



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Planning Commission Staff Report

Project Type: Sign Package
Meeting Date: March 11, 2019
From: Mike Knight, Planner
Location: 114 N Eatherton Rd.
Description: **Windsor Crossing Community Church, Sign Package:** A request for a Sign Package for a 38 acre tract of land located east of Eatherton Road, directly north of the Pacific Railroad tracks.

PROPOSAL SUMMARY

Summit Sign and Graphics, on behalf of The Crossing Church, has submitted a request for a Sign Package for the Windsor Crossing Community Church Subdivision. In accordance with the Unified Development Code (UDC), if approved, the proposed Sign Package would serve as the site specific regulations pertaining to signage for this development.

The purpose of a Sign Package is to provide comprehensive and complementary signage throughout a development. The UDC states that “in order to encourage superior design, quality and character, Comprehensive Sign Packages allow for specialized review of signs and flexibility from standard signage requirements.”

This Sign Package is being requested to allow for two additional free-standing identification signs and one projecting sign on the west elevation. The site’s current and requested signage will be detailed throughout this report.



Figure 1: Aerial Image

HISTORY

The subject site was zoned “NU” Non-Urban by St. Louis County prior to the incorporation of the City of Chesterfield. The original site plan for a 32,183 square foot church for Windsor Crossing Community Church was approved in 2002. While there have been several amendments since that time, the most notable were for additions in 2005, 2007, 2012, and 2018, which brought the building to its current size of 93,486 square feet. The building contains a large sanctuary space, offices, gathering spaces, and spaces for ministries to meet, including children and youth.

The site currently does not have a Comprehensive Sign Package. In 2009, Planning Commission provided approval for a freestanding identification sign in which the height was over 6 feet tall and the base of the sign exceeded 3 feet in height. The sign currently resides at the entrance to the site off of Eatherton, and will be shown later in this report.

LAND USE AND ZONING OF SURROUNDING PROPERTIES

The predominant land uses and zoning for surrounding properties are described below:

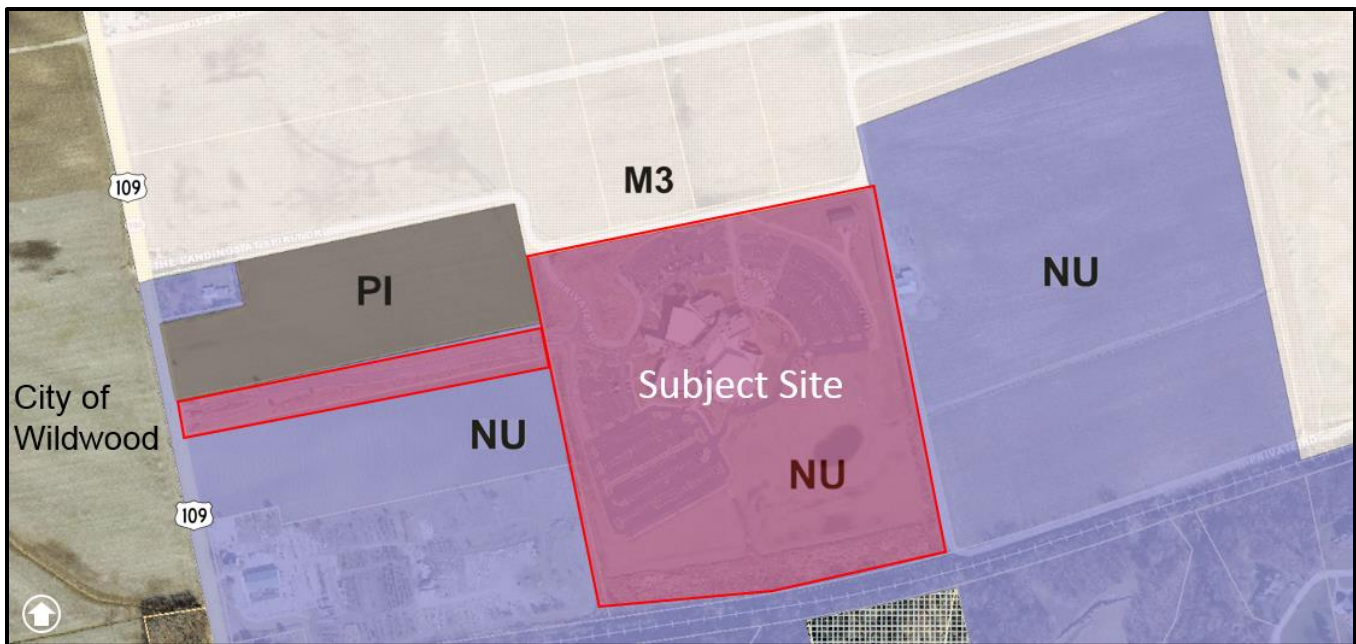


Figure 2: Zoning

Direction	Zoning	Land Use
North	“M3” Planned Industrial District	Spirit of St. Louis Air Park
East	“NU” Non-Urban District	Undeveloped
South	“NU” Non-Urban District	Railroad Tracts/Bluff
West	“NU” Non-Urban District	Nursery
West	“PI” Planned Industrial District	Undeveloped

Table 1: Land Use

SUBMITTAL OVERVIEW

Section 31-04-05(F)8 of the Unified Development Code identifies the signage regulations for churches. It states that a church or house of worship shall be permitted one freestanding identification and one attached identification sign with size requirements in accordance to Section 31-04-05(G) of the same Article, "Sign Regulations-Permanent Signs". The site currently has one freestanding identification sign and one approved attached wall identification sign. The applicant is requesting, within the mechanism of the Comprehensive Sign package, two additional freestanding-identification signs and one projecting wall sign. This report will first describe the current signage and its location within the site, followed by the requested signage.

STAFF ANALYSIS

Current Signage:

Currently residing on the 38 acres site at 114 N Eatherton Road is the 93,486 square foot building known as The Crossing Church. There are currently no wall signs attached to the church, although there is one approved for the west elevation (Figure 5). The sign is 49 square feet in size, well under the amount permitted. In regards to site signage, the development has one freestanding identification sign located at the entrance of the site. The freestanding identification sign was approved by Planning Commission in 2009 and has a signage outline area of 47.25 SF and is 12' 6" tall. There is approximately 1,500 feet in distance from Eatherton Road to The Crossing Church. Figures 4 and 5 show the approved freestanding identification sign and the approved wall sign, followed by Figure 6 providing their locations within the site.

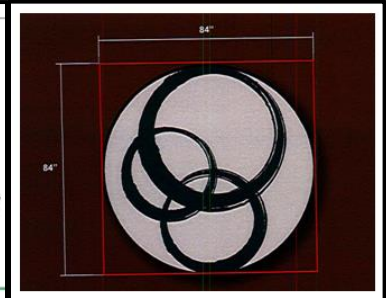
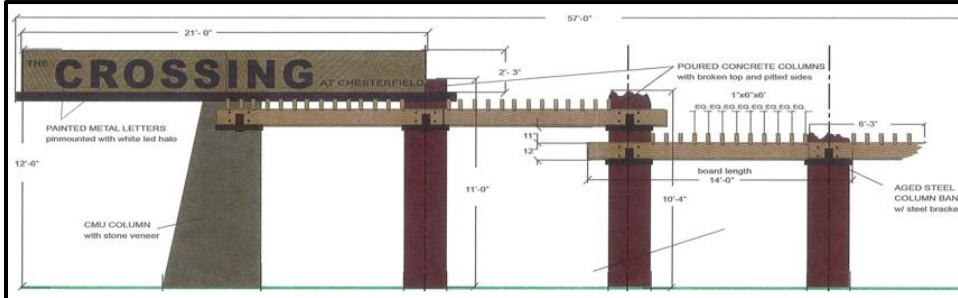


Figure 4: Existing Freestanding Identification Sign

Figure 5: Approved Wall Sign



Figure 6: Current Signage Location

Requested Signage:

The applicant is requesting 3 additional signs within the mechanism of the Comprehensive Sign Package, which exceed what is allowed by the UDC. The request contains two additional monument/freestanding identification signs and one projecting sign attached to the west elevation near the approved wall sign. The applicant states that the primary focus of the sign package is to improve wayfinding to the Main Entrance and enhance the overall look of the property. Below is a description of each sign and how the signs correspond to the UDC requirements.

Sign 1 - The freestanding identification sign is 39.3 square feet in outline area and just over 5 feet in height. The location of the sign is roughly at the intersection of the private drive to the north and the northwest parking lot entrance. The Unified Development Code permits identification signs to be up to 50 square feet in size and up to 6 feet in height. The maximum outline area and/or height of any freestanding sign may be increased to a maximum of 100 square feet in outline area and/or 20 feet in height above the average existing finished grade elevation at the base of the sign or elevation of the adjacent street, whichever is higher, with no height restriction for the bottom of the sign face subject to Planning Commission approval. The size of the sign meets all UDC requirements, but this site only allows for one freestanding identification sign and this would be the second.

Sign 2- This freestanding identification sign is 17 square feet in outline area and 16 feet in height. The location of the sign is roughly where the parking lot meets the sidewalk to the main entrance. The size of the sign meets UDC requirements with Planning Commission approval, but this site only allows for one identification sign and this would be the third.

Sign 3 – The projecting sign is 56 feet in outline area and the length is just over 13.5 feet in height. Projecting signs are identified as prohibited signs within the UDC. The definition of a projecting sign in the UDC is any sign, other than a flat or wall sign, affixed to a building or wall in such a manner that its back edge extends more than six (6) inches beyond the surface of such building or wall.

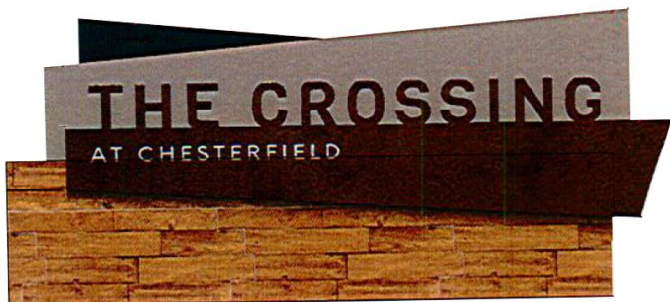


Figure 7: Sign 1



Figure 8: Sign 2

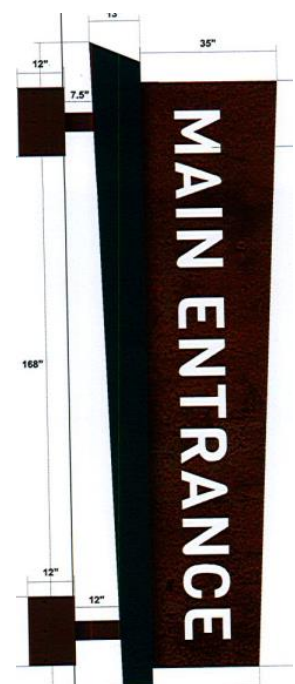


Figure 9: Sign 3

Figure 10 below is the location of all the signage if the comprehensive sign package were approved.

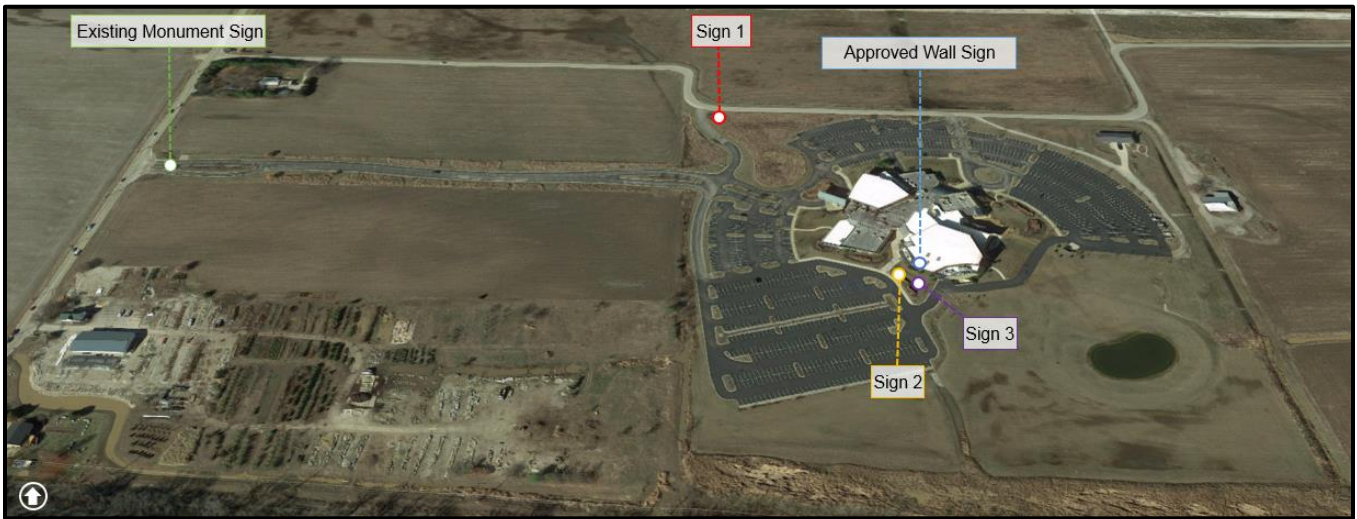


Figure 10: Signage Location if Approved

The applicant provided a rendered image of the main entrance with the signage, if approved, in Figure 11.



Figure 11: Rendered image of the Main Entrance

Comprehensive Table:

Below is a summary table of signage requested and how they relate to the UDC requirements.

Summary Table						
Signs	Type	Total Requested	Total Permitted	Sign Outline Area (SF)	Outline Area Permitted (SF)	Prohibited Sign
Building	** West Wall	1	1	49	160.8	No
	West Projecting	1	NA	56	NA	Yes
Monument	** Main Entrance	3	1	47.25	100	No
	Private Entrance			39.3		No
	Building Entrance			17		No

*Note 1: ** Previously Approved*

Note 2: All Monument Signs under 20ft in height

Sign Packages

The purpose of a sign package, which serves as the mechanism for allowing modifications to the UDC sign regulations, is to provide comprehensive, complementary, and unified signage throughout a development. The UDC states that “in order to encourage superior design, quality and character, comprehensive sign packages allow for specialized review of signs and flexibility from standard signage requirements.”

The UDC includes the following review factors that are to be considered by the Planning Commission when discussing the appropriateness of the requested flexibility in sign criteria:

1. The physical impact of the proposed comprehensive sign package;
2. The quality of the proposed comprehensive sign package; and
3. Mitigation of unfavorable conditions such as excessive signs, light spillover from signs, height, and other related conditions and potentially negative impacts.

The applicant’s narrative, in conjunction with the stated purpose of the sign regulations, sign package review criteria, and policies of the Comprehensive Plan, all work together to create the foundation for the Planning Commission’s review and consideration of the submittal.

The applicant states within their project narrative that the primary focus of the sign package is to improve wayfinding to the main entrance and enhance the overall look of the property. The applicant also states that any signage specifically identified in the Comprehensive Sign Package shall conform to Section 04-05 of the Unified Development Code.

RECOMMENDATION

Staff has reviewed the proposed Sign Package for the Windsor Crossing Community Church subdivision and all required items have been included. The UDC provides the Planning Commission discretion in considering this Sign Package as there is not concrete criteria in which to review. As such, Staff recommends that the Planning Commission take action on this request.

MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Sign Package for Windsor Crossing Community Church."
- 2) "I move to approve the Sign Package for Windsor Crossing Community Church with the following conditions....." (Conditions may be added, eliminated, altered or modified)

Attachments: Sign Package Submittal

March 1, 2019

To Whom It May Concern:

We are asking for your consideration for the following three signs as indicated on page 4 of the report:

- Sign 1 - Freestanding identification sign
- Sign 2 - Freestanding identification sign
- Sign 3 - Projecting blade sign

At The Crossing, one of our main objectives is to create a warm, inviting, welcoming place where people can come and explore the truth of the Gospel, experience the grace of Jesus, and express love boldly. We feel we are offering this experience once people get into our building, but the approach to the building can lead to frustration because the current wayfinding signage is lacking.

Despite using cones and painting arrows on the parkway, we receive complaints from confused visitors, daily. This is causing issues with delivery companies and guests, and we are concerned that in an emergency, guiding emergency vehicles to the correct place could be difficult.

The freestanding identification sign along the private drive (to the golf course) will play an important role to those who attend our church, and even those who do not. This is a replacement for a sign that we removed when we updated our brand. Since removing that sign we've seen a drastic uptick in people walking into our building (sometimes in cleats) thinking we're the golf course. We've had to create a map showing how to get to the golf course from our campus to hand out to those who get lost on their way there. The existing rock formation there is a natural setting and will help people differentiate between The Crossing and the golf course.

The projecting sign attached to the side of the building will attract people from the parkway entrance as well as from the side of the building. Our building was initially designed with the main entrance under the portico, which is now the weekend family entrance, and is locked during the week. Many visitors coming for groups, classes, funerals, and other events during the week find themselves at entrances other than our main entrance, which can be very frustrating since they are locked for security purposes.

Once someone sees the blade sign and is headed in the right direction, we believe a large, entrance sign is necessary to help them know that they are in the right place.

With multiple roads entering the property and number of ways to enter the building, there is much confusion for the average visitor. We believe the addition of these three signs will improve the experience for our guests--an experience that begins in the parking lot.

All tenants, businesses, owners within the development shall receive a copy of the Comprehensive Sign Package from the owner at the time of lease/sale. Any signage not specifically identified in the Comprehensive Sign Package shall conform to Section 04-05 of the Unified Development Code.

We appreciate your consideration and look forward to hearing from you soon.

Sincerely,



Lisa Korreect
Director of Communication

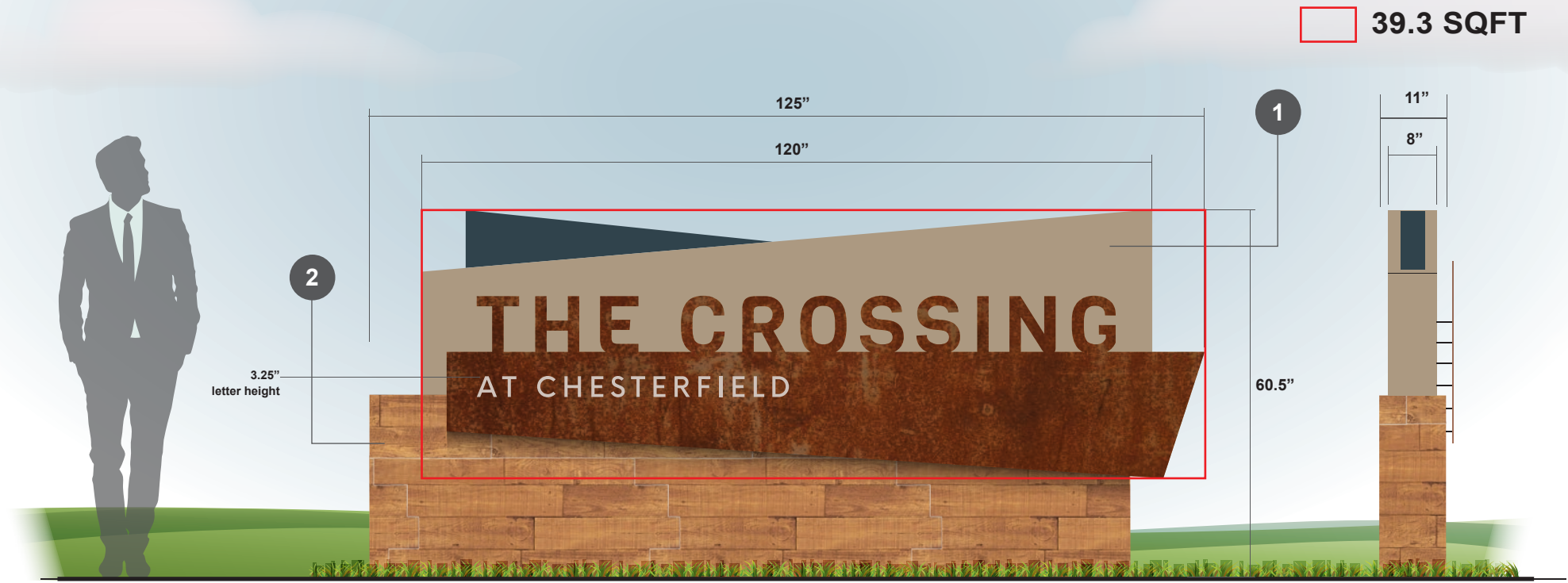
EXISTING MONUMENT SIGN



MATERIAL SPECIFICATIONS

- 1 Top Cabinet**
Non-illuminated sign
Constructed of aluminum
Main cabinet area painted PMS 7530 C
Top "fin" cabinet area painted PMS 7546 C
Aluminum panel: 1/4" thick aluminum
"The Crossing" letters are routed out of panel (but connected)
Painted custom faux rust textured paint, Matte finish
"At Chesterfield" letters constructed of 1/4" thick acrylic, painted PMS Warm Gray 2 C
- 2 Base Cabinet**
Constructed of aluminum with Texture Plus faux wood applied, Cedar Brown

Sign is pole mounted with (1) 5" steel pole
Mounted into the ground behind existing rocks
Sign to be spottlit



COLOR DETAILS

- Rusted Metal paint finish, Matte
- PMS 7530 C (Mule Brown)
- PMS 7546 C (Dark Spruce)
- PMS Warm Gray 2 C (Bison Hide)
- Texture Plus Wood Cedar Brown

MOUNTING METHOD



PROJECT NUMBER
5193

PROJECT
Exterior Sign Package

CLIENT
The Crossing-Chesterfield

CONTACT
Christy Schmidt

PROOF DATE
1/17/19

REVISION DATE
2/6/19

SALES REP
Andy Hrdlicka

DRAWN BY
Jillian Woosley

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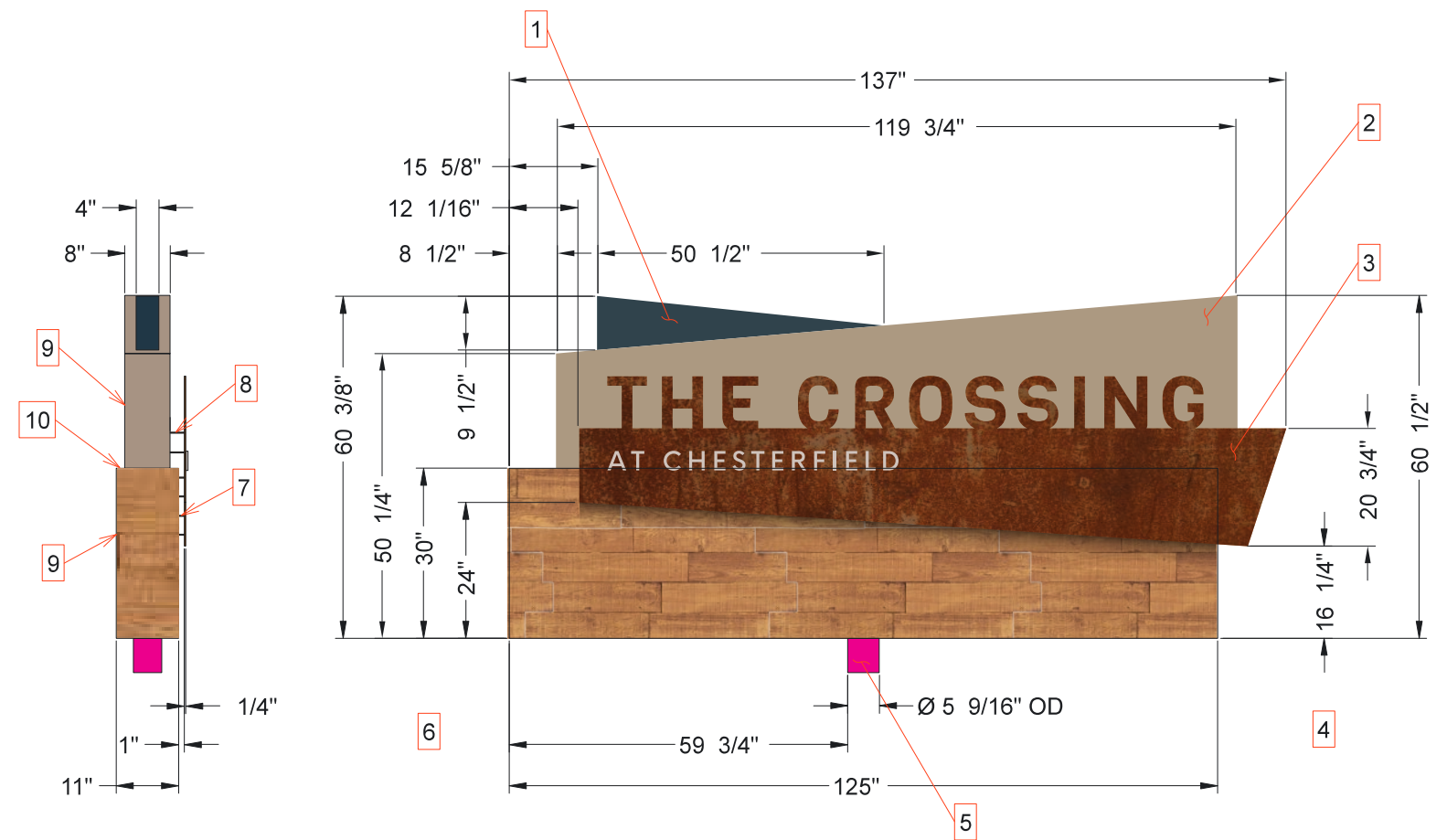
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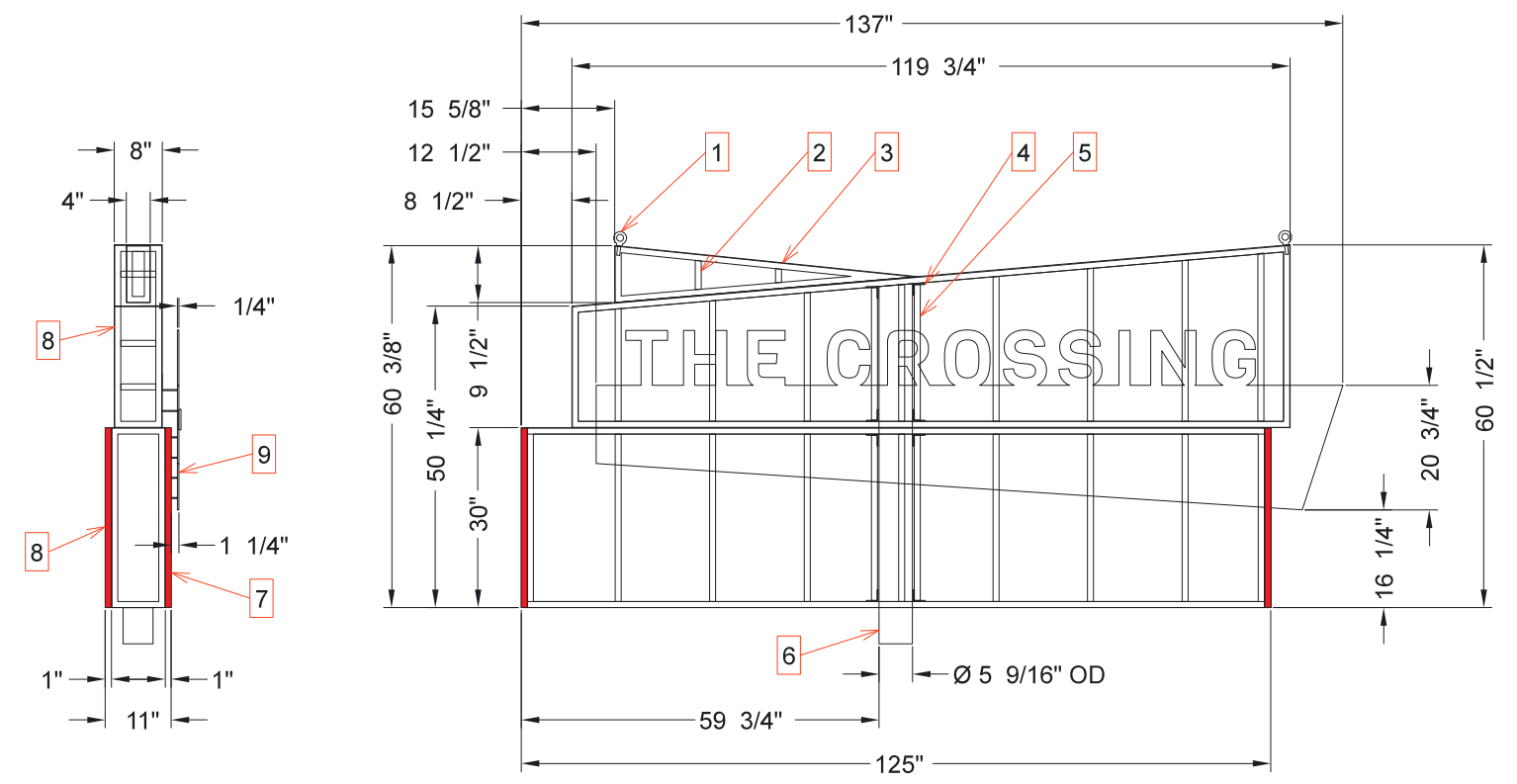
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- 1 SMALL TRIANGLE SECTION PAINTED MATTHEWS MP 29447 SATIN FINISH (PMS 7546 BLUE)
- 2 LARGE TRIANGLE SECTION PAINTED MATTHEWS MP 32335 SATIN FINISH (PMS 7530 BEIGE)
- 3 STUD MOUNTED ROUTED SHAPE & COPY 1/4" ALUMINUM PANEL DO NOT PUT STUDS BEHIND "THE CROSSING" LETTERS PAINTED TEXTURED FAUX RUST MATTE FINISH FRONT & EDGES MATTHEWS NUANCE BLACK SATIN FINISH BACK
- 4 POLE COVER DECORATED WITH TEXTURE PLUS WOOD DECONSTRUCTED PALLET-CEDAR BROWN
- 5 EXISTING 5" SCHEDULE 40 ROUND PIPE (5-9/16" OD)
- 6 FLUSH MOUNTED 3/8" FLAT CUT OUT ACRYLIC PAINTED MATTHEWS MP 564 SATIN FINISH (PMS WARM GRAY 2C)
- 7 1" STANDOFFS PAINTED MATTHEWS MP 32335 SATIN FINISH (PMS 7530 BEIGE)
- 8 2-1/2" STANDOFFS PAINTED MATTHEWS MP 32335 SATIN FINISH (PMS 7530 BEIGE)
- 9 BACKS REMOVABLE TO SERVICE POLE
- 10 TOP OF THE POLE COVER PAINTED MATTHEWS MP 32335 SATIN FINISH (PMS 7530 BEIGE)



- 1 (2) REMOVABLE 1/2" EYEBOLTS
- 2 1" X 1" X 1/8" ALUMINUM TUBE FRAME
- 3 .080 ALUMINUM SKIN
- 4 2" X 2" X 3/16" STEEL ANGLE PIPE CAGE
- 5 1" X 1" X 1/8" STEEL SUPPORT TUBE
- 6 EXISTING 5" SCHEDULE 40 ROUND PIPE (5-9/16" OD)
- 7 TEXTURE PLUS WOOD PANELS DECONSTRUCTED PALLET-CEDAR BROWN
- 8 REMOVABLE BACKS
- 9 ROUTED 1/4" ALUMINUM STAND-OFF PANEL WITH FLUSH MOUNTED 3/8" FLAT CUT OUT ACRYLIC



LANDSCAPING



LANDSCAPING

Large rectangular rocks currently existing in sign location (sign installed behind rocks)

Large mulch bed is surrounding the rocks

Mixture of perennial and annual flowers placed around the front side of the sign

Zinnias, Blanket flowers, Gerber Daises and Daylilies

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RENDERING



330 Southport Drive
Columbia, IL 62236
Phone: 618.281.2639
Fax: 618.281.8703
summitsignandgraphics.com

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Deviation Matrix for Proposed Sign

Sign Type/Description	Ordinance Standard (Section 31-04-05)	Proposed Variance	Difference
Permanent Freestanding Sign	Sec. 31-04-05_F.2.b.3 100 SF Allowance in Overall Sign Area; Not to Exceed 20' in Overall Height	Proposed Sign is 39.3 Square Feet in Area and 5.03 Feet Above Grade	Proposed Sign is within allowance

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1

THE CROSSING
AT CHESTERFIELD

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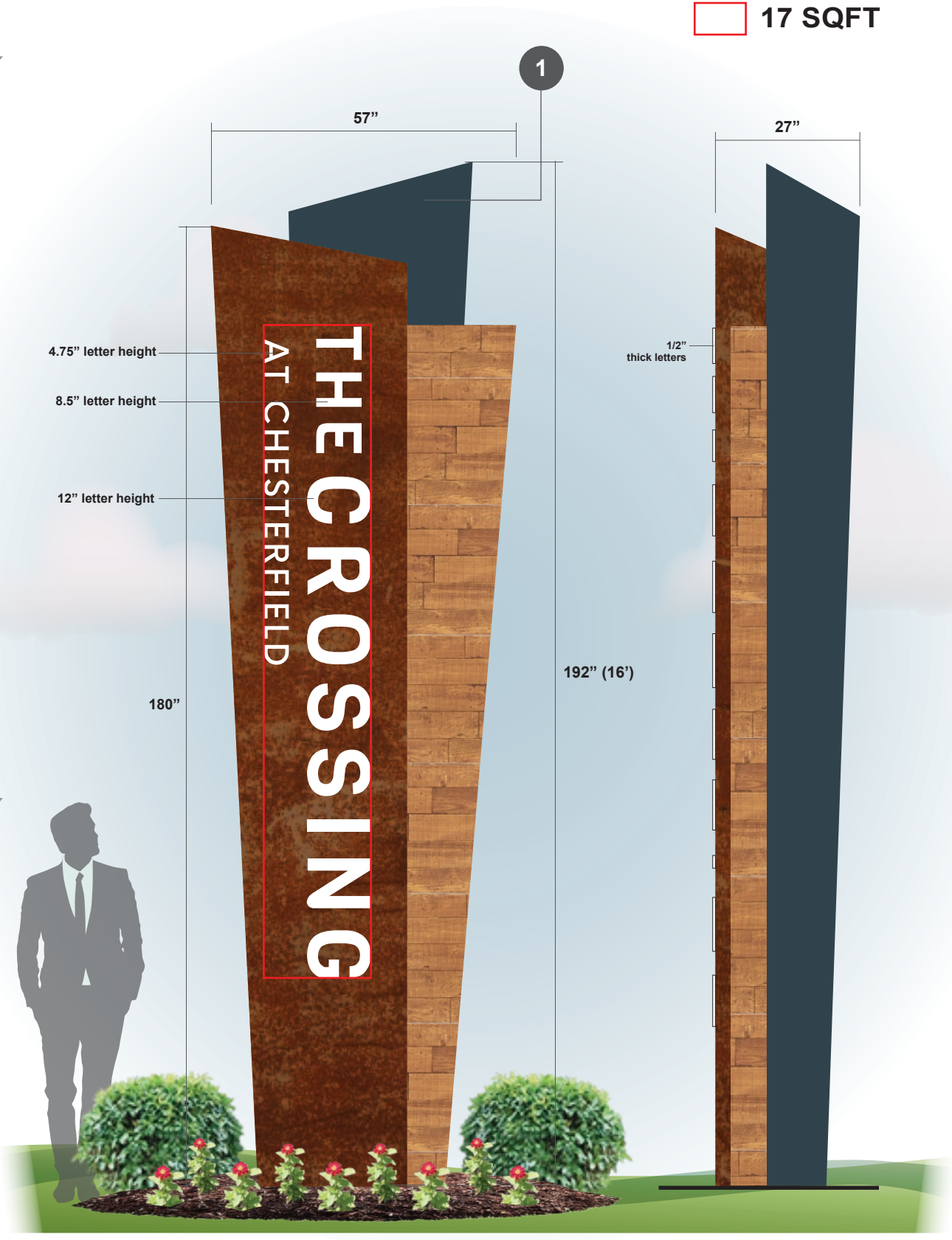
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MATERIAL SPECIFICATIONS

- 1 Freestanding Sign**
Overall size: 192"h x 57"w x 27"d
Non-illuminated Sign
Constructed of aluminum
Multi-dimensional sign
- Rusted Cabinet:** 180"h x 36.75"w x 17"d
-Aluminum cabinet with custom faux rust textured paint, Matte finish
-"The Crossing" letters: 1/2" thick acrylic painted White, stud mounted flush
-"At Chesterfield" letters: 1/4" thick acrylic painted White, stud mounted flush
- Wood Cabinet:** 161.25"h x 20.5"w x 9.25"d
-Aluminum cabinet with Texture Plus faux wood applied, Cedar Brown
-Logo: 1/2" thick acrylic, masked & painted PMS 7546 C and PMS 7530 C
-Logo stud mounted to cabinet with 1" spacers
- Blue Cabinet:** 192"h x 34.5"w x 17.6"d
-Aluminum cabinet painted PMS 7546 C, satin finish
- Mounting:** pole mounted
-8" diameter steel pole, 22 ft long
-Pole installed 6 ft below grade

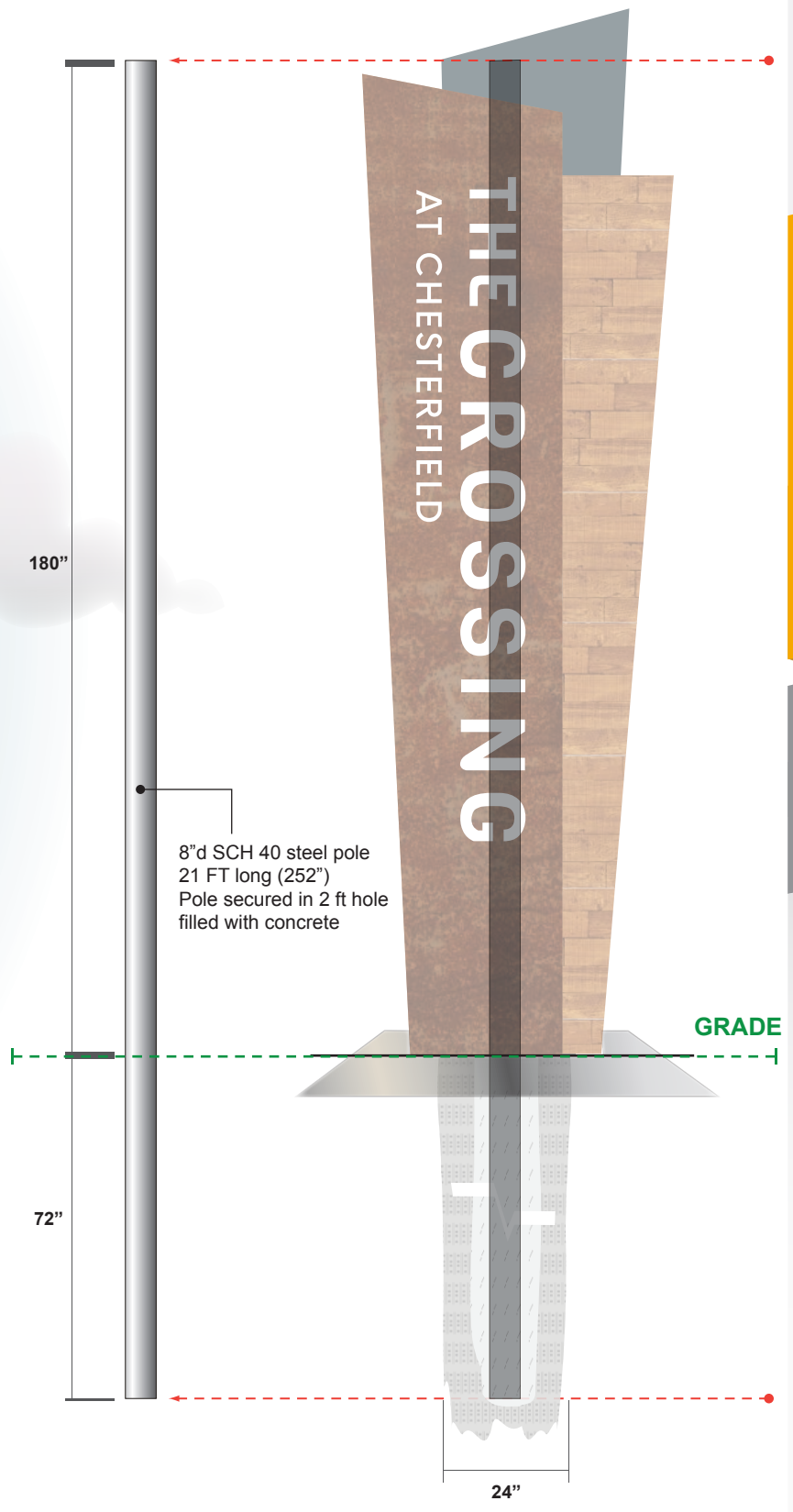
COLOR DETAILS

- Rusted Metal paint finish, Matte
- PMS 7530 C (Mule Brown)
- PMS 7546 C (Dark Spruce)
- Texture Plus Cedar Brown
- White



17 SQFT

MOUNTING METHOD



LANDSCAPING
Mulch bed surrounding sign, circular shape, approximately 8 ft in diameter
Box Shrubs placed around the back side of the sign
Mixture of perennial and annual flowers placed around the front side of the sign: Zinnias, Blanket flowers, Gerber Daises

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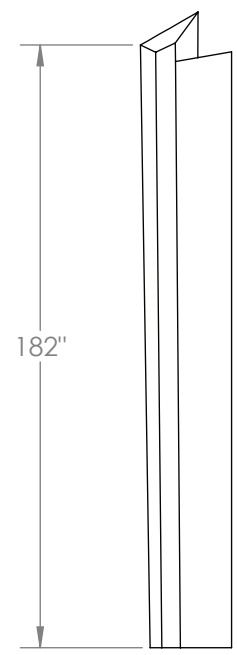
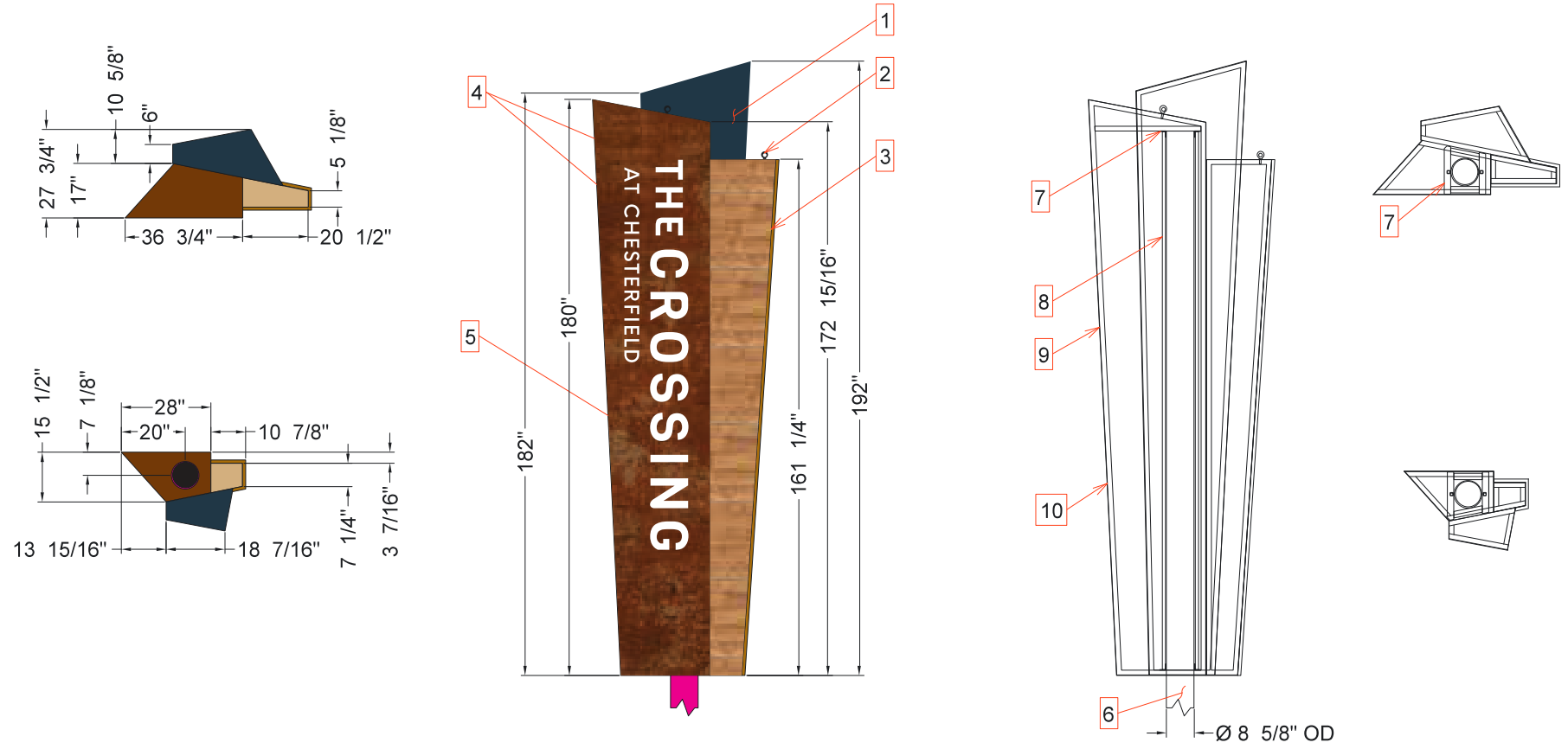
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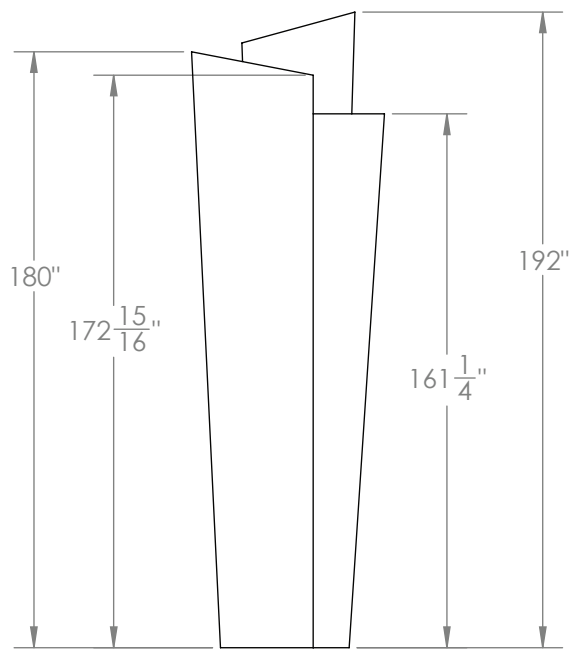
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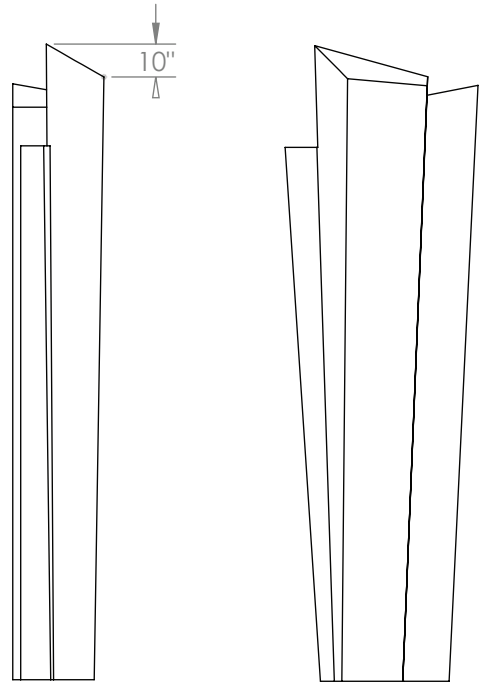
- 1 BLUE BACK SECTION PAINTED MATTHEWS MP 29447 SATIN FINISH (PMS 7546 BLUE)
- 2 (2) REMOVABLE 1/2" EYEBOLTS
- 3 TAN RIGHT SIDE SECTION WITH TEXTURE PLUS WOOD DECONSTRUCTED PALLET-CEDAR BROWN
- 4 PAINTED WHITE 1/2" FLAT CUT OUT WHITE ACRYLIC COPY STUD MOUNTED FLUSH
- 5 REMOVABLE FLAT .125 ALUMINUM FACE USING COUNTER SUNK SCREWS LEFT SIDE SECTION & FACE PAINTED PAINTED TEXTURED FAUX RUST MATTE FINISH
- 6 EXISTING 8" SCHEDULE 40 ROUND PIPE (8-5/8" OD)
- 7 2" X 2" X 3/16" STEEL ANGLE PIPE CAGE
- 8 1" X 1" X 1/8" STEEL SUPPORT TUBES
- 9 1-1/2" X 1-1/2" X 1/8" ALUMINUM TUBE FRAME
- 10 .080 ALUMINUM SKIN ON THE TOP, BOTTOM & SIDES



LEFT SIDE VIEW

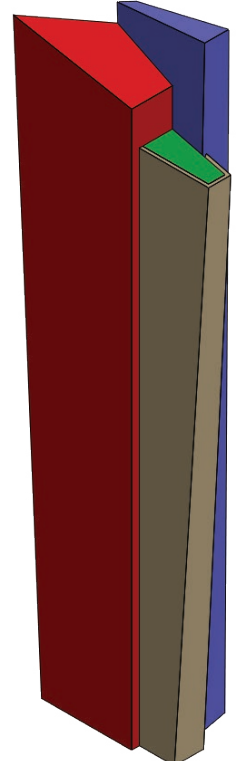


FRONT VIEW



RIGHT SIDE VIEW

BACK VIEW



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DAY



NIGHT



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1

THE CROSSING
AT CHESTERFIELD

1-POLE

17' OAH

SUMMIT SIGN
THE CROSSING

114 N. EATHERTON
CHESTERFIELD MO

IBC 2009

CHURCH

COLUMN

$$P = 2975 \quad M = 25,287$$

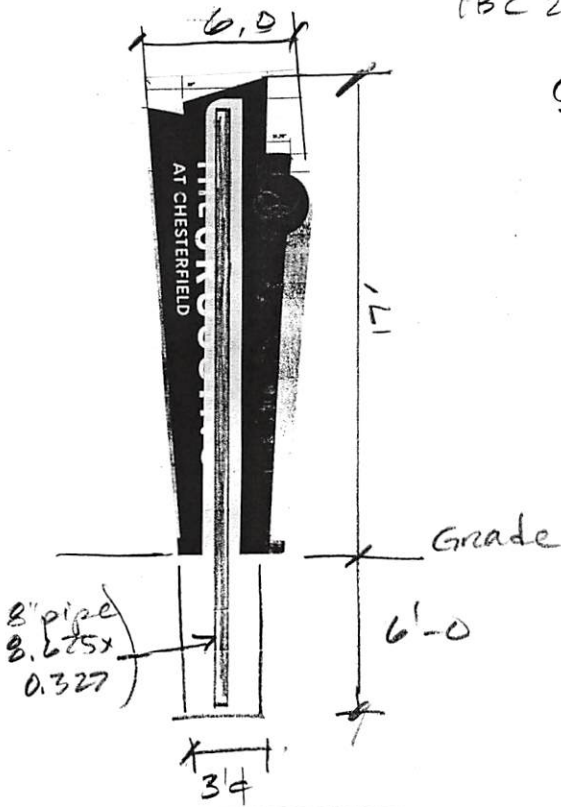
$$5 \times 17 \times 35 = 2975 \times 8.5 = 25,287$$

$$S_R = \frac{25,287 \times 12}{21,600 \times 1.33} = 10.6 \text{ in}^3$$

$$S_P \text{ 8" pipe } = 16.8 \text{ in}^3$$

$$8.625 \times 0.322$$

$S_P > S_R$ OK



CONC

$$P = 2975$$

$$M = 25,287$$

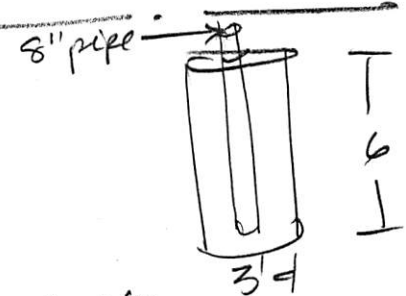
$$h = 8.5$$

$$b = 3$$

$$S_x = (200)(2) \left(\frac{1}{3} \right) \left(\frac{6}{3} \right) = 1067$$

$$d = \frac{(1.17)(2975)}{(3)(1067)} \left[1 + \sqrt{1 + \frac{1.86(1067)(3)(8.5)}{2975}} \right]$$

$d = 5.7'$ need; use 3' \pm x 6'-0" deep



WIND @ 35 PSF 90 mph C II
 SNOW @ 20 PSF
 SOILS AT 2000 PSF (ASSUMED)
 LATERAL SOIL LOADING AT FOOTING/FOUNDATION 200
 3' \pm x 6' deep

POUR CONCRETE AGAINST UNDISTURBED SOILS, NOT BACKFILL
 ALL DESIGN, DETAILING, FABRICATION, AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING CODES AND SPECIFICATIONS:
 - IBC 2009 EXP "C" (3-SEC GUST)
 - CURRENT INTL. BLDG CODE (IBC)
 - AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
 - BLDG CODE REQUIR: REINF CONG (ACI 318-11)
 - CODE FOR WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY.
 - CURRENT SPECS: AMERICAN INST OF STEEL CONST (AISC) - DESIGN, FAB, & ERECTION.
 CONCRETE 3000 P.S.I. @ 28 DAYS COMPR STR. (150 P.C.F.)
 REINF STL - ASTM A-616, GR 60, (IF REQD), WELDED WIRE FABRIC(WWF) - ASTM A185
 - ALL REINF SHALL BE FREE FROM MUD, OIL, RUST OR COATINGS THAT WOULD REDUCE OR DESTROY BOND
 - ALL REINF BARS SHALL LAP 36 DIAMETERS OR 12" MINIMUM, EXCEPT AS NOTED.
 - MIN CONG COVER ON TIES, STIRRUPS AND MAIN BARS SHALL BE 1 INCH FOR SLAB, WALL AND SURFACES NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND & 3 INCHES FOR UNFORMED SURFACES DEPOSITED AGAINST GROUND EXCEPT AS NOTED.

STRUCTURAL STEEL AND PLATES - A-36.
 STRUCTURAL TUBING - ASTM A-500, GR B, FY=46 KSI.
 STRUCT PIPE - ASTM A-53, GR B, FY=38 KSI.
 ANCHOR BOLTS ASTM A-307, EXCEPT AS NOTED.
 HI STROTH BOLTS - CONNECTIONS - ASTM A-325, U.N.O.
 WELDING ELECTRODES - AWS D1.1-88, E70xx.
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE ERECTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 NO CABINET ENGINEERING PROVIDED. IF CABINET ENGRG IS REQ'D, CONTACT THE ENGINEER FOR ADD'L SVCS.
 6" OF CONCRETE OR GRAVEL PLACED IN BOTTOM OF FOUNDATION PRIOR TO MAIN POUR.
 ISOLATE ALUMINUM FROM STEEL.
 ALL BOLT HOLES TO BE DRILLED OR PUNCHED.
 ALL PIPE SIZES SHOWN ARE MINIMUM SIZES. PIPE WITH A LARGER DIAMETER, GREATER YIELD STRENGTH, AND/OR GREATER SCYTH MOD MAY BE SUBSTITUTED.
 ALL STRUCTURAL LENGTHS REQUIRED ARE APPROXIMATIONS ONLY. ACTUAL LENGTH MAY SLIGHTLY VARY DEPENDING ON SIGN CABINET CONDITIONS.
 ALL WORK PERFORMED ON SITE SHALL BE DONE ACORDING TO APPLICABLE OSHA REGULATIONS
 WATER SHOULD NOT BE ALLOWED TO POND IN THE EXCAVATION PRIOR TO CONCRETE PLACEMENT OR ABOVE CONCRETE AFTER THE FDN IS COMPLETED
 EXERCISE CARE DURING EXCAVATION OF THE FOUNDATION TO MINIMIZE DISTURBANCE TO THE SURROUNDING SOILS.

CALCULATIONS SHOWN ON THESE SHEETS ARE ONLY FOR THE BASE POLE(S) AND CONCRETE BASE FOUNDATION

SR = SECTION MODULUS REQUIRED
 SP = SECTION MODULUS PROVIDED



Patrick Dean Crocker
 2018.12.11

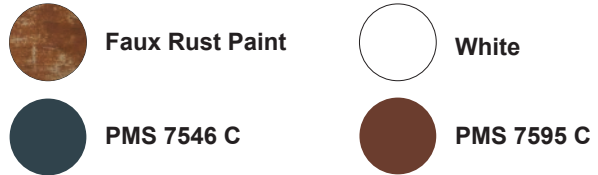
CAE 2008010470
 CROCKER
 3211 E. SHADY GLEN ST
 SPRINGFIELD MO 65804
 417.883.4056

MATERIAL SPECIFICATIONS

- 1 Blade Sign**
Overall size: 168"h x 48"w x 14"d
Constructed of aluminum, internally illuminated
Double-sided sign
Main Cabinet: 152"h x 35"w x 10"d
-Aluminum cabinet with custom faux rust textured paint, Matte finish
-Lettering is routed out of the faces and backed with White polycarbonate
-Internally illuminated with White LEDs
Accent piece: 168"h x 13"w x 14"d
-Aluminum cabinet painted PMS 7546 C, satin

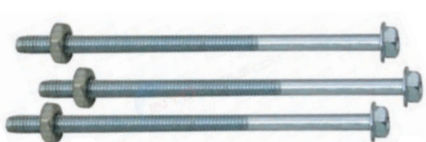
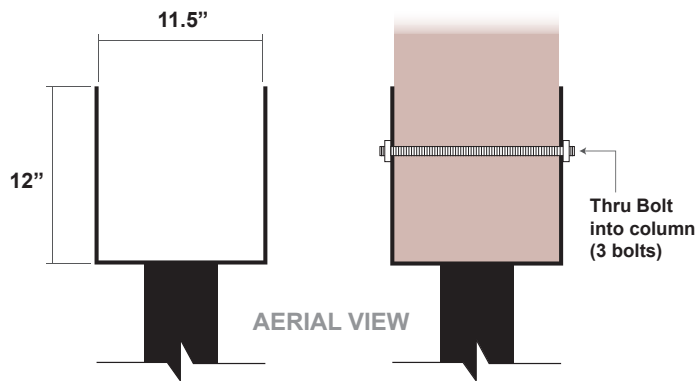
Total Sign Projection: 55"

COLOR DETAILS

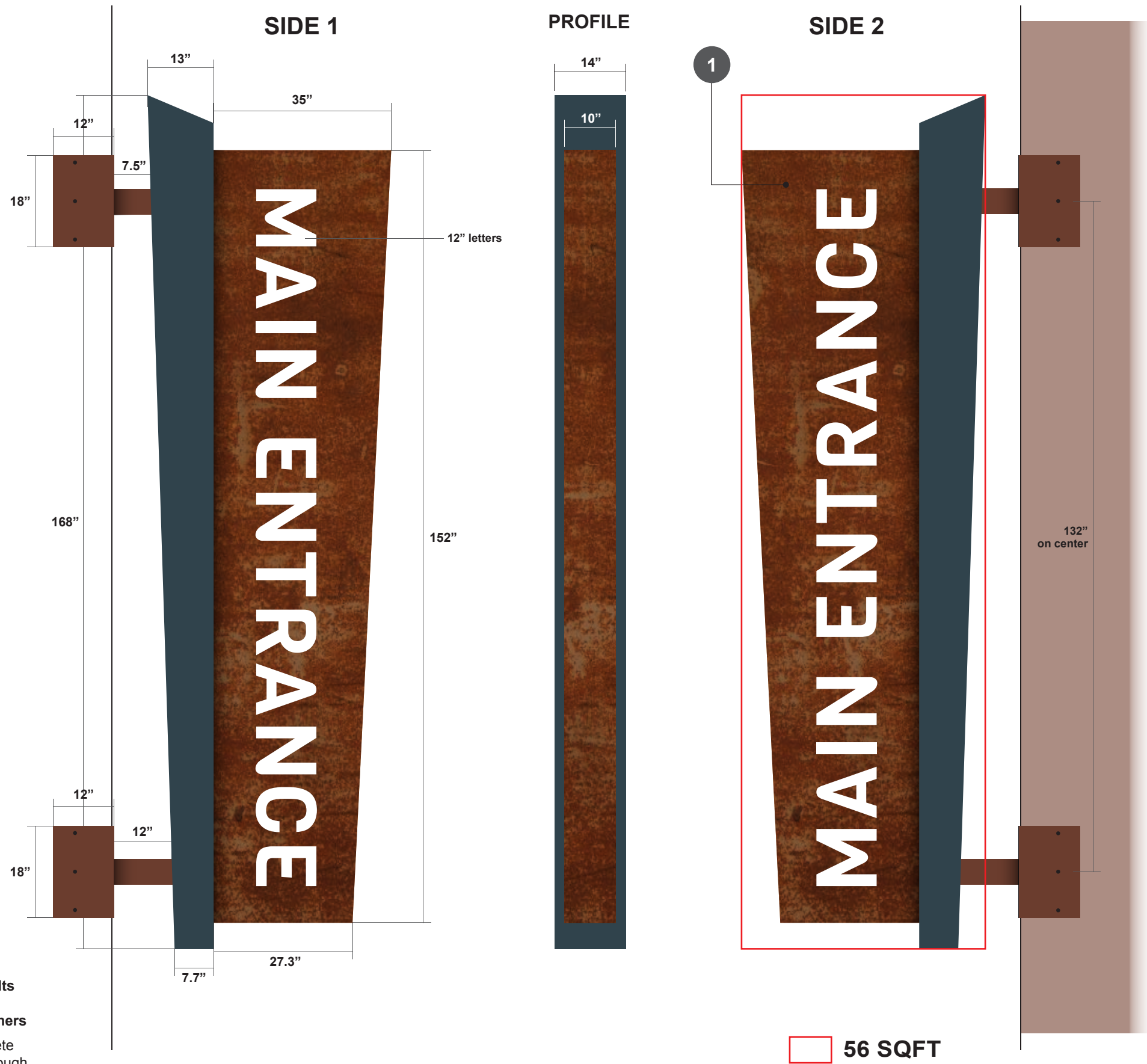


INSTALLATION DETAILS

Mounting Plates
(2) U-shape mounting plates, 1/4" thick aluminum
3 holes drilled on each side, 1/2" hole diameter
Will thru bolt into concrete column



Stainless Steel Threaded Bolts
1/2" x 12"
Hex head with nuts and washers
Drill completely through concrete column, bolts are threaded through and fastened on opposite end



PROJECT NUMBER
5193

PROJECT
Exterior Sign Package

CLIENT
The Crossing-Chesterfield

CONTACT
Christy Schmidt

PROOF DATE
1/17/19

REVISION DATE
2/6/19

SALES REP
Andy Hrdlicka

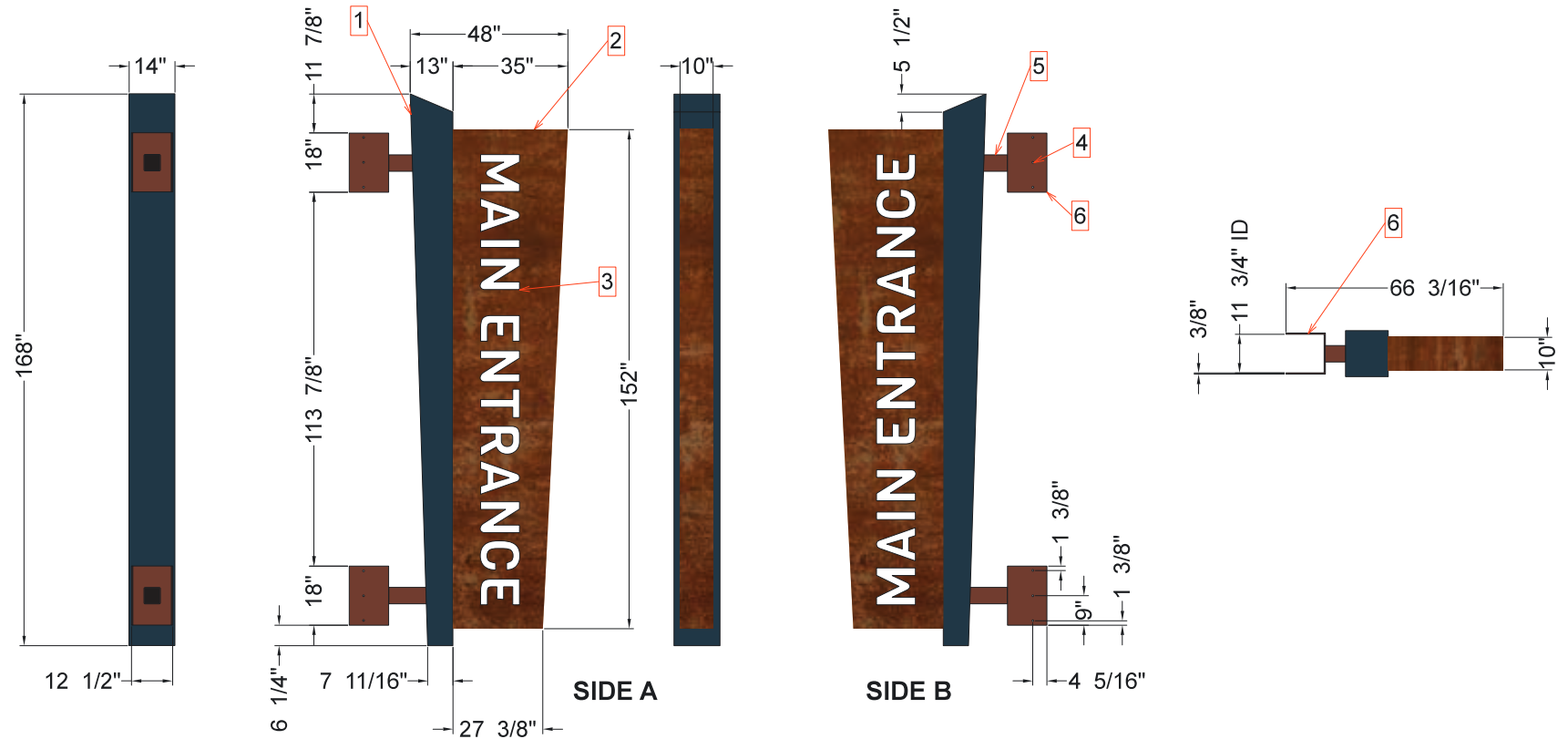
DRAWN BY
Jillian Woosley

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330 Southport Drive
 Columbia, IL 62236
 Phone: 618.281.2639
 Fax: 618.281.8703
 summitsignandgraphics.com

- 1 ACCENT PAINTED MATTHEWS MP 29447 SATIN FINISH (PMS 7546 BLUE)
- 2 ROUTED .125 ALUMINUM FACE & CABINET PAINTED PAINTED TEXTURED FAUX RUST MATTE FINISH FRONT & EDGES
- 3 ROUTED COPY BACKED WITH WHITE .177 ACRYLIC TAPED & STUDDED
- 4 Ø1/2" THRU HOLES
- 5 5" X 5" X 1/4" STEEL TUBE PAINTED MATTHEWS MP 74400 SATIN FINISH (PMS 7595 BROWN)
- 6 CHANNEL MOUNTING PLATE 18" X 12" X 11-3/4" ID USING 3/8" THICK STEEL PAINT MATTHEWS MP 74400 SATIN FINISH (PMS 7595 BROWN)



PROJECT NUMBER
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CLIENT
The Crossing-Chesterfield

CONTACT
Christy Schmidt

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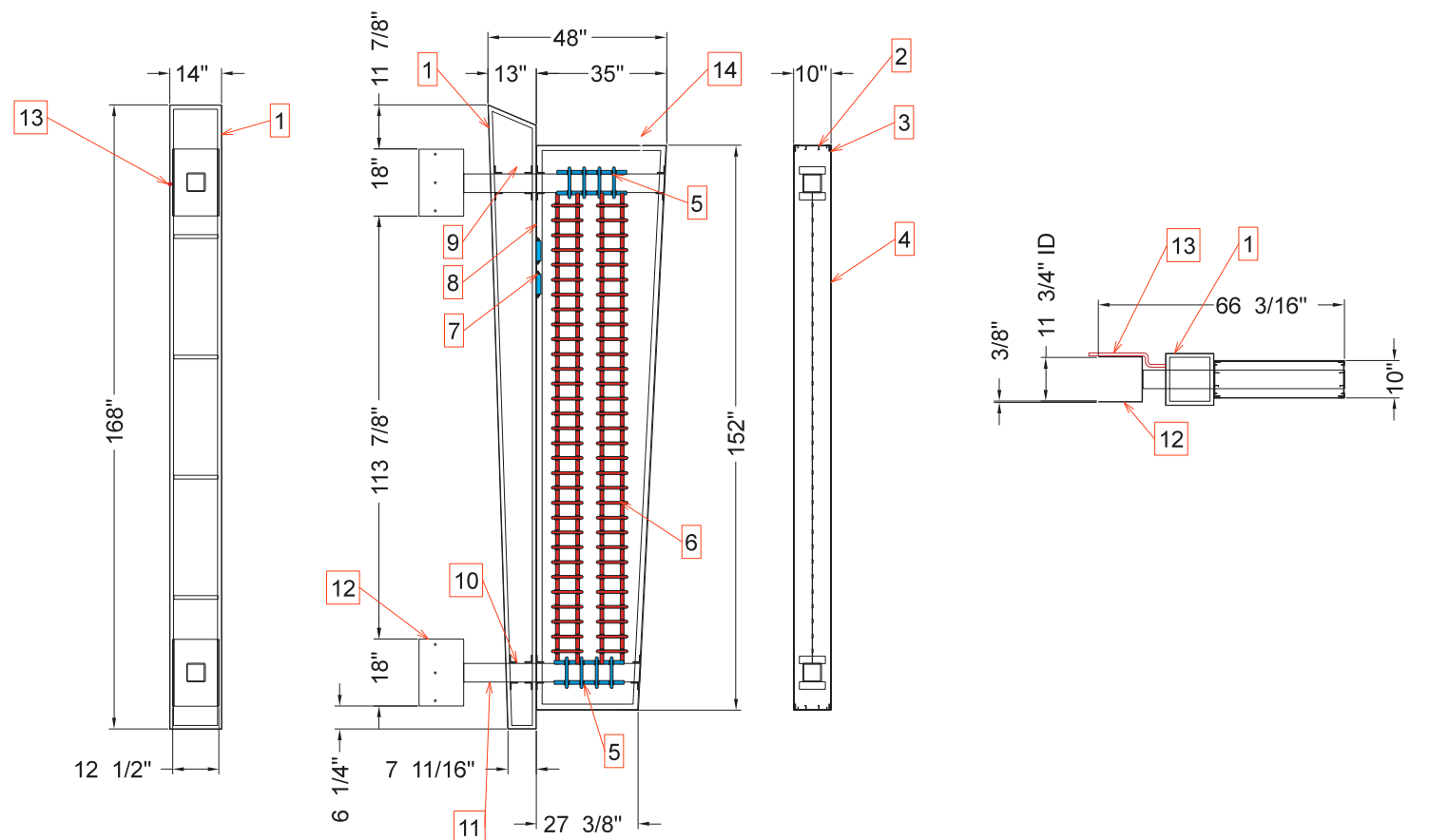
DRAWN BY
Jillian Woosley

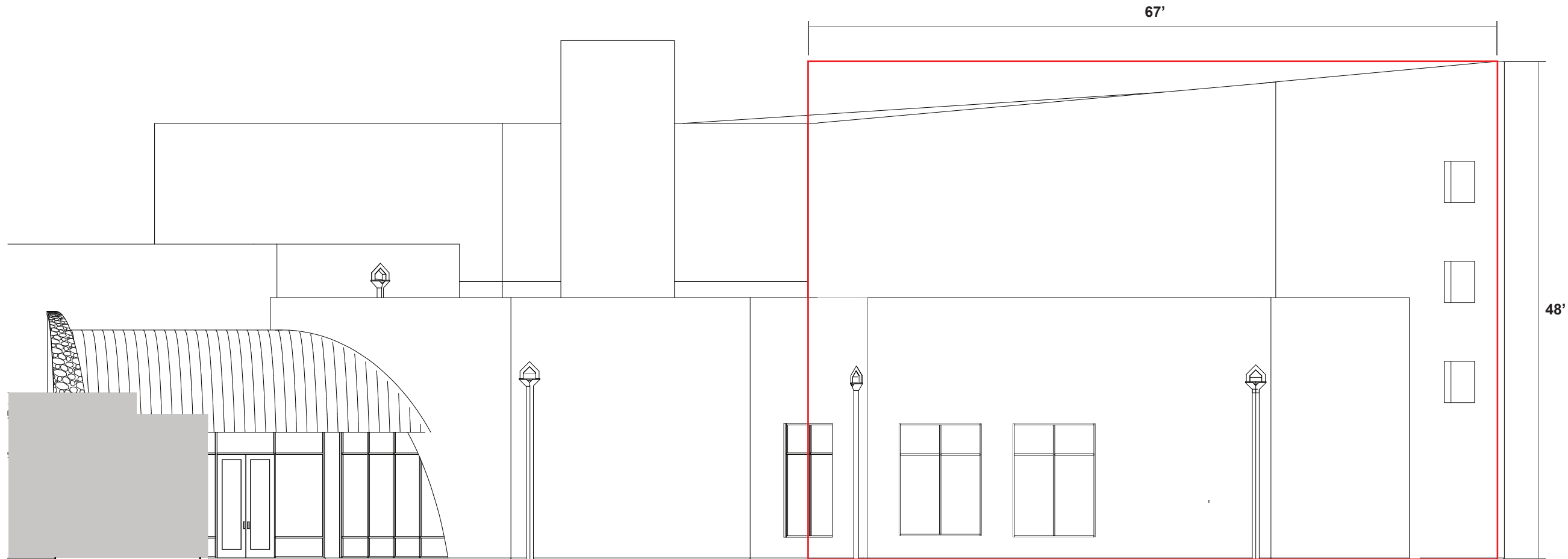
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- 1 1"x1"x1/8" ALUMINUM TUBE FRAME. SKINNED W/ .080" ALUMINUM. PLATE SIDE SKIN REMOVABLE W/ COUNTER SUNK SCREWS FOR MOUNTING.
- 2 EX-3088 CABINET BODY.
- 3 SHOE BOX STYLE EX-3011 F RETAINER. REMOVABLE W/ COUNTER SINK SCREWS THROUGH RETURNS.
- 4 ROUTED .125" ALUMINUM FACES.
- 5 S/F SLOAN SIGN BOX II WHITE LEDS MODEL# 701946-6WS201 16 MODULES 6 FEET 12.8 WATTS
- 6 D/F SLOAN SIGN BOX II WHITE LEDS MODEL# 701946-6WD201 62 MODULES 21 FEET 111.6 WATTS
- 7 (2) HANLEY LED 100 WATT MODEL# H100W-PPS5 2.5 AMPS @ 120V-277V
- 8 INTERNAL UL LABEL & ON/OFF SAFETY SWITCH.
- 9 POWER OUT ON A 6' WHIP NEAR TOP TUBE, SEE #13

- 10 2"x2"x1/4" STEEL ANGLE POLE CAGES.
- 11 5"X5"X1/4" STEEL MOUNTING TUBES.
- 12 CHANNEL MOUNTING PLATE 18" X 12" X 11-3/4" ID USING 3/8" THICK STEEL
- 13 CUSTOMER RUN POWER CONDUIT PATH
- 14 REMOVABLE 1/2" EYEBOLT





WEST ELEVATION - MAIN ENTRANCE

Total Wall Square Footage	3,216
5% of Wall Sqft	160.8 sqft

160.8 sqft allowance for signage

Business Sign (Projecting)	56 sqft
----------------------------	----------------

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The Crossing-Chesterfield

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SALES REP
Andy Hrdlicka

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Jillian Woosley

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RENDERINGS

DAY



NIGHT



PROJECT NUMBER
5193

PROJECT
Exterior Sign Package

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The Crossing-Chesterfield

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Andy Hrdlicka

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Deviation Matrix for Proposed Sign

Sign Type/Description	Ordinance Standard (Section 31-04-05)	Proposed Variance	Difference
Business Sign Attached To Wall	Sec. 31-04-05_F.3.a The outline area of each sign shall not exceed 5% of the wall area where sign is be attached.	The wall area where the sign is be attached is 3,216 Square Feet. The allowable 5% of wall area is 160.80 SF. The Proposed Sign is 56 SF.	Proposed Sign is within allowance for overall area. Sec. 31-04-05_H.2.g Projecting Signs are prohibited.

330 Southport Drive
Columbia, IL 62236
Phone: 618.281.2639
Fax: 618.281.8703
summitsignandgraphics.com

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The Crossing-Chesterfield

CONTACT
Christy Schmidt

PROOF DATE
1/17/19

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2/6/19

SALES REP
Andy Hrdlicka

DRAWN BY
Jillian Woosley

ATTENTION:

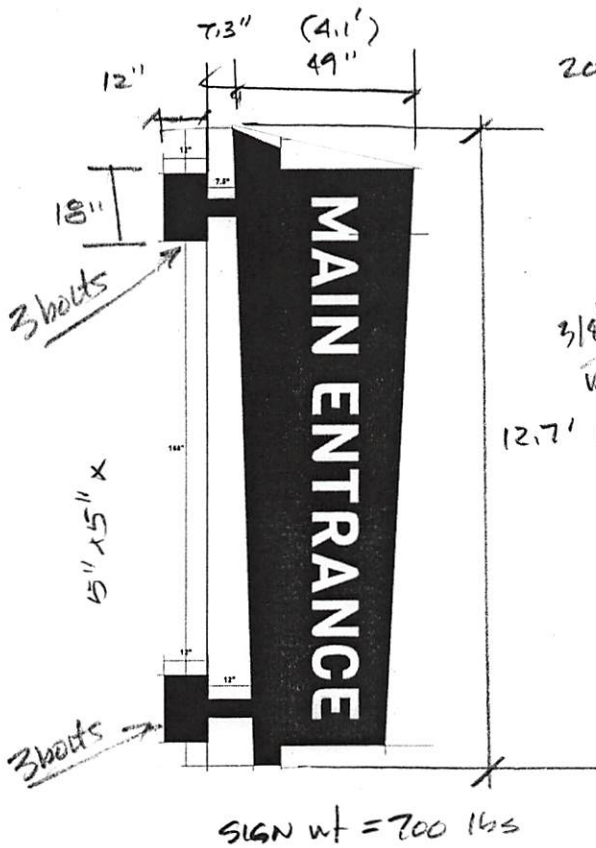
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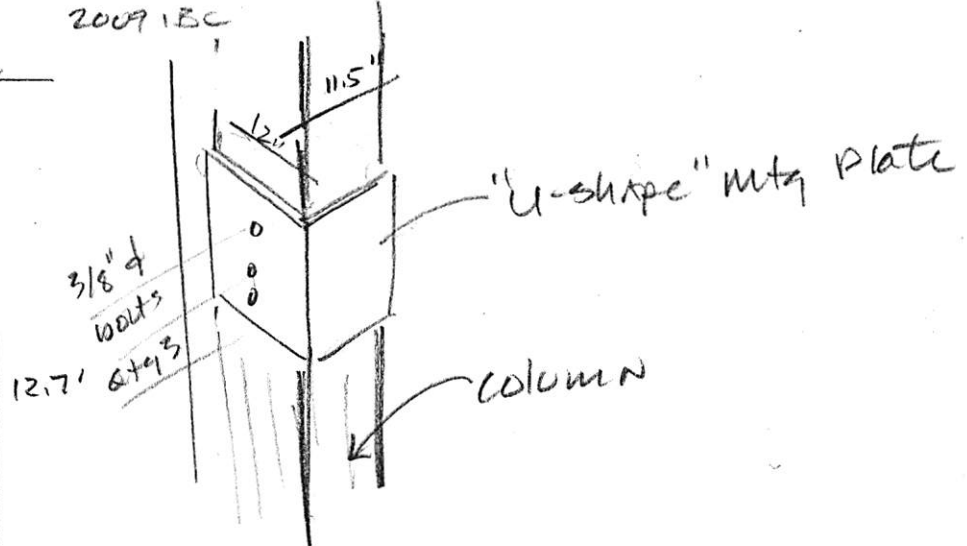
1

MAIN ENTRANCE



SIGN WT = 700 lbs

CHURCH



SHEAR LOAD

SF
SIGN WT = 700 x 4 = 2800
ICE 4.1 x 12.7 x 10 = 520
3320

$\frac{3320}{6 \text{ bolts}} = 553 \text{ lbs per bolt}$

3/8" ϕ , 36K thru-bolts are rated 1469 lbs per bolt
1469 > 553 OK

WIND

ck ARMS

$4.1 \times 12.7 \times 20 = 1041 \times 3 = 3124 \text{ ft}^2$

$S_R = \frac{3124 \times 12}{16,500 \times 2} = 1.14 \text{ m}^3$

$S_P \text{ } 5" \times 5" \times \frac{3}{16} \text{ Al. Tube} = 536 \text{ m}^3$

$5.36 > 1.14$

$S_P > S_R$ OK

WIND @ 20 PSF 90 mph 01 #
SNOW @ 20 PSF ICE @ 20 PSF
ALL DESIGN, DETAILING, FABRICATION, AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING CODES & SPECS:
- IBC 2009 EXP "C"
- CURRENT INTL. BLDG CODE (IBC)
- AMERICAN SOCIETY OF TEST'G MAT'L'S (ASTM)
- BLDG CODE REQMT - REINF CONC (ACI 318-83)
- CODE FOR WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY.
- CURRENT SPECS - AMERICAN INST OF STEEL CONST (ASIC) - DESIGN, FAB, & ERECTION.
STRUCTURAL STEEL AND PLATES - A-36.
STRUCTURAL TUBING - ASTM A-500, GR B, FY=46 KSI. STRUCT PIPE- ASTM A-53, GR B, FY=36 KSI.
ANCHOR BOLTS ASTM A-307, U.N.O..
HI STRGTH BOLTS - CONNECTIONS - ASTM A-325, U.N.O.
WELDING ELECTRODES - AWS D1.1-85, E70xx.
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE ERECTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
CALCULATIONS SHOWN ON THESE SHEETS ARE ONLY FOR THE FASTENERS USED TO CONNECT THE SIGN TO THE BASE
SR = SECTION MODULUS REQUIRED
SP = SECTION MODULUS PROVIDED



Handwritten signature and date: 2/18/2011

CAE 2008010470
CROCKER
3211 E. SHADY GLEN ST
SPRINGFIELD MO 65804
417.883.4056

BLADE SIGN 4,1x12.7

SUMMIT SIGN
THE CROSSINGS
CHURCH

114 N. EATHERTON
CHESTERFIELD, MO

2

Blade Sign | QTY: 1

Overall size: 168" h x 55" w x 14" d
Constructed of aluminum, internally illuminated
Double-sided sign

Main Cabinet: 152" h x 35" w x 10" d

-Aluminum cabinet with custom faux rust textured paint, Matte finish
-Lettering is routed out of the faces and backed with White polycarbonate
Internally illuminated with White LEDs

Accent piece: 168" h x 13" w x 14" d

-Aluminum cabinet painted PMS 7546 C, satin finish

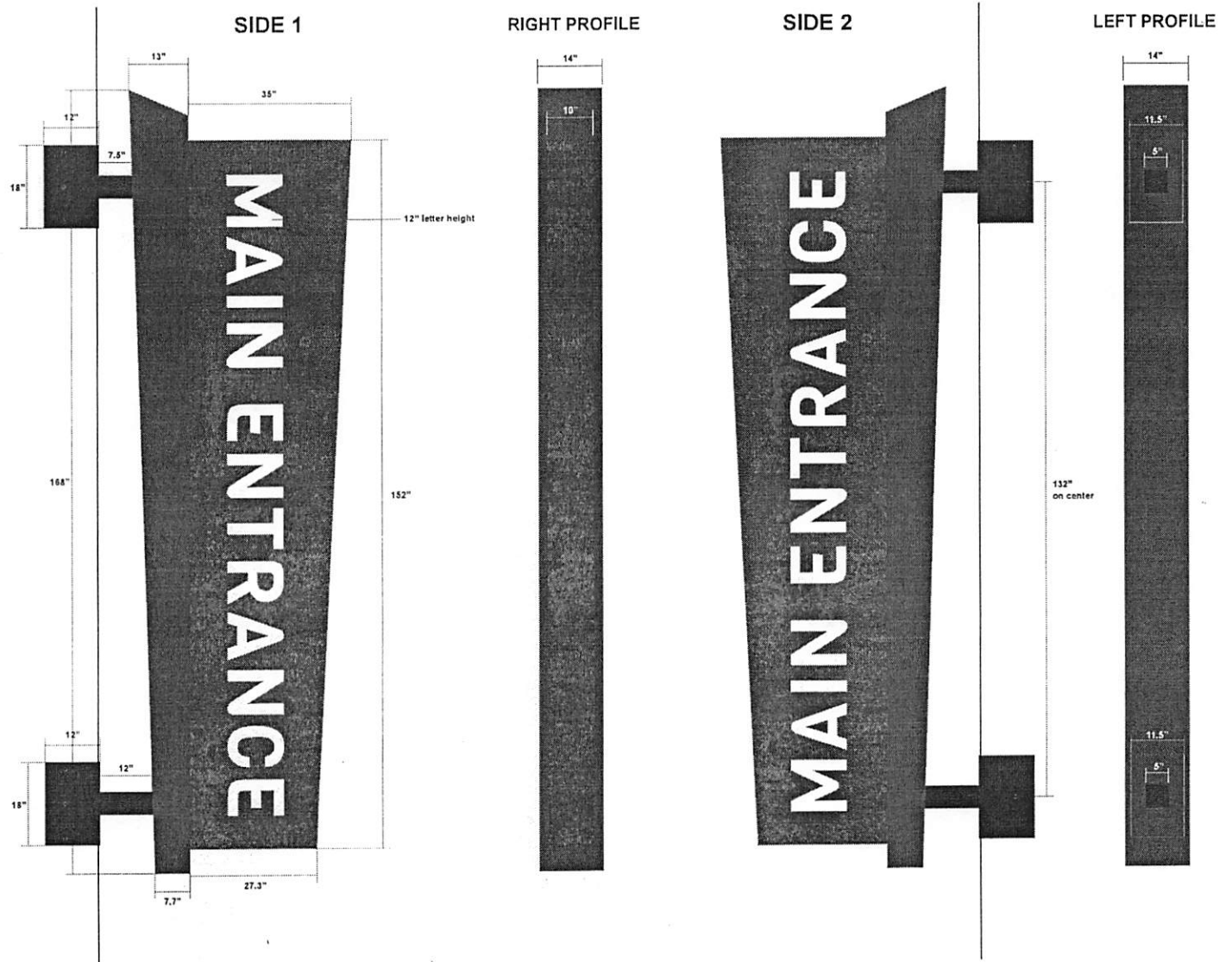
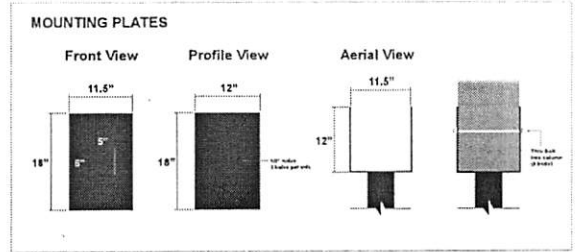
Mounting: aluminum supports with mounting plates

- (2) Supports: 5"x5" square aluminum tubing, painted Matte Black
- (2) Mounting plates: U-shape mounting plates, 1/4" thick aluminum *see drawing to the right
- Painted Matte Black
- 3 holes drilled on each sides 1/2" hole diameter
- Will thru-bolt into concrete column

Color Details

-  Rusted Metal paint finish, Matte
-  White (Polycarbonate)
-  PMS 7546 C
-  Matte Black

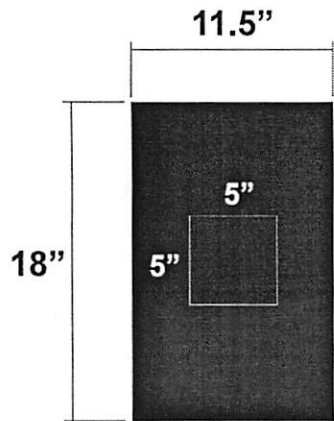
Artwork scaled at 50%



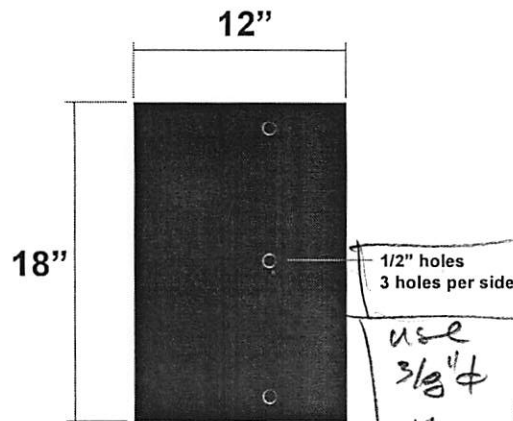
CROCKER
3211 E. SHADY GLEN ST
SPRINGFIELD MO 65804
417.883.4056

MOUNTING PLATES

Front View

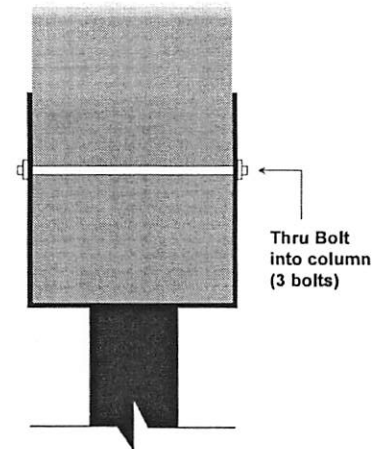
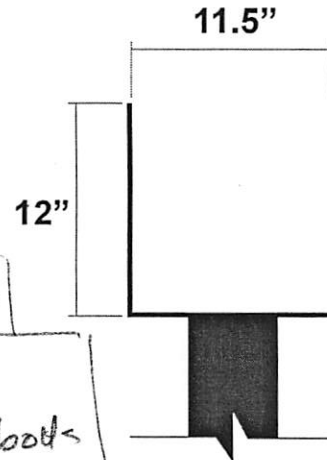


Profile View



use
3/8" ϕ
thru-bolts
36K

Aerial View



BLADE SIGN 4,1 x 12,7
SUMMIT SIGN
THE CROSSINGS CHURCH
114 N. EATHERTON
CHESTERFIELD, MD
3

CROCKER
3211 E. SHADY GLEN ST
SPRINGFIELD MO 65804
417. 883. 4056

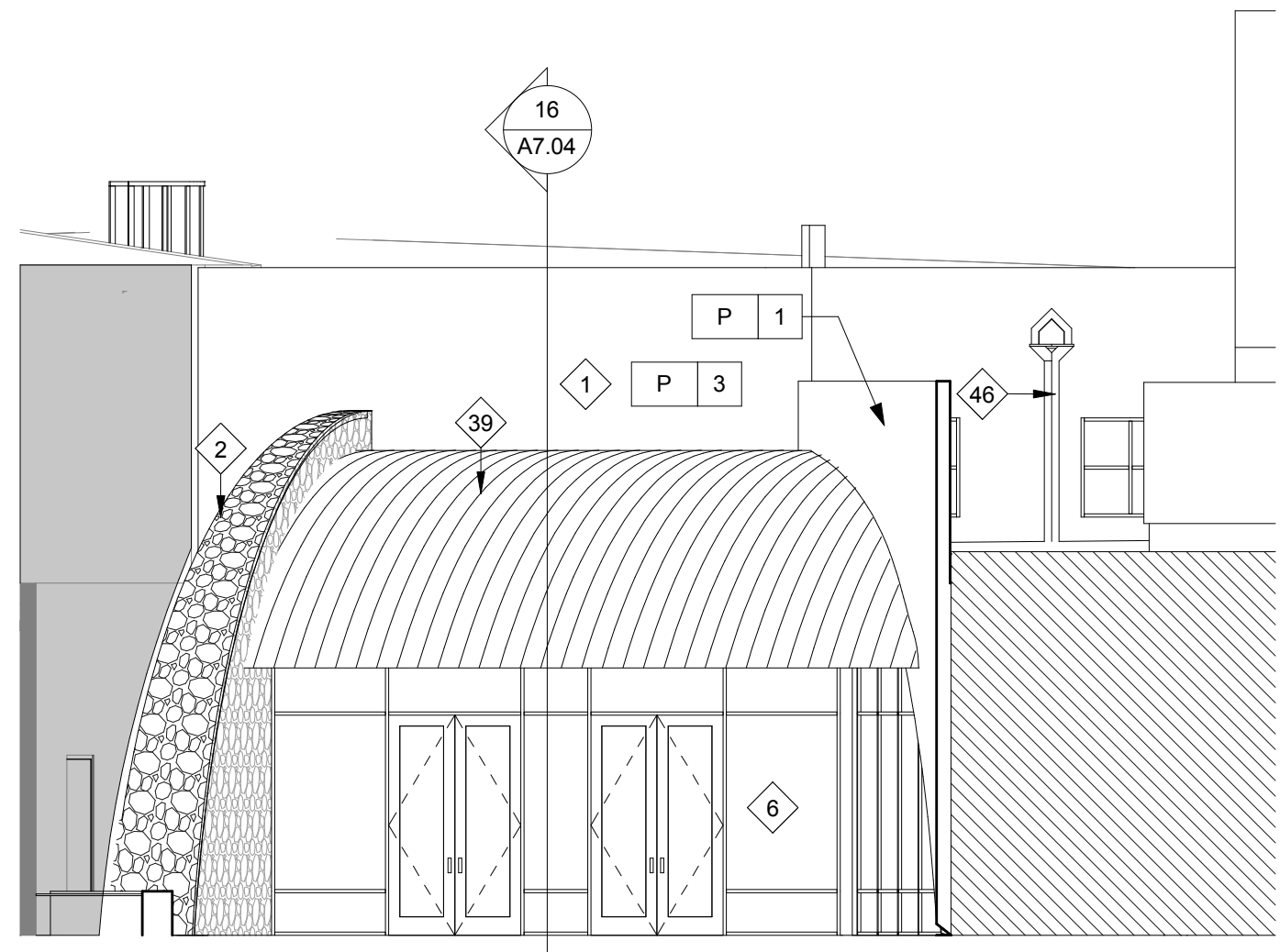
NOTE: REFER TO SHEET A5.06 FOR PAINT LEGEND.

Contact: Sara Wellman
Produced By: Sara Wellman
Reviewed By: Toby Heddinghaus

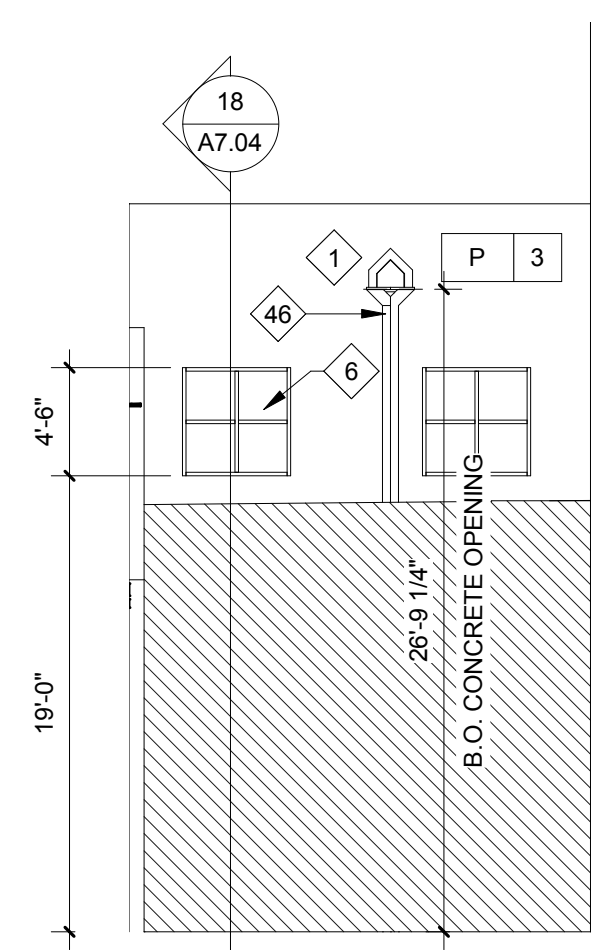
No.	Description	Date
10	BID/ PERMIT SET	09.10.2012
	ASI #3	06.10.2013

EXTERIOR ELEVATION/ SECTION
KEYED NOTES

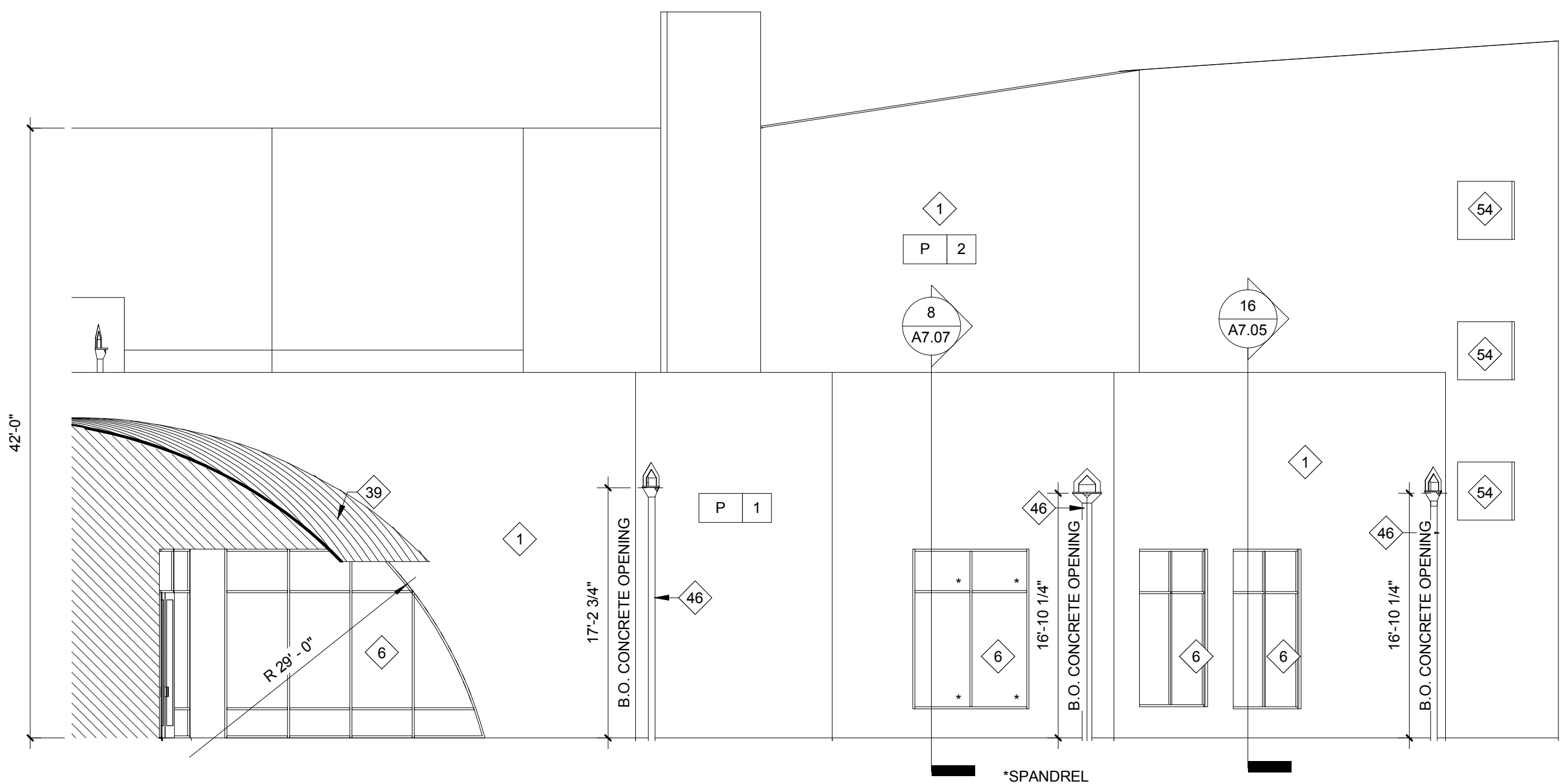
- 1 CONG. TILT-UP PANEL (PTD.) (SEE STRUCT. DWGS)
- 2 CONCRETE TILT-UP PANEL - CULTURED STONE APPLIED (SEE STRUCT. DWGS)
- 3 METAL DECK (SEE STRUCT. DWGS)
- 4 AIR INFILTRATION BARRIER OVER 1/2" EXTERIOR GRADE GYP. BOARD SHEATHING
- 5 STEEL TUBE (SEE STRUCT.)
- 6 1" INSUL. GLASS IN GREEN ANODIZED ALUM. FRAMES TO MATCH EXISTING
- 7 ALUMINUM SILL PAN, W.W.M. TO FIELD VERIFY LENGTH
- 8 2x FIRE-TREATED WD. BLOCKING
- 9 SHIM AND SEALANT EA. SIDE
- 10 ITEM SHOWN BEYOND
- 11 6" UN-REINFORCED CONG. SLAB ON 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRANULAR FILL (SEE STRUCT. DWGS)
- 12 COMPACTED SUBGRADE
- 13 HOLLOW METAL DOOR. SEE DOOR SCHEDULE & PLANS
- 14 BACKER ROD AND SEALANT
- 15 SINGLE-PLY, 60 MIL WHITE T.P.O MEMBRANE ROOF. REFER TO ROOF PLAN FOR MEMBRANE TYPES AND LOCATIONS.
- 16 STEEL JOIST (SEE STRUCT. DWGS)
- 17 KICKERS AS REQUIRED
- 18 3/8" METAL STUDS @ 16" O.C.
- 19 STEEL COLUMN (SEE STRUCT. DWGS)
- 20 ALUMINUM COMPOSITE PANEL - COLOR GREEN TO MATCH EXISTING
- 21 FIBER CEMENT TRIM BOARD - COLOR TO BE DETERMINED
- 22 TAPERED INSULATION
- 23 2-8" THICKENED SLAB @ EXTERIOR DOORS (FROST HEAVE PROTECTION). RE. STRUCT. DWGS.
- 24 CONCRETE FOOTING (SEE STRUCT. DWGS)
- 25 STEEL ANGLE (SEE STRUCT. DWGS.)
- 26 FINISH GRADE (SEE CIVIL DWGS.)
- 27 STRUCTURAL STEEL MEMBER (SEE STRUCT. DWGS)
- 28 FOIL FACED INSUL. TAPE ALL JOINTS. R-19 INSULATION.
- 29 EXT. GRADE SEALANT
- 30 STEEL PIPE BOLLARD (SEE DETAIL 16/A8.02)
- 31 4" CONCRETE WALK (SEE CIVIL DRAWINGS)
- 32 3" RIGID INSULATION BOARD, 3" MIN. THICK.
- 33 2" RIGID PERIMETER FOUNDATION INSULATION, 2'-0" HORIZONTALLY AND THE HEIGHT ON THE FOUNDATION WALL VERTICALLY.
- 34 R30 POLYISOCYANURATE RIGID INSULATION.
- 35 5/8" GYP. BOARD.
- 36 30# FELT UNDERLAYMENT.
- 37 METAL COPING, PRE-FINISHED.
- 38 HI-LIFT SECTIONAL DOCK DOOR - INSTALLER TO PROVIDE ALL NECESSARY ANCHORAGE FOR INSTALLATION OF DOOR.
- 39 METAL STANDING SEAM ROOF - GREEN TO MATCH EXISTING
- 40 CONTINUOUS STEEL CHANNEL, EMBEDDED IN CONCRETE SLAB.
- 41 DOCK BUMPER AND DOCK SEAL
- 42 FIBER CEMENT 5/4x6 SOFFIT BOARDS
- 43 R30 GYPCRETE ROOF SYSTEM WITH 6" MONOLITHIC CONCRETE SLAB MIN.
- 44 5/8" EXTERIOR GRADE SHEATHING
- 45 NEW METAL SCUPPER COLLECTOR HEAD - PAINTED TO MATCH EXISTING. SEE CIVIL DRAWINGS
- 46 METAL DOWNSPOUTS PAINTED TO MATCH EXISTING (PIPE TO STORM DRAIN. SEE CIVIL DRAWINGS)
- 47 1/2" JOINT WITH COMPRESSIBLE FILLER.
- 48 CONCRETE SLAB. (SEE STRUCT.)
- 49 ALUMINUM STOREFRONT ENTRY DOORS.
- 50 R-19 VINYL-FACED INSULATION - COLOR BLACK (FASTEN TO WALL WITH IMPALING PINS)
- 51 EQUIPMENT YARD. SEE ELEVATION 9/A6.03
- 52 EXISTING E.I.F.S., PATCH AS REQUIRED.
- 53 8" REINFORCED CONCRETE MASONRY UNIT WALL. GROUT CELLS SOLID BELOW SLAB. (SEE STRUCT.)
- 54 4'-0" x 4'-0" CUT OUT IN TILT-UP PANEL
- 55 METAL SCREEN, MONSIEUR QUALITY 20 GAUGE (THICKNESS) 3/32" ROUND ON 3/16" STAGGERED PERFORATED METAL GALVANIZED. RUN PATTERN DIAGONAL (NO SPLICING OF PANELS)
- 56 EXPANSION JOINT
- 57 NEW BUILDING ROOF STRUCTURE
- 58 EXISTING BUILDING ROOF STRUCTURE AND PARAPET
- 59 EXISTING CONCRETE TILT-UP PANEL
- 60 EXISTING GYPSUM BOARD FURR OUT
- 61 TAPE & SPACKLE JOINT
- 62 5/8" GYPSUM BOARD FURR OUT TO MATCH EXISTING
- 63 2 HOUR FIRE RATED INFILL, U.L. DESIGN NUMBER U-411, 2 1/2" 25 GA METAL STUDS @ 16" O.C. WITH 2 LAYERS 5/8" FIRECODE GYP. BD. EACH SIDE (TYP. ALL EXISTING PUNCHED OPENINGS IN 2 HOUR SEPARATION WALL) SEE PARTITION TYPE 31.
- 64 EXISTING TILT-UP PANEL OPENING
- 65 EXISTING CONCRETE SLAB TO REMAIN.
- 66 FLOOR LINE
- 67 1/2" GYP. BOARD
- 68 2" METAL "Z" CHANNELS AT 24" O.C. (HORIZONTALLY)
- 69 CONTINUOUS 2 HOUR FIRE RATED SEALANT EACH SIDE OF PARTITION
- 70 COUNTERFLASHING AND REGLET WITH CONT. BEAD OF SEALANT.
- 71 TERMINATE NEW MEMBRANE AT EXISTING ROOF W/ NEW LAP JOINT DETAIL PER MANUFACTURE RECOMMENDATIONS
- 72 E.I.F.S. FINISH OVER 3/4" RIGID INSULATION W/ SPRAY APPLIED WEATHER BARRIER.
- 73 5/8" EXTERIOR GLASS FIBER SURFACE GYPSUM SHEATHING
- 74 2 1/2" METAL STUDS @ 16" O.C.
- 75 DECORATIVE GUARD RAILING
- 76 DECORATIVE ACOUSTICAL PANELS
- 77 PRE-FINISHED FLASHING WITH FULL PERIMETER SEALANT
- 78 1 5/8" METAL FRAMING AT 24" O.C.
- 79 6" METAL FRAMING @ 16" O.C.
- 80 4" METAL FRAMING @ 16" O.C.
- 81 ALUMINUM CLOSURE TRIM - COLOR GREEN
- 82 ALUMINUM ROOF LADDER AND CAGE. RE. 13/A8.02
- 83 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 84 PROVIDE ICE AND SNOW STOPS. (CLEAR)
- 85 6 MIL VAPOR BARRIER BEHIND GYP. BOARD
- 86 2" RIGID BOARD INSULATION



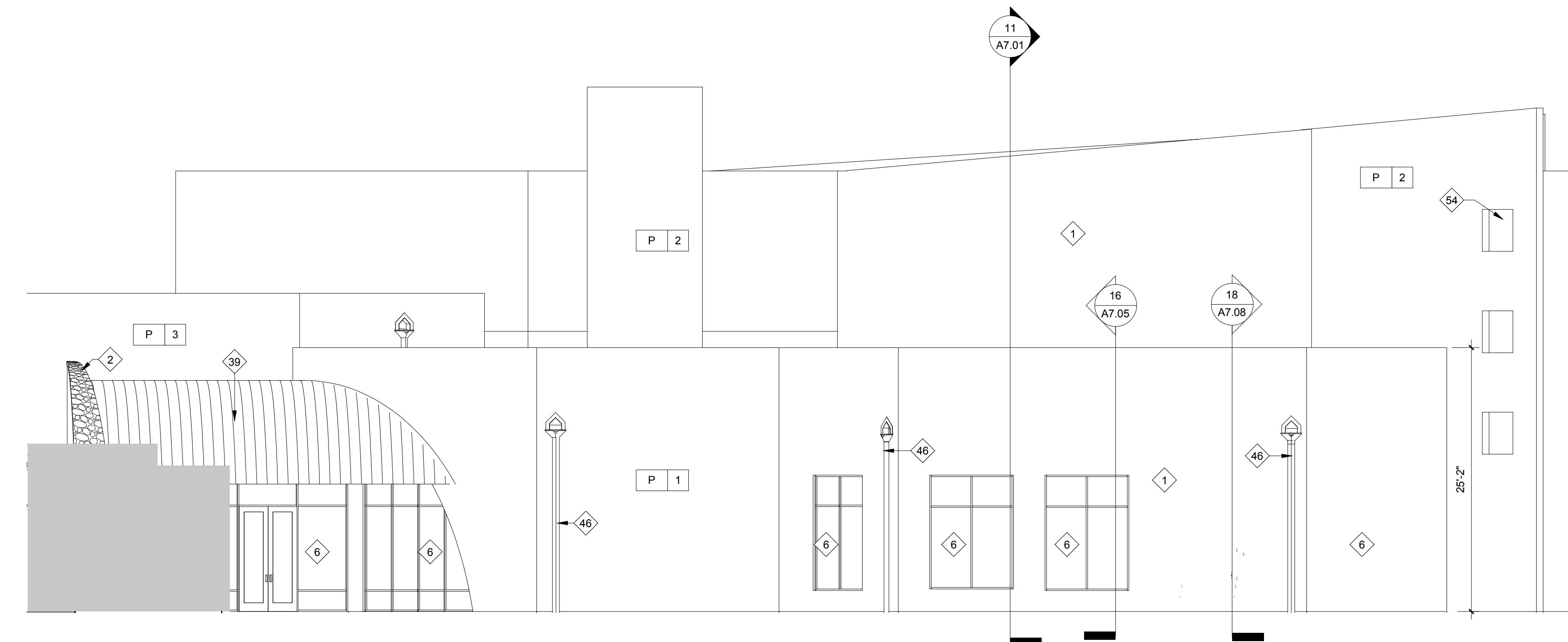
6 WEST ELEVATION - ENTRY
A6.01 1/8" = 1'-0"



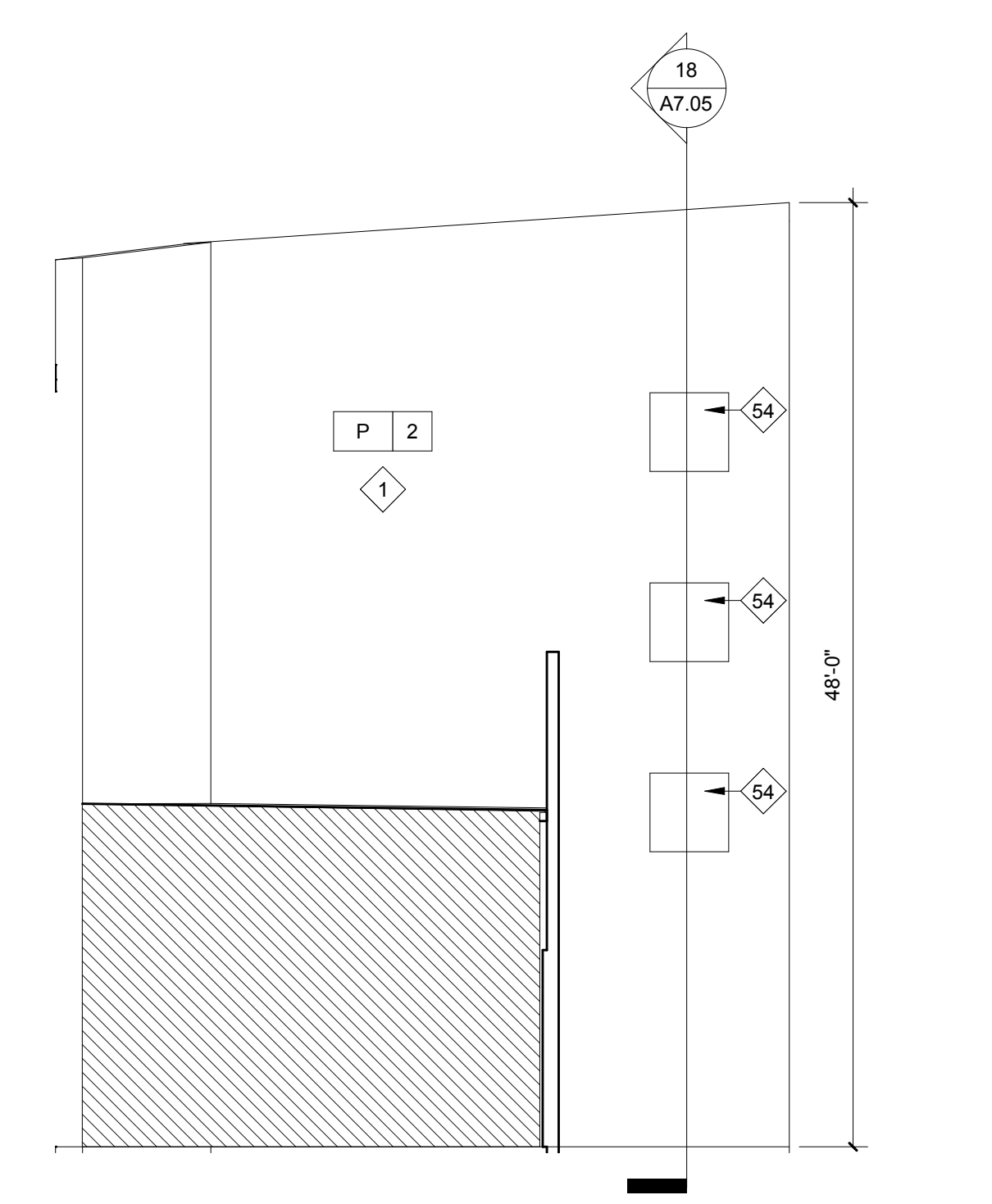
7 WEST CLEARSTORY WINDOWS
A6.01 1/8" = 1'-0"



8 SOUTHWEST ELEVATION
A6.01 1/8" = 1'-0"

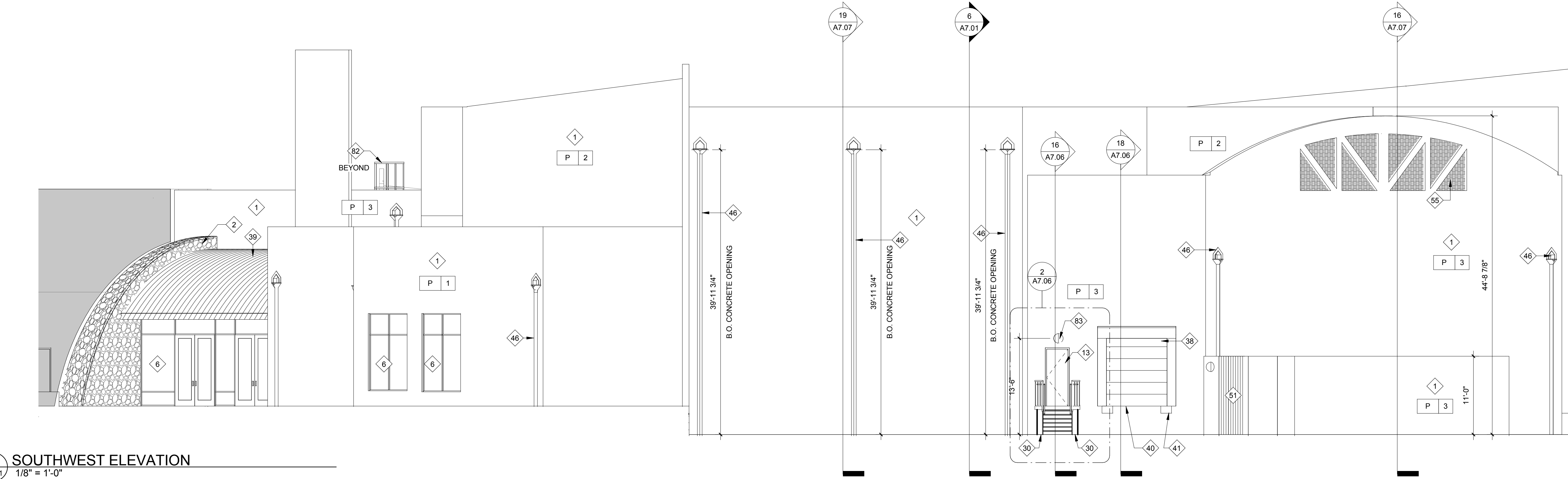


11 WEST ELEVATION
A6.01 1/8" = 1'-0"



14 SOUTHWEST ELEVATION - WING
A6.01 1/8" = 1'-0"

NOTE:
PROVIDE ALTERNATE PRICE TO
REPAINT PHASE II EXTERIOR WALL
PANELS (SEE SHEET A2.00 FOR
LIMITS)



16 SOUTHWEST ELEVATION
A6.01 1/8" = 1'-0"

Construction Documents For:
THE CROSSING AT CHESTERFIELD

114 North Eatherton Road
Chesterfield, Missouri 63005

EXTERIOR ELEVATIONS



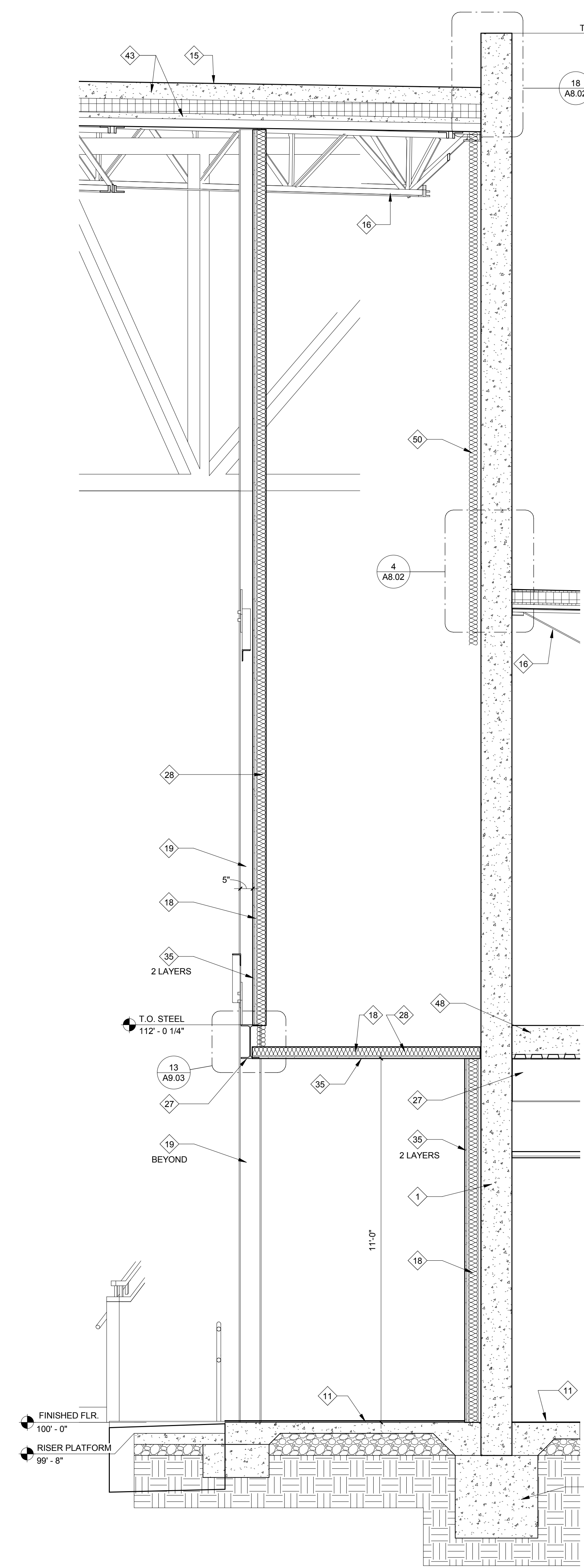
**EXTERIOR ELEVATION/ SECTION
KEYED NOTES**

- 1 CONC. TILT-UP PANEL (PTD.) (SEE STRUCT. DWGS)
- 2 CONCRETE TILT-UP PANEL - CULTURED STONE APPLIED (SEE STRUCT. DWGS)
- 3 METAL DECK (SEE STRUCT. DWGS)
- 4 AIR INFILTRATION BARRIER OVER 1/2" EXTERIOR GRADE GYP. BOARD SHEATHING
- 5 STEEL TUBE (SEE STRUCT)
- 6 1" INSUL. GLASS IN GREEN ANODIZED ALUM. FRAMES TO MATCH EXISTING
- 7 ALUMINUM SILL PAN, W.W.M. TO FIELD VERIFY LENGTH
- 8 2x FIRE-TREATED WD. BLOCKING
- 9 SHIM AND SEALANT EA. SIDE
- 10 ITEM SHOWN BEYOND
- 11 6" UN-REINFORCED CONC. SLAB ON 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRANULAR FILL (SEE STRUCT. DWGS)
- 12 COMPACTED SUBGRADE
- 13 HOLLOW METAL DOOR. SEE DOOR SCHEDULE & PLANS
- 14 BACKER ROD AND SEALANT
- 15 SINGLE-PLY, 60 MIL WHITE T.P.O. MEMBRANE ROOF. REFER TO ROOF PLAN FOR MEMBRANE TYPES AND LOCATIONS.
- 16 STEEL JOIST (SEE STRUCT. DWGS)
- 17 KICKERS AS REQUIRED
- 18 3/8" METAL STUDS @ 16" O.C.
- 19 STEEL COLUMN (SEE STRUCT. DWGS)
- 20 ALUMINUM COMPOSITE PANEL - COLOR GREEN TO MATCH EXISTING
- 21 FIBER CEMENT TRIM BOARD - COLOR TO BE DETERMINED
- 22 TAPERED INSULATION
- 23 2-6" THICKENED SLAB @ EXTERIOR DOORS (FROST HEAVE PROTECTION)- RE: STRUCT. DWGS.
- 24 CONCRETE FOOTING (SEE STRUCT. DWGS)
- 25 STEEL ANGLE (SEE STRUCT. DWGS.)
- 26 FINISH GRADE (SEE CIVIL DWGS.)
- 27 STRUCTURAL STEEL MEMBER (SEE STRUCT. DWGS)
- 28 FOIL FACED INSUL. TAPE ALL JOINTS. R-19 INSULATION.
- 29 EXT. GRADE SEALANT
- 30 STEEL PIPE BOLLARD (SEE DETAIL 16/A8.02).
- 31 4" CONCRETE WALK (SEE CIVIL DRAWINGS)
- 32 3" RIGID INSULATION BOARD. 3" MIN. THICK.
- 33 2" RIGID PERIMETER FOUNDATION INSULATION. 2'-0" HORIZONTALLY AND THE HEIGHT ON THE FOUNDATION WALL VERTICALLY.
- 34 R30 POLYISOCYANATE RIGID INSULATION.
- 35 5/8" GYP. BOARD.
- 36 30# FELT UNDERLAYMENT.
- 37 METAL COPING, PRE-FINISHED.
- 38 HI-LIFT SECTIONAL DOCK DOOR - INSTALLER TO PROVIDE ALL NECESSARY ANCHORAGE FOR INSTALLATION OF DOOR.
- 39 METAL STANDING SEAM ROOF - GREEN TO MATCH EXISTING
- 40 CONTINUOUS STEEL CHANNEL, EMBEDDED IN CONCRETE SLAB.
- 41 DOCK BUMPER AND DOCK SEAL
- 42 FIBER CEMENT 5/4x6 SOFFIT BOARDS
- 43 R30 GYPCRETE ROOF SYSTEM WITH 6" MONOLITHIC CONCRETE SLAB MIN.
- 44 5/8" EXTERIOR GRADE SHEATHING
- 45 NEW METAL SCUPPER COLLECTOR HEAD - PAINTED TO MATCH EXISTING. SEE DETAIL 1/A8.02
- 46 METAL DOWNSPOUTS PAINTED TO MATCH EXISTING (PIPE TO STORM DRAIN, SEE CIVIL DRAWINGS)
- 47 1/2" JOINT WITH COMPRESSIBLE FILLER.
- 48 CONCRETE SLAB. (SEE STRUCT.)
- 49 ALUMINUM STOREFRONT ENTRY DOORS.
- 50 R-19 VINYL-FACED INSULATION - COLOR BLACK (FASTEN TO WALL WITH IMPALING PINS)
- 51 EQUIPMENT YARD. SEE ELEVATION 9/A8.03
- 52 EXISTING E.I.F.S., PATCH AS REQUIRED.
- 53 8" REINFORCED CONCRETE MASONRY UNIT WALL. GROUT CELLS SOLID BELOW SLAB. (SEE STRUCT.)
- 54 4'-0" x 4'-0" CUT OUT IN TILT-UP PANEL
- 55 METAL SCREEN, MCNICHOLS QUALITY 20 GAUGE (THICKNESS) 3/32" ROUND ON 3/16" STAGGERED PERFORATED METAL GALVANIZED-RUN PATTERN DIAGONAL (NO SPLICING OF PANELS)
- 56 EXPANSION JOINT
- 57 NEW BUILDING ROOF STRUCTURE
- 58 EXISTING BUILDING ROOF STRUCTURE AND PARAPET
- 59 EXISTING CONCRETE TILT-UP PANEL
- 60 EXISTING GYPSUM BOARD FURR OUT
- 61 TAPE & SPACKLE JOINT
- 62 5/8" GYPSUM BOARD FURR OUT TO MATCH EXISTING
- 63 2 HOUR FIRE RATED INFILL, U.L. DESIGN NUMBER U-411, 2 1/2" 25 GA METAL STUDS @ 16" O.C. WITH 2 LAYERS 5/8" FIRECODE GYP. BD. EACH SIDE (TYP. ALL EXISTING PUNCHED OPENINGS IN 2 HOUR SEPARATION WALL) SEE PARTITION TYPE 31.
- 64 EXISTING TILT-UP PANEL OPENING
- 65 EXISTING CONCRETE SLAB TO REMAIN.
- 66 FLOOR LINE
- 67 1/2" GYP. BOARD
- 68 2" METAL "Z" CHANNELS AT 24" O.C. (HORIZONTALLY)
- 69 CONTINUOUS 2 HOUR FIRE RATED SEALANT EACH SIDE OF PARTITION
- 70 COUNTERFLASHING AND REGLET WITH CONT. BEAD OF SEALANT.
- 71 TERMINATE NEW MEMBRANE AT EXISTING ROOF W / NEW LAP JOINT DETAIL PER MANUFACTURE RECOMMENDATIONS
- 72 E.I.F.S. FINISH OVER 3/4" RIGID INSULATION W/ SPRAY APPLIED WEATHER BARRIER.
- 73 5/8" EXTERIOR GLASS FIBER SURFACE GYPSUM SHEATHING
- 74 2 1/2" METAL STUDS @ 16" O.C.
- 75 DECORATIVE GUARD RAILING
- 76 DECORATIVE ACOUSTICAL PANELS
- 77 PRE-FINISHED FLASHING WITH FULL PERIMETER SEALANT
- 78 1 5/8" METAL FRAMING AT 24" O.C.
- 79 6" METAL FRAMING @ 16" O.C.
- 80 4" METAL FRAMING @ 16" O.C.
- 81 ALUMINUM CLOSURE TRIM - COLOR GREEN
- 82 ALUMINUM ROOF LADDER AND CAGE. RE: 13/A8.02
- 83 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 84 PROVIDE ICE AND SNOW STOPS. (CLEAR)
- 85 6 MIL VAPOR BARRIER BEHIND GYP. BOARD
- 86 2" RIGID BOARD INSULATION

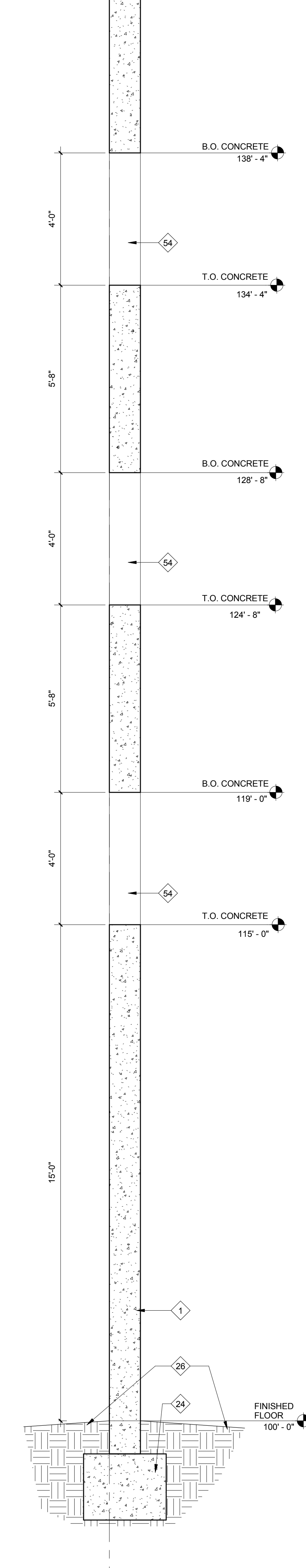
No.	Description	Date
	BID/ PERMIT SET	09.10.2012
1	Addendum #1	09.24.2012
2	Addendum #2	11.12.2012
3	Addendum #3	12.19.2012
6	ASI #1	02.14.2013
10	ASI #3	06.10.2013

Construction Documents For:
THE CROSSING AT CHESTERFIELD
114 North Eatherton Road
Chesterfield, Missouri 63005

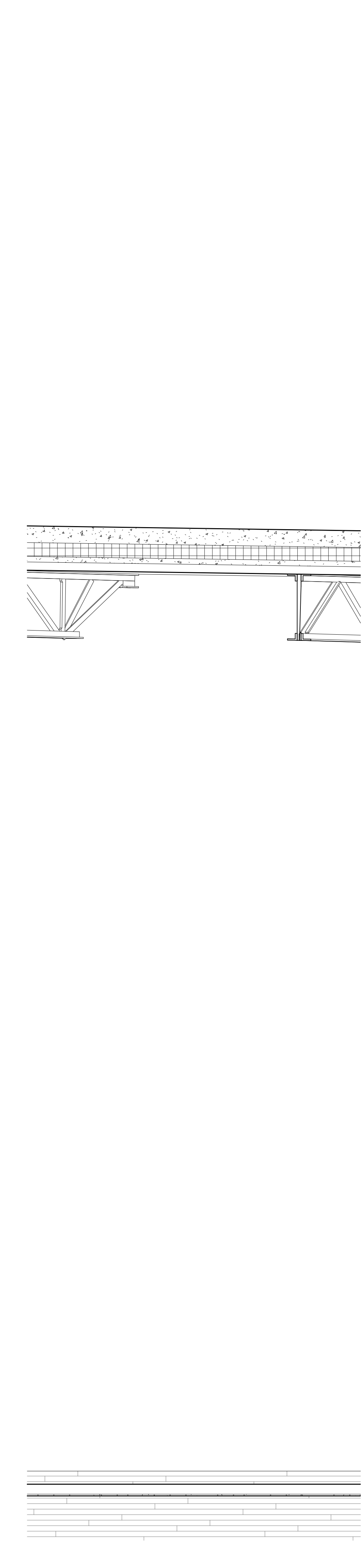
WALL SECTIONS



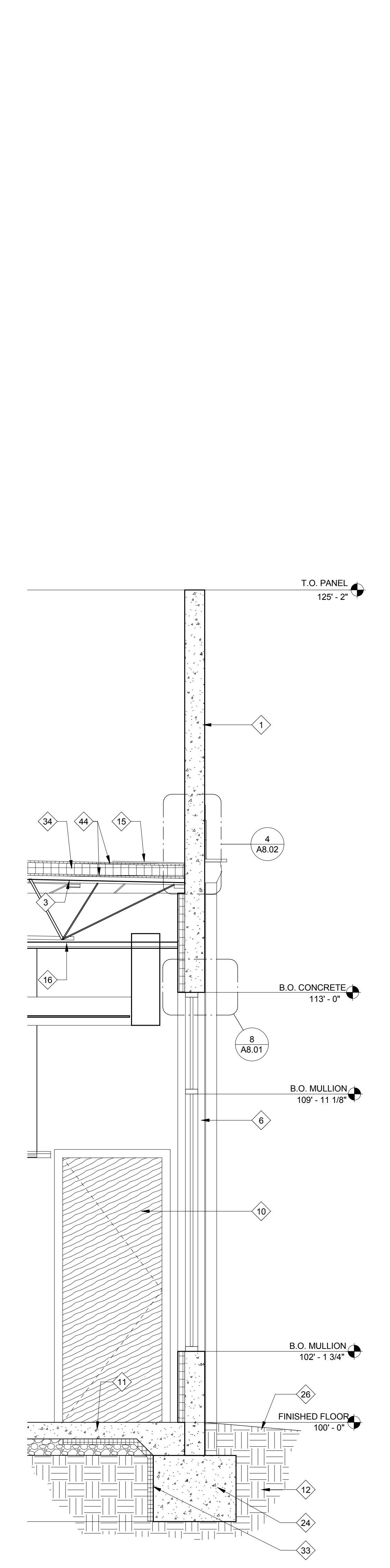
19 WALL SECTION AT AUDITORIUM
1/2" = 1'-0" REF: 16/A2.06



18 WALL SECTION AT WING WALL
1/2" = 1'-0" REF: 16/A2.06



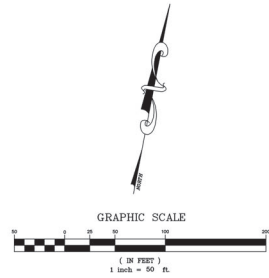
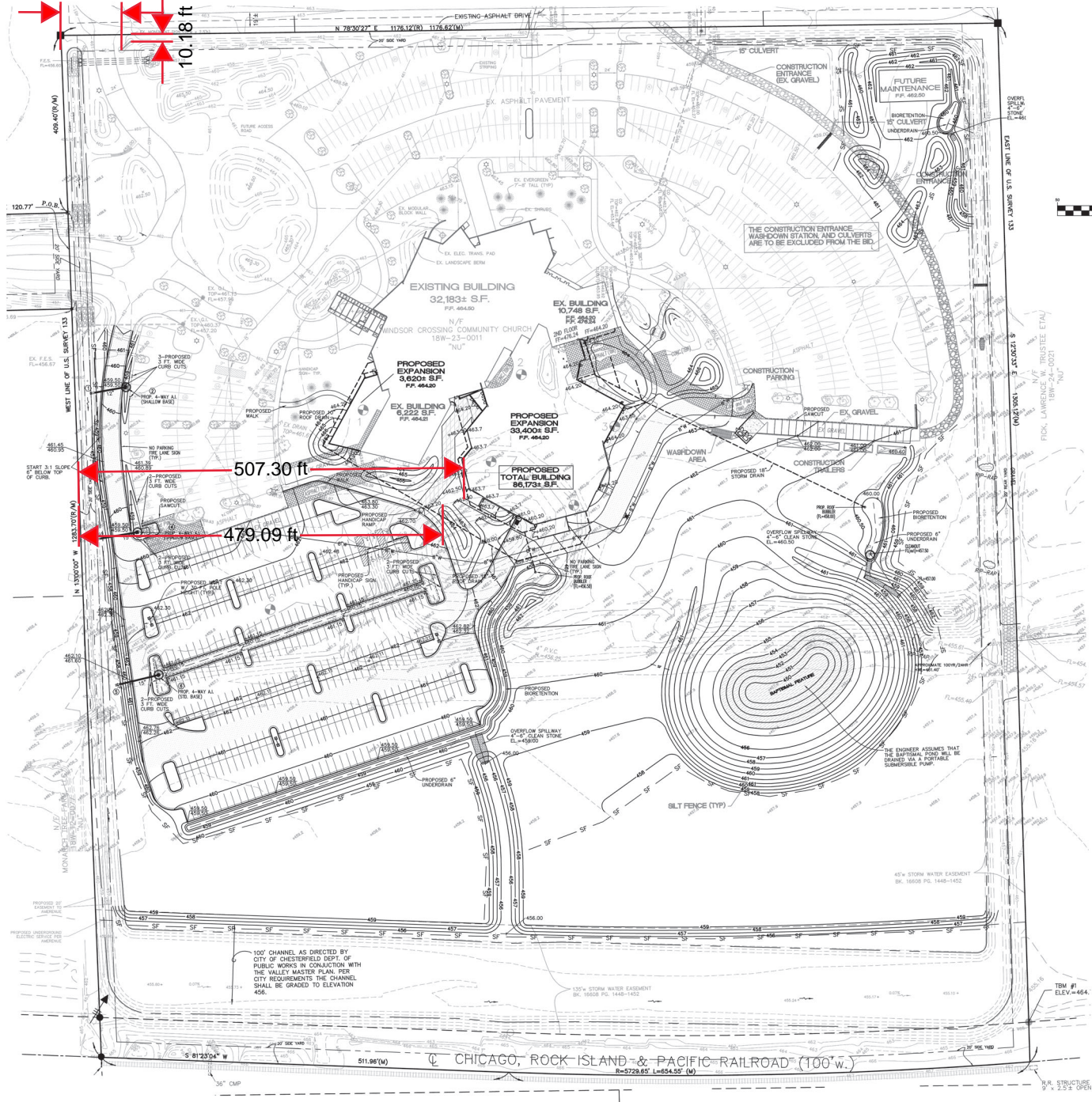
17 WALL SECTION AT CATWALK LADDER
1/2" = 1'-0"



16 WALL SECTION
1/2" = 1'-0" REF: 16/A2.06

80.36 ft

10.18 ft



Custom Scale
6.35mm = 50ft

- 9. MSD APPROVAL SETS - 01/17/13
- 8. MSD APPROVAL SETS - 12/13/12
- 5. REVISED PER MSD AND CITY COMMENTS - 10/15/12
- 3. PERMIT SET - 09/10/12
- 2. REVISED PER CLIENT COMMENTS - 09/07/12
- 1. BID/PERMIT SET - 08/17/12

M.S.D. P# 0024854-04
BASE MAP # 18-W4

WINDSOR CROSSING COMMUNITY CHURCH
SWPP PLAN

Stock & Associates
Consulting Engineers, Inc.

257 Chesterfield Business Parkway
St. Louis, MO 63005
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FAX: (314) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

GEORGE M. STOCK
CIVIL ENGINEER
CERTIFICATE OF AUTHORITY
NUMBER: 000996

01/17/13
E-25116
DATE ORDERED BY: E.J.F. 07/17/12
DATE DESIGNED BY: D.P.B. 07/17/12
DATE CHECKED BY: 211-4817
PAGE: 5 of 12