





**City of Pembroke Pines**  
**Planning & Economic Development Department**  
**601 City Center Way 3<sup>rd</sup> Floor**  
**Pembroke Pines FL, 33025**

**Summary**

|                                 |   |   |   |
|---------------------------------|---|---|---|
| <b>Agenda Date:</b>             | January 8, 2026   | <b>Application ID:</b>                          | ZV2025-0018 – ZV2025-0021                       |
| <b>Project:</b>                 | Memorial Manor & FSER Signage   | <b>Project Number:</b>                          | PRJ2025-0012                                    |
| <b>Project Planner:</b>         | Cole Williams, Senior Planner   |   |   |
| <b>Owner:</b>                   | South Broward Hospital District   | <b>Agent:</b>                                   | Ferrin Signs                                    |
| <b>Location:</b>                | 801 South Douglas Road  | <b>District</b>                                 | District 1                                      |
| <b>Existing Zoning:</b>         | A (Agriculture)   | <b>Existing Land Use:</b>                       | CF (Community Facility)                         |
| <b>Reference Applications:</b>  | ZV2025-0022, SP 2023-0003, SUBDR2023-0001, SN2017-02, ZV2017-10, SP2007-30, SP2007-23, SP2004-32, MSC2004-12, SP94-13, SN93-21, SP88-12, SP75-06  |   |   |
| <b>Variance Summary</b>         |   |   |   |
| <b>Application</b>              | <b>Code Section</b>   | <b>Required/Allowed</b>                         | <b>Request</b>                                  |
| <b>ZV2025-0018</b>              | Table 155.699: Permanent Signs Outparcels and Freestanding Building Monument Sign   | 24 Square Feet of Signage                       | 43.57 Square Feet of Signage                    |
| <b>ZV2025-0019</b>              | Table 155.699: Permanent Signs Outparcels and Freestanding Building Monument Sign   | 24 Square Feet of Signage                       | 43.57 Square Feet of Signage                    |
| <b>ZV2025-0020</b>              | Table 155.699: Permanent Signs Outparcels and Freestanding Building Wall Signs  | 120 Square Feet of Signage                      | 163 Square Feet of Signage                      |
| <b>ZV2025-0021</b>              | Table 155.699: Permanent Signs Outparcels and Freestanding Building Wall Signs  | 60 Square Feet of Signage on the Primary Façade | 88 Square Feet of Signage on the Primary Facade |
| <b>Final:</b>                   | <input checked="" type="checkbox"/> Planning & Zoning Board <input type="checkbox"/> Board of Adjustment  |   |   |
| <b>Reviewed for the Agenda:</b> | Director: <u></u> Assistant Director: <u></u> |   |   |

## **PROJECT DESCRIPTION / BACKGROUND:**

Ferrin Signs, agent, requested five sign variances for Memorial Manor & FSER located at 801 South Douglas Road and 777 South Douglas Road. The items were first heard at the December 12, 2025 Planning and Zoning Board Meeting. ZV2025-0018 – ZV2025-0021 were deferred to the January 8, 2026 to allow for the applicant to reevaluate their request. ZV2025-0022 was approved at the December meeting.

The mailed notice and published legal advertisement reflect the original request. Since that time, however, the applicant has submitted the following revised requests to staff reducing the square footage of the monument sign and total signage for the site:

- To allow a maximum 43.57 square foot monument sign instead of the required maximum of 24 square feet for outparcel and freestanding building monument signs for both buildings
- To allow a maximum of 163 total square feet of signage instead of the required maximum 120 total square feet of signage.
- To allow 88 square feet of signage on the primary façade instead of the required maximum of 60 square feet of signage on the primary façade.

Memorial Manor was approved in 1988 through site plan SP88-12. In 2024, the Planning and Zoning Board approved the new Memorial FSER through site plan SP2023-0003. One (1) monument, 5 directional and 3 wall signs meeting code requirements were approved as part of the application. The current proposal reflects an update to the previously approved plan.

Should the variances be approved, the applicant must obtain all applicable building permits.

## **VARIANCE REQUEST DETAILS:**

The applicant is requesting four sign variances for Memorial Manor & FSER. The applicant has submitted a justification statement that outlines the need for signage variances to ensure visibility and safe wayfinding for emergency responders, patients, and visitors. The revised variance requests, which besides ZV2025-0021 are smaller than the advertised requests are as follows:

- ZV2025-0018: To allow a maximum 43.57 square foot monument sign instead of the required maximum of 24 square feet for outparcel and freestanding building monument signs.
- ZV2025-0019: To allow a maximum 43.57 square foot monument sign instead of the required maximum of 24 square feet for outparcel and freestanding building monument signs.
- ZV2025-0020: To allow a maximum of 163 total square feet of signage instead of the required maximum 120 total square footage signage.
- ZV2025-0021: To allow 88 square feet of signage on the primary façade instead of the required maximum of 60 square feet of signage on the primary façade.

Signage for the site is regulated by Land Development Code. For reference, staff has attached all applicable sections from Article 6 of the Land Development Code.

## **VARIANCE DETERMINATION:**

The Planning & Zoning Board shall not grant any non-single-family residential variances, permits, or make any decision, finding, and determination unless it first determines that:

Its decision and action taken is in harmony with the general purposes of the zoning ordinances of the city and is not contrary to the public interest, health, or welfare, taking into account the character and use of adjoining buildings and those in the vicinity, the number of persons residing or working in the buildings, and traffic conditions in the vicinity.

In the granting of non-single-family residential variances, the Board shall follow Section 155.301(O) Variance:

1. Purpose: To allow for the provision of relief from certain development standards of this LDC for one or more of the following reasons:
  - a) There are special circumstances or conditions applying to the land or building for which the variance is sought, which circumstances are peculiar to the land or building and do not apply generally to land or buildings in the neighborhood, and that the strict application of the provisions of the zoning ordinances would result in an unnecessary hardship and deprive the applicant of the reasonable use of the land or building; or
  - b) Any alleged hardship is not self-created by any person having an interest in the property nor is the result of a mere disregard for or in ignorance of the provisions of the zoning ordinances of the city; or
  - c) Granting the variance is not incompatible with public policy, will not adversely affect any adjacent property owners, and that the circumstances which cause the special conditions are peculiar to the subject property.

**Enclosed:** Variance Request Application  
Variance Justification Statement  
Code Section 155.699  
Updated Sign Package  
Subject Site Aerial Photo



## City of Pembroke Pines Planning and Economic Development Department Unified Development Application

Planning and Economic Development  
City Center - Third Floor  
601 City Center Way  
Pembroke Pines, FL 33025  
Phone: (954) 392-2100  
<http://www.ppines.com>

*Prior to the submission of this application, the applicant must have a pre-application meeting with Planning Division staff to review the proposed project submittal and processing requirements.*

Pre Application Meeting Date: \_\_\_\_\_

# Plans for DRC \_\_\_\_\_ Planner: \_\_\_\_\_

Indicate the type of application you are applying for:

- |   |  |
|---|--|
| <input type="checkbox"/> Appeal*                      | <input type="checkbox"/> Sign Plan   |
| <input type="checkbox"/> Comprehensive Plan Amendment | <input type="checkbox"/> Site Plan*  |
| <input type="checkbox"/> Delegation Request           | <input type="checkbox"/> Site Plan Amendment*                                |
| <input type="checkbox"/> DRI*                         | <input type="checkbox"/> Special Exception*                                  |
| <input type="checkbox"/> DRI Amendment (NOPC)*        | <input type="checkbox"/> Variance (Homeowner Residential)                    |
| <input type="checkbox"/> Flexibility Allocation       | <input checked="" type="checkbox"/> Variance (Multifamily, Non-residential)* |
| <input type="checkbox"/> Interpretation*              | <input type="checkbox"/> Zoning Change (Map or PUD)*                         |
| <input type="checkbox"/> Land Use Plan Map Amendment* | <input type="checkbox"/> Zoning Change (Text)                                |
| <input type="checkbox"/> Miscellaneous                | <input type="checkbox"/> Zoning Exception*                                   |
| <input type="checkbox"/> Plat*                        | <input type="checkbox"/> Deed Restriction                                    |

### INSTRUCTIONS:

1. All questions must be completed on this application. If not applicable, mark *N/A*.
2. Include all submittal requirements / attachments with this application.
3. All applicable fees are due when the application is submitted (Fees adjusted annually).
4. Include mailing labels of all property owners within a 500 feet radius of affected site with signed affidavit (Applications types marked with \*).
5. All plans must be submitted no later than noon on Thursday to be considered for Development Review Committee (DRC) review the following week.
6. Adjacent Homeowners Associations need to be noticed after issuance of a project number and a minimum of 30 days before hearing. (Applications types marked with \*).
7. The applicant is responsible for addressing staff review comments in a timely manner. Any application which remains inactive for over 6 months will be removed from staff review. A new, updated, application will be required with applicable fees.
8. Applicants presenting demonstration boards or architectural renderings to the City Commission must have an electronic copy (PDF) of each board submitted to Planning Division no later than the Monday preceding the meeting.

### Staff Use Only

Project Planner: \_\_\_\_\_ Project #: PRJ 20\_\_\_\_ - \_\_\_\_\_ Application #: \_\_\_\_\_

Date Submitted: \_\_\_\_/\_\_\_\_/\_\_\_\_ Posted Signs Required: (\_\_\_\_) Fees: \$ \_\_\_\_\_

**SECTION 1-PROJECT INFORMATION:**Project Name: Memorial Healthcare SystemProject Address: 801 S. Douglas Rd.Location / Shopping Center: N/AAcreage of Property: 857,565 Building Square Feet: 138,784Flexibility Zone: \_\_\_\_\_ Folio Number(s): 514116190010

Plat Name: \_\_\_\_\_ Traffic Analysis Zone (TAZ): \_\_\_\_\_

Legal Description: SOUTH BROWARD HOSPITAL DISTRICT ANCILLARY FACILITY 1Has this project been previously submitted? ☐ Yes ☒ No

Describe previous applications on property (Approved Variances, Deed Restrictions, etc...) Include previous application numbers and any conditions of approval.

| Date | Application | Request | Action | Resolution/<br>Ordinance # | Conditions of Approval |
|------|-------------|---------|--------|----------------------------|------------------------|
|      |             |         |        |                            |                        |
|      |             |         |        |                            |                        |
|      |             |         |        |                            |                        |
|      |             |         |        |                            |                        |
|      |             |         |        |                            |                        |

**SECTION 2 - APPLICANT / OWNER / AGENT INFORMATION**Owner's Name: SOUTH BROWARD HOSPITAL DISTRICT ATTN:PROPERTY MANAGOwner's Address: 3111 STIRLING RD FORT LAUDERDALE, FL 33312-6566Owner's Email Address: MAcherman@mhs.net

Owner's Phone: \_\_\_\_\_ Owner's Fax: \_\_\_\_\_

Agent: Ferrin SignsContact Person: Patty YbarraAgent's Address: 945 26th St.Agent's Email Address: patty.ybarra@ferrinsigns.comAgent's Phone: 561-802-4242 Agent's Fax: \_\_\_\_\_

*All staff comments will be sent directly to agent unless otherwise instructed in writing from the owner.*

**SECTION 3- LAND USE AND ZONING INFORMATION:****EXISTING**

Zoning: \_\_\_\_\_

Land Use / Density: \_\_\_\_\_

Use: \_\_\_\_\_

Plat Name: \_\_\_\_\_

Plat Restrictive Note: \_\_\_\_\_

**PROPOSED**

Zoning: \_\_\_\_\_

Land Use / Density: \_\_\_\_\_

Use: \_\_\_\_\_

Plat Name: \_\_\_\_\_

Plat Restrictive Note: \_\_\_\_\_

**ADJACENT ZONING**

North: \_\_\_\_\_

South: \_\_\_\_\_

East: \_\_\_\_\_

West: \_\_\_\_\_

**ADJACENT LAND USE PLAN**

North: \_\_\_\_\_

South: \_\_\_\_\_

East: \_\_\_\_\_

West: \_\_\_\_\_

*-This page is for Variance, Zoning Appeal, Interpretation and Land Use applications only-*

**SECTION 4 – VARIANCE • ZONING APPEAL • INTERPRETATION ONLY**

Application Type (Circle One): ☒ Variance ☐ Zoning Appeal ☐ Interpretation

Related Applications: \_\_\_\_\_

Code Section: \_\_\_\_\_

Required: \_\_\_\_\_

Request: \_\_\_\_\_

Details of Variance, Zoning Appeal, Interpretation Request:

- Exceeding monument sign square footage for Memorial Manor
- Exceed monument sign square footage for Memorial FSER
- Total Square footage for Memorial FSER
- More than 60 square feet of signage on the primary façade.
- Directional Signage exceeding 1.5 square feet.

**SECTION 5 - LAND USE PLAN AMENDMENT APPLICATION ONLY**

☐ City Amendment Only

☐ City and County Amendment

Existing City Land Use: \_\_\_\_\_

Requested City Land Use: \_\_\_\_\_

Existing County Land Use: \_\_\_\_\_

Requested County Land Use: \_\_\_\_\_

**SECTION 6 - DESCRIPTION OF PROJECT** (attach additional pages if necessary)

Additional signage for Memorial Healthcare Systems



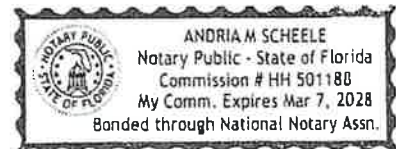
## SECTION 7- PROJECT AUTHORIZATION

### OWNER CERTIFICATION

This is to certify that I am the owner of the property described in this application and that all information supplied herein is true and correct to the best of my knowledge.

[Signature] 10/10/25  
Signature of Owner Date

Sworn and Subscribed before me this 10<sup>th</sup> day  
of October, 20 25



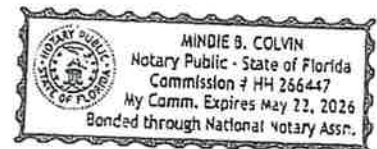
[Signature] 3/7/28  
Fee Paid Signature of Notary Public My Commission Expires

### AGENT CERTIFICATION

This is to certify that I am the agent of the property owner described in this application and that all information supplied herein is true and correct to the best of my knowledge.

[Signature] 10/10/25  
Signature of Agent Date

Sworn and Subscribed before me this 10<sup>th</sup> day  
of October, 20 25



Mindie B. Colvin 5.22.2026  
Fee Paid Signature of Notary Public My Commission Expires

Waiver of Florida Statutes Section 166.033, Development Permits and Orders

Applicant: Ferrin Signs

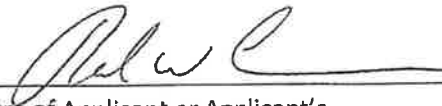
Authorized Representative: Ralph W Lashell

Application Number: \_\_\_\_\_

Application Request: \_\_\_\_\_

I, Ralph W Lashell (print Applicant/Authorized Representative name), on behalf of Ferrin Signs (Applicant), hereby waive the deadlines and/or procedural requirements of Florida Statute Section 166.033 as the provisions of said statute apply to the above referenced application, including, but not limited to the following:

- a. 30-day requirement for Applicant Response to Staff determination of incompleteness as described in DRC Comments and/or Letter to Applicant;
- b. 30-day Staff review of Applicant Response to DRC Comments and/ or Letter to Applicant;
- c. Limitation of three (3) Staff Requests for Additional Information;
- d. Requirement of Final Determination on Applicant's application approving, denying, or approving with conditions within 120 or 180 days of the determination of incompleteness, as applicable.

 10/10/25  
Signature of Applicant or Applicant's Date  
Authorized Representative

RALPH W LASHELL  
Print Name of Applicant/Authorized Representative

## Justification Statement – Memorial Healthcare System

The requested sign variances are necessary to ensure safe, clear identification of the hospital campus. As a critical care facility, the hospital must provide highly visible signage so emergency responders, patients, and visitors can quickly locate entrances and services. The site's setbacks, roadway conditions, and campus layout require signage that exceeds standard code limits to maintain adequate visibility and effective wayfinding.

The proposed signs enhance public safety, reduce confusion, and support timely emergency response. They are appropriately scaled for a hospital setting, do not create visual clutter, and remain consistent with the overall intent of the sign code. The requested variances represent the minimum adjustments needed for safe and efficient access to this essential community facility.

- (c) Master sign plan review. An application for a master sign plan shall be reviewed by Planning and Zoning Board and be determined consistent with 155.695.
- (d) Individual sign permits. Individual sign building permits are required for all signs contained within an approved master sign plan.

## 155.699 PERMANENT SIGNS

Only such permanent signs as are detailed herein below shall be permitted to be erected or maintained upon any building lot, lot, or parcel of land:

| Table 155.699: Permanent Signs                     |  |   |  |  |
|--|--|---|--|--|
| Sign Type  | Maximum Square Footage                                       | Maximum Number of Signs   | Maximum Height   | Additional Regulations   |
| Directional and Informational Signs                | 1.5 square feet  | To be determined by staff based on shopping center design and circulation | Shall be in conformance with engineering standards in code 52. | Allowed where there are two or more buildings; a building has a drive thru; or a building is not visible from primary frontage.                                  |
| Directory Sign                                     | 32 square feet   | 1 per ingress to the site   | 8 feet   | Not to exceed 3 signs per shopping center  |
| Menu Board   | 32 square feet   | 1 per drive thru lane   | N/A  | Illuminated sign shall not be visible from adjacent right-of-way.  |
| Model Home Signs                                   | 3 square feet  | 1 per model   | N/A  | N/A  |
| Nameplate / Identification Sign                    | 3 square feet  | 1 in the front and the rear of the building / tenant bay                  | 3 inches   | N/A  |
| Outparcels and Freestanding Building Monument Sign | 24 square feet   | 1   | 7.5 feet   | Shall count towards the maximum allowed sign area for the site (120 square feet)   |
| Outparcels and Freestanding Building Wall Signs    | Up to 120 square feet for the site (including monument sign) | N/A   | N/A  | No more than 60 square feet of signage shall be placed on the primary façade. Secondary Sign area shall be equal to or less than the sign on the primary façade. |
| Parking Identification Signs                       | 1.5 square feet  | 1 per designated parking space  | 8.5 feet   | N/A  |

Table 155.699: Permanent Signs

| Sign Type                             | Maximum Square Footage  | Maximum Number of Signs  | Maximum Height         | Additional Regulations  |
|---------------------------------------|---|--|------------------------|---|
| Regional Mall Outparcel Monument Sign | 24 square feet facing Pines Boulevard or other arterial roadway and 16 square feet facing the ring road or interior of the site | 2, one facing Pines Boulevard or other arterial roadway, and the second facing the ring road or interior of the site   | 7.5 feet               | N/A   |
| Regional Mall Outparcel Wall Sign     | 80 square feet  | N/A  | N/A                    | No more than 40 square feet of signage shall be placed on the primary façade. Secondary Sign area shall be equal to or less than the sign on the primary façade.                      |
| Residential Subdivision Sign          | 32 square feet  | 1 per subdivision entrance. Signs located on either side of the entrance shall be counted as 1 sign  | 15 feet above grade[1] | N/A   |
| Service Station Monument Sign         | 36 square feet total  | 1  | 7.5 feet               | Price panels shall not exceed 24 square feet  |
| Service Station Wall Sign             | Up to 120 square feet for the site (including monument sign)  | N/A  | N/A                    | . No more than 60 square feet of signage shall be placed on the primary façade. Secondary Sign area (including canopy) shall be equal to or less than the sign on the primary façade. |
| Shopping Center Monument Sign         | 48 square feet  | 1 per shopping center, plus one additional if the shopping center fronts on two main thoroughfares of at least secondary arterial designation (80 feet right-of-way) , or the shopping center has a minimum 1,500 lineal feet of frontage along a single thoroughfare. | 9 feet                 | A third monument sign shall be permitted if the shopping center meets both of the aforementioned standards.   |

| Table 155.699: Permanent Signs  |   |                             |                             |                             |
|---|---|-----------------------------|-----------------------------|-----------------------------|
| Sign Type   | Maximum Square Footage                        | Maximum Number of Signs     | Maximum Height              | Additional Regulations      |
| Supergraphics   | 25% of the area of the primary building face. | N/A                         | N/A                         | N/A                         |
| Tenant Bay Wall Sign  | Master or Uniform Sign Plan                   | Master or Uniform Sign Plan | Master or Uniform Sign Plan | Master or Uniform Sign Plan |
| <p>[1] The sign copy is limited to 15 feet above grade, the structure may extend past 15 feet from grade.</p> <p>All electrical wiring, conduit, connections and the like shall be internally routed, so they are not exposed to view. Electrical boxes shall be painted to match the façade or concealed where feasible.</p> |   |                             |                             |                             |

## 155.6100 PERMANENT SIGNS – SUPPLEMENTAL REGULATIONS

(A) Bus bench advertising signs. Bus bench advertising signs must be located on bona fide bus stops, one bench per stop. Signs shall conform to the conditions of the City's contract entered into with a qualified bus bench provider.

### (B) Changeable Copy Signs

1. The following uses may be permitted an additional 50 square feet of sign area to display changeable copy
  - (a) Changeable copy wall signage may be permitted for outparcels and freestanding buildings which are occupied by:
    - i. Theaters
  - (b) Changeable copy monument signage may be permitted for outparcels and free standing buildings which are occupied by
    - i. Community facilities
    - ii. Schools
    - iii. Religious institutions
  - (c) Changeable copy signage may also be permitted for inline tenant bays which are occupied by multi-screen theater tenants.
2. Theaters may be permitted additional sign area to display changeable copy, not to exceed 25 square feet per additional screen with a maximum of 175 square feet of total sign area, if the theater contains eight or more screens.

### (C) Directory signs.

1. Directory signage may be permitted with shopping centers, office and/or industrial parks upon satisfying the following design criteria and gaining the approval of the Planning and Zoning Board.
  - (a) Directory signs shall be designed, built and maintained by the center owner.
  - (b) Individual tenant identification lettering shall not be less than two inches in height.



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

Signage Site Plan Symbols

(E) EXTERIOR SIGN

(I) INTERIOR SIGN

SIGN-TYPE COLOR CODES

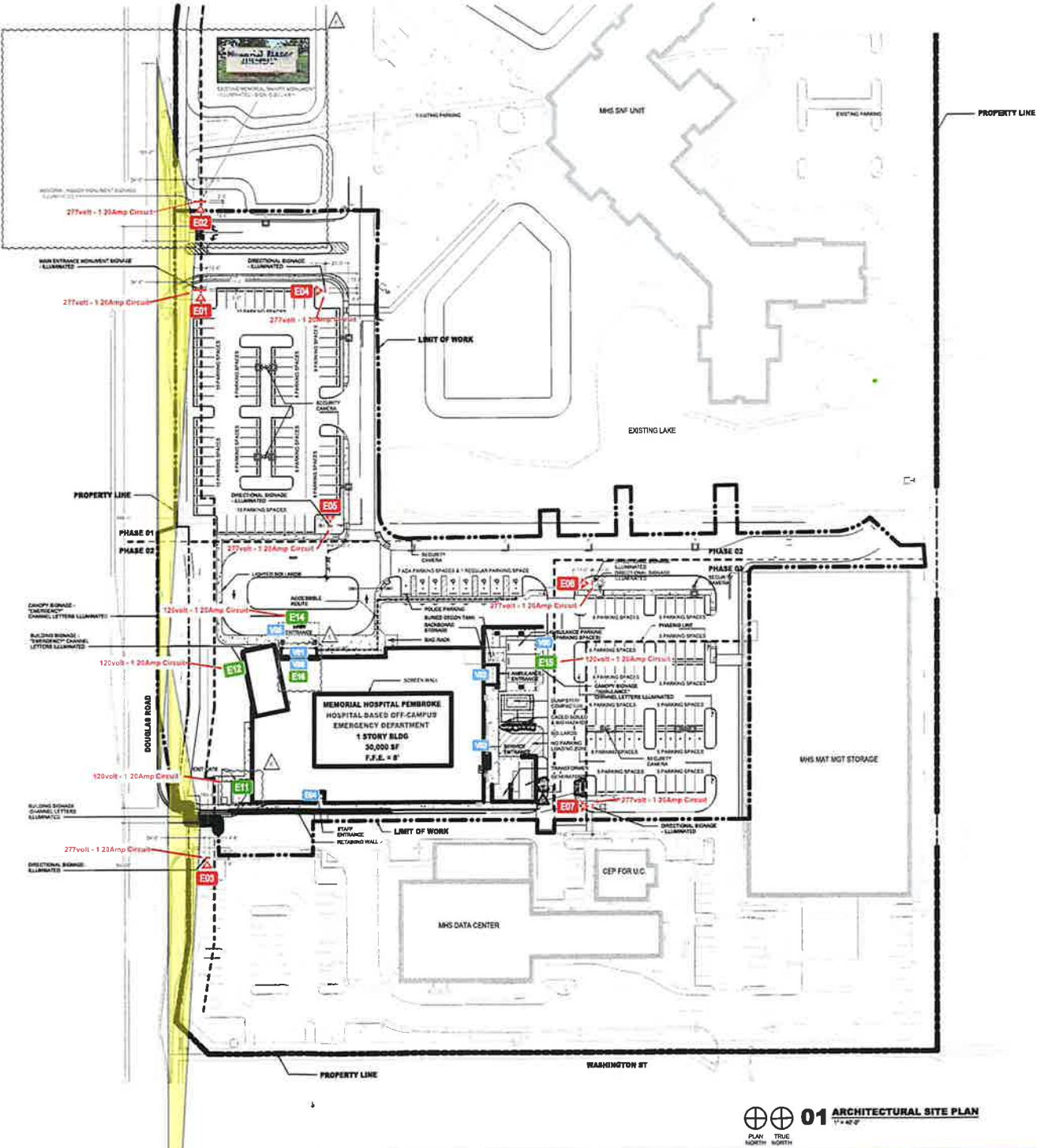
|                 |              |
|-----------------|--------------|
| GROUND SIGNS    | TRAFFIC      |
| BUILDING SIGNS  | NOTICE SIGNS |
| V.V.V. GRAPHICS | INTERIOR     |
| PARKING SIGNS   | SPECIALTY    |

Exterior Ground Signage

| Sign #                | sq.ft. | Sign Type  |
|-----------------------|--------|--|
| E01                   | 43.57  | Main Entrance Monument - Illuminated (Permit, Variance)  |
| E02                   | 43.57  | Memorial Manor Monument - Illuminated (Permit, Variance) |
| E03                   | 16.66  | Directional - Illuminated                                |
| E04                   | 16.66  | Directional - Illuminated                                |
| E05                   | 16.66  | Directional - Illuminated                                |
| E06                   | 16.66  | Directional - Illuminated                                |
| E07                   | 16.66  | Directional - Illuminated                                |
| Total: 170.44 sq. ft. |        |  |

Exterior Building Signage

| Sign #                | sq.ft. | Sign Type   |
|-----------------------|--------|---|
| E12                   | 43.54  | EMERGENCY w/ M. (Glove Channel) Letters - Illuminated |
| E11                   | 44.14  | Memorial Emergency Care Channel Letters - Illuminated |
| E14                   | 21.84  | EMERGENCY Canopy Channel Letters - Illuminated        |
| E15                   | 9.90   | AMBULANCE Canopy Channel Letters - Illuminated        |
| Total: 119.43 sq. ft. |        |   |



FERRIN  
SIGNS

Flamingo  
SIGNS

Divisions of  
Gardner  
signs

945 26th St,  
West Palm Beach, FL 33407  
561.802.4242

FLORIDA  
4444 SE Commerce  
Stuart, FL 34997  
772.220.7377

MICHIGAN  
1087 Naughton Dr  
Troy, MI 48068  
248.689-9100

OHIO  
3800 Airport Hwy  
Toledo, OH 43615  
419.395.6669

www.ferrinsigns.com

JOB INFORMATION

CLIENT: MEMORIAL EMERGENCY CARE  
PROJECT: FACELIT CHANNEL LETTERS  
LOCATION: 801 S. DOUGLAS RD., PEMBROKE PINES, FL

COUNTY:  
SALESPERSON: J. PRYMAS

DESIGN INFORMATION

SCALE: AS NOTED  
DESIGNER: C. COOPER  
DATE: 7/8/25  
REVISIONS:

FILE: #0725007 MEMORIAL EMERGENCY CARE PEMBROKE

CLIENT AUTHORIZATION

SIGNED BY:

DATE:

IMAGE  
RESOURCE  
BRINGING DESIGN TO REALITY



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

Sign # Channel Letters

E11 LED Face Illuminated Channel Letters

"Memorial Emergency Care" Letters to illuminate white at night using perforated 3M Dual-Color Black vinyl on white acrylic faces. .050" Aluminum Returns painted Matthews Paint MP59647 LRV 4.4 "Black is Back", Satin Finish.

Logomark to illuminate blue at night with 3M Translucent Vinyl "European Blue" 3730-137L on white acrylic faces. .050" Aluminum Returns painted Matthews Paint MP13750 LRV 6.7 "Toray Blue", Satin Finish.

"EMERGENCY" Letters to illuminate red at night with 3M Translucent Vinyl "Light Tomato Red" 3730-43 vinyl on white acrylic faces. .050" Aluminum Returns painted Matthews Paint MP12565 LRV 16.5 "Pepsi Red", Satin Finish.

Letters and Logomark to be illuminated with Principal Overlay Neo white LEDs.

Letters and Logomark to use Jewelite Trim caps color to match. Letterset flush mounted to building with 3/8" spacers.

Electrical Specification

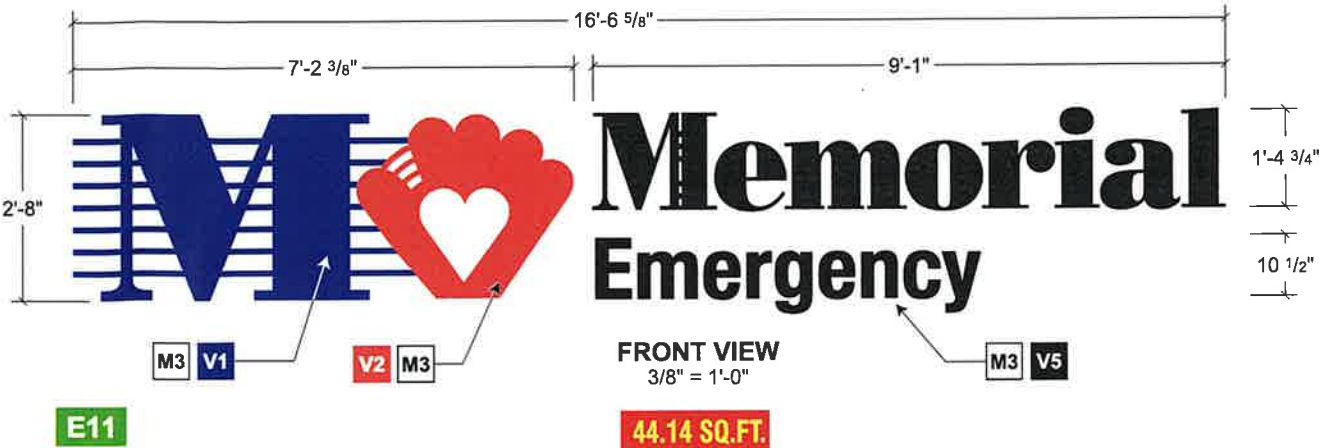
Power Supply: (TBD) 60W Power Supply  
AMPS: (TBD) AMPS  
Circuit: (1) 20 Amp Circuit per Sign  
Volts: 120 Volts

Legend: Materials / Paint / Vinyl

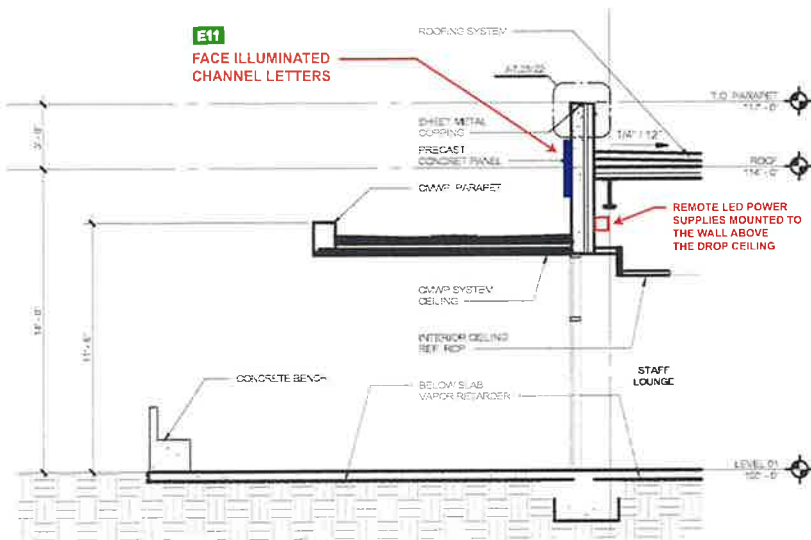
|    |   |    |   |
|----|---|----|---|
| M1 | .050" Aluminum Returns<br>609" Aluminum Backs                   | V1 | 3M Translucent Vinyl<br>"European Blue" 3730-137L   |
| M3 | 3/16" White Acrylic #7328                                       | V2 | 3M Translucent Vinyl<br>"Light Tomato Red" 3730-43L |
| P1 | Matthews Paint MP13750 LRV 6.7<br>"Toray Blue", Satin Finish    | V5 | 3M Dual-Color Film<br>"Black" 3635-222              |
| P2 | Matthews Paint MP59647 LRV 4.4<br>"Black is Back", Satin Finish | L1 | Principal Overlay Neo white<br>LED modules          |
| P3 | Matthews Paint MP12565 LRV 16.5<br>"Pepsi Red", Satin Finish    |    |   |

All electrical components are U.L. Listed. Sign grounding & bonding as per NEC 2020 - 600.7 Min. 20 Amp disconnect switch per NEC 600.7 Min. 1/2" conduit. Astronomical Time Clock per FBC 405.2.2.1 & Conforms to the requirements of the 8th Edition of FBC 2023 Section 1620 HVHZ & 3107 Ultimate Design Wind = 130 MPH Risk Category = III Exposure

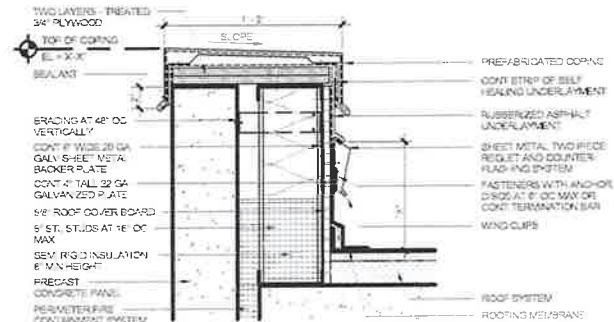
SIDE VIEW  
Logomark



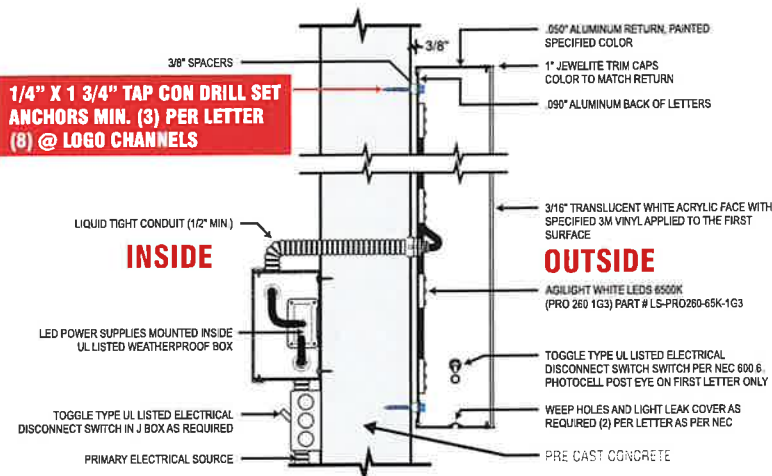
SIDE VIEW  
Letter



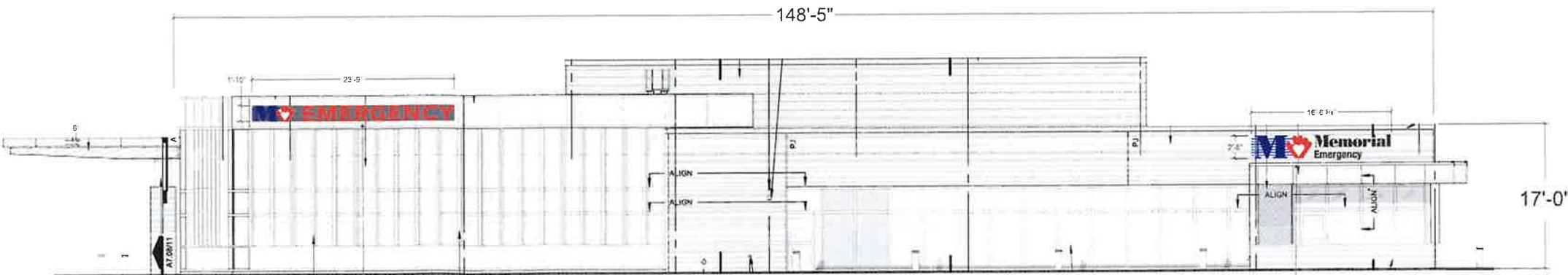
03 WALL SECTION AT STAFF LOUNGE (SHEET A6.01/09)



04 PRECAST CONCRETE DETAIL (SHEET A7.23/22)



FACE ILLUMINATED LETTER: TYPICAL DETAIL



WEST ELEVATION SCALE: 1/16" = 1'-0"

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Troy, MI 48063  
248.689-9100

OHIO  
3800 Airport Hwy  
Toledo, OH 43615  
419.585.6669

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| JOB INFORMATION |  | DESIGN INFORMATION   |   |
|-----------------|--|----------------------|---|
| CLIENT:         | MEMORIAL EMERGENCY CARE                | SCALE:               | AS NOTED                                  |
| PROJECT:        | FACELIT CHANNEL LETTERS                | DESIGNER:            | C. COOPER                                 |
| LOCATION:       | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:                | 7/8/25                                    |
|                 |  | REVISIONS:           |   |
| COUNTY:         |  | FILE:                | #0725007 MEMORIAL EMERGENCY CARE PEMBROKE |
| SALESPERSON:    | J. PRYMAS                              | CLIENT AUTHORIZATION |   |
| SIGNED BY:      |  | DATE:                |   |

IMAGE  
RESOURCE  
BRINGING DESIGN TO REALITY



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

Sign # Channel Letters

E12 LED Face Illuminated Channel Letters

"Memorial Emergency Care" Letters to illuminate white at night using perforated 3M Dual-Color Black Vinyl on white acrylic faces .050" Aluminum Returns painted Matthews Paint MP59647 LRV 4.4 "Black's Back" Satin Finish

Logomark to illuminate blue at night with 3M Translucent Vinyl "European Blue" 3730-1371 on white acrylic faces .050" Aluminum Returns painted Matthews Paint MP12565 LRV 16.5 "Pepi Red" Satin Finish

"EMERGENCY" Letters to illuminate red at night with 3M Translucent Vinyl "Light Tomato Red" 3730-42 vinyl on white acrylic faces .050" Aluminum Returns painted Matthews Paint MP12565 LRV 16.5 "Pepi Red" Satin Finish

Letters and Logomark to be illuminated with Apollo White LEDs 6500K (PRO 260 103) Pan # LS-PRO260-65K-103

Letters and Logomark to use Jewell Trim caps color to match, larger size may require Aluminum Trim Caps for the Logomark

Letters mounted to BG Panel, with removable left side for power supply service. BG Panel flush mounted to wall

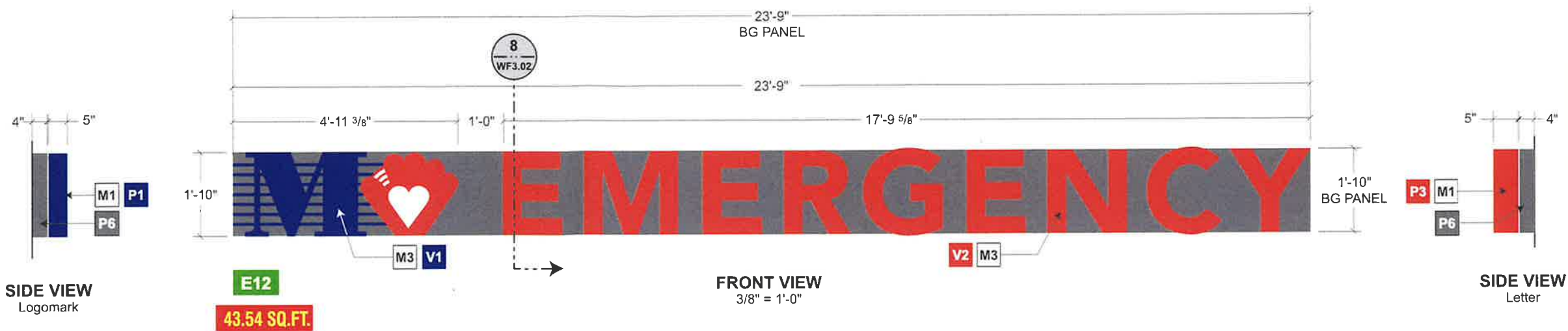
Electrical Specification

Power Supply: 120V 60Hz Power Supply  
AMPS: 15.22 AMP  
Circuit: 1/2" 120V Amp Circuit per Sign  
Volts: 120 Volts

Legend: Materials / Paint / Vinyl

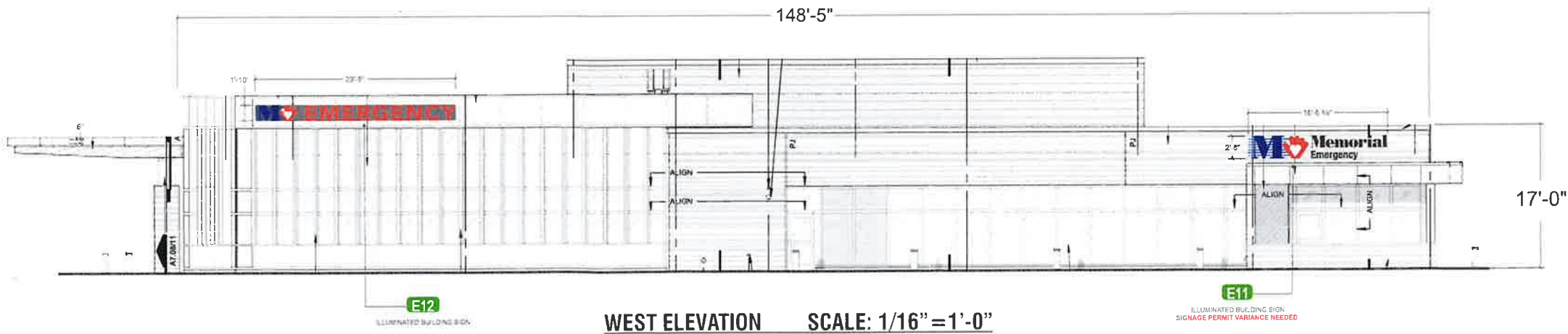
|    |   |    |   |
|----|---|----|---|
| M1 | .050" Aluminum Returns<br>.050" Aluminum Backs                | V1 | 3M Translucent Vinyl<br>"European Blue" 3730-1371                   |
| M3 | 3/16" White Acrylic #7328                                     | V2 | 3M Translucent Vinyl<br>"Light Tomato Red" 3730-42                  |
| P1 | Matthews Paint MP13760 LRV 4.7<br>"Toray Blue" Satin Finish   | V5 | 3M Dual-Color Film<br>"Silver" 3635-022                             |
| P2 | Matthews Paint MP59647 LRV 4.4<br>"Black's Back" Satin Finish | L1 | Apollo White LEDs 6500K<br>(PRO 260 103)<br>Pan # LS-PRO260-65K-103 |
| P3 | Matthews Paint MP12565 LRV 16.5<br>"Pepi Red" Satin Finish    |    |   |
| P6 | PPG "Medium Gray" UC1026625<br>Satin Finish                   |    |   |

NOTE: This drawing is design/permit only. Fabricator is responsible for fabrication and engineering details not included in these drawings. Any changes in design, materials, fabrication method or other details must be approved by the client before final fabrication.



REFER TO DRAWING  
#0725007 A(2) FOR MOUNTING DETAILS

All electrical components are U.L. Listed. Sign  
grounding & bonding as per NEC 2020 - 600.7  
Min. 20 Amp disconnect switch per NEC 600.7  
Min. 1/2" conduit, Astronomical Time Clock  
per FBC 405.2.2.1 & Conforms to the  
requirements of the 8th Edition of FBC 2023  
Section 1620 HVHZ & 3107  
Ultimate Design Wind = 180 MPH  
Risk Category = III Exposure



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772.220.7377

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Troy, MI 48063  
248.689-9000

OHIO  
3900 Airport Hwy  
Toledo, OH 43615  
419.385.6669

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JOB INFORMATION  
CLIENT: MEMORIAL EMERGENCY CARE  
PROJECT: FACELIT CHANNEL LETTERS  
LOCATION: 801 S. DOUGLAS RD., PEMBROKE PINES, FL

COUNTY:  
SALESPERSON: J. PRYMAS

SIGNED BY:

DESIGN INFORMATION  
SCALE: AS NOTED  
DESIGNER: C. COOPER  
DATE: 7/8/25  
REVISIONS:

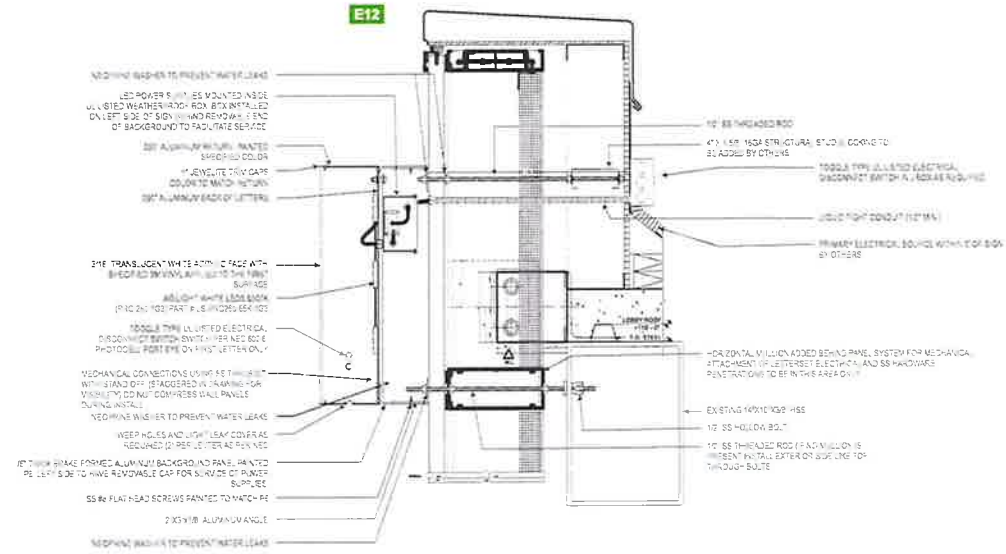
FILE: #0725007 A MEMORIAL EMERGENCY CARE PEMBROKE

CLIENT AUTHORIZATION

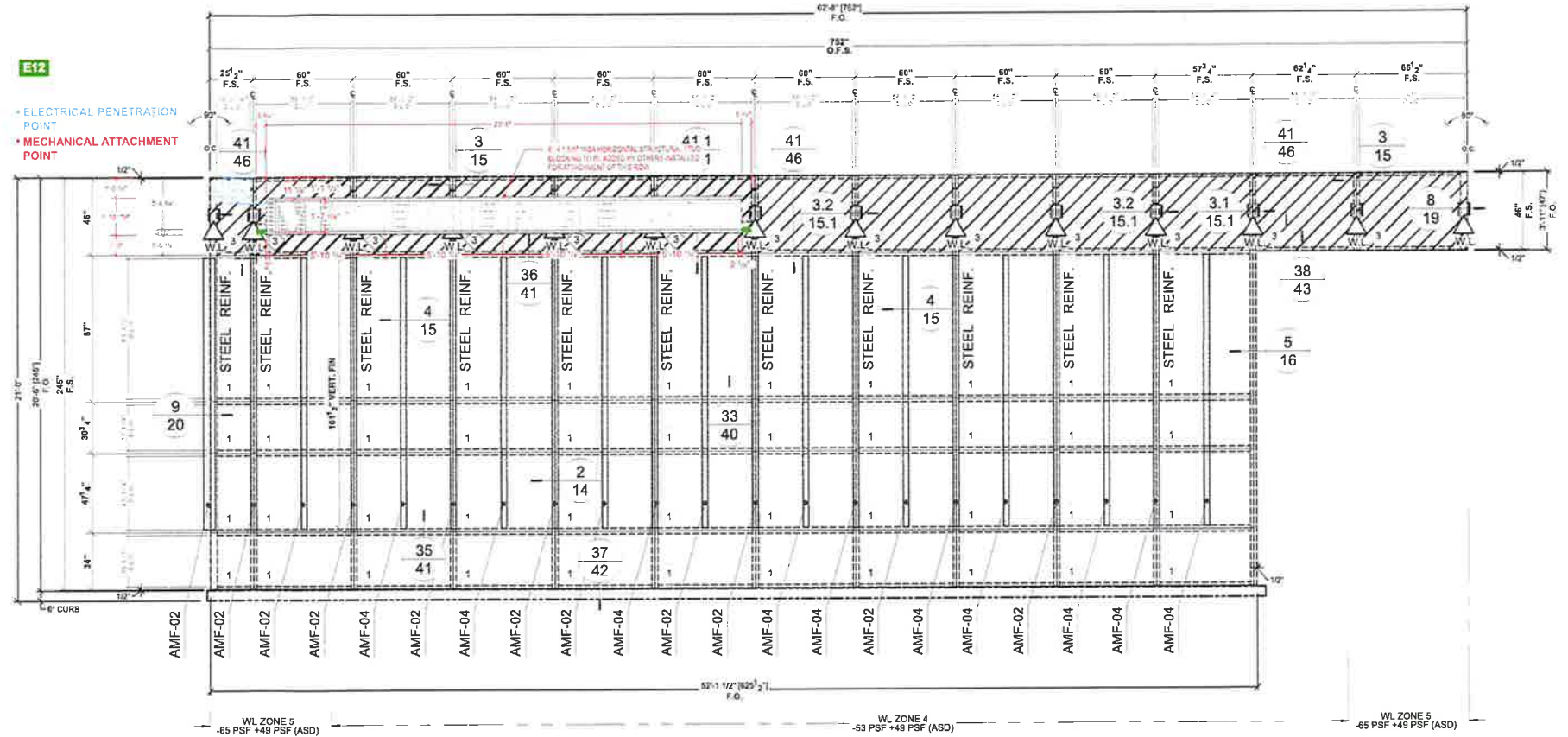
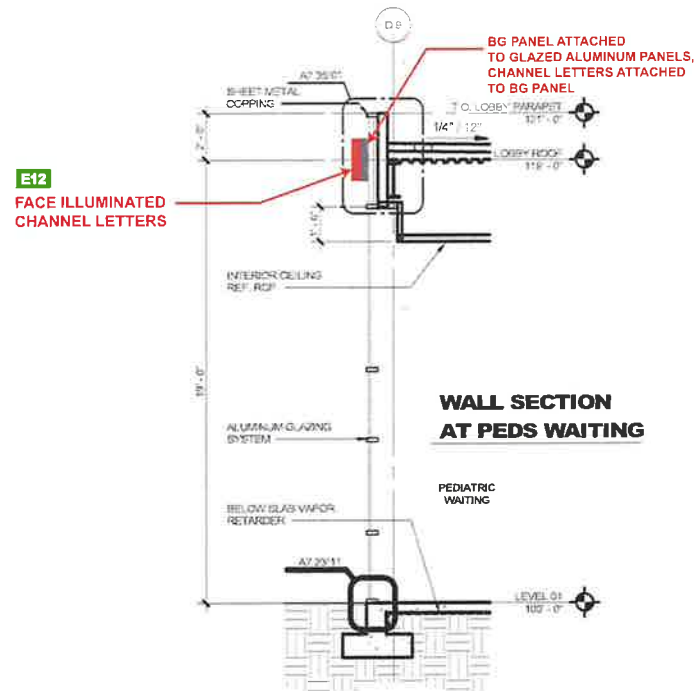
DATE:

IMAGE  
RESOURCE  
GROUP  
BRINGING DESIGN TO REALITY

**MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.**



**TYPICAL SECTION: Face Illuminated Letter At Cantilevered Header**



## WINDOW ELEVATION

11 (1) REQUIRED REF. ARCH: 06/A5.03

**A. CRAWFORD TRACEY CORPORATION:**  
**SERIES PRO-TECH 9SG, ALUMINUM CURTAIN WALL SYSTEM**  
**PRODUCT APPROVAL, #FL29520.3 [L.M.I.] & [S.M.I.]**

## E12 ATTACHMENT AND LOCATION DETAILS

---

1/4" = 1'-0"

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772.220.7377

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Troy, MI 48063  
248.629-9100

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|                             |  |                           |   |
|-----------------------------|--|---------------------------|---|
| <b>JOB INFORMATION</b>      |  | <b>DESIGN INFORMATION</b> |   |
| <b>CLIENT:</b>              | MEMORIAL EMERGENCY CARE                | <b>SCALE:</b>             | AS NOTED  |
| <b>PROJECT:</b>             | FACELIT CHANNEL LETTERS                | <b>DESIGNER:</b>          | G. COOPER                                       |
| <b>LOCATION:</b>            | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | <b>DATE:</b>              | 7/8/25  |
| <b>COUNTY:</b>              |  | <b>REVISIONS:</b>         |   |
| <b>SALESPERSON:</b>         | J. PRYMAS                              | <b>FILE:</b>              | #0725007 A (2) MEMORIAL EMERGENCY CARE PEMBROKE |
| <b>CLIENT AUTHORIZATION</b> |  |                           |   |
| <b>SIGNED BY:</b>           |  | <b>DATE:</b>              |   |





**MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.**

Sign # **Channel Letters - ER and Ambulance**

**E14** LED Face Illuminated Channel Letters  
Mounting to Raceways on Top of Canopies

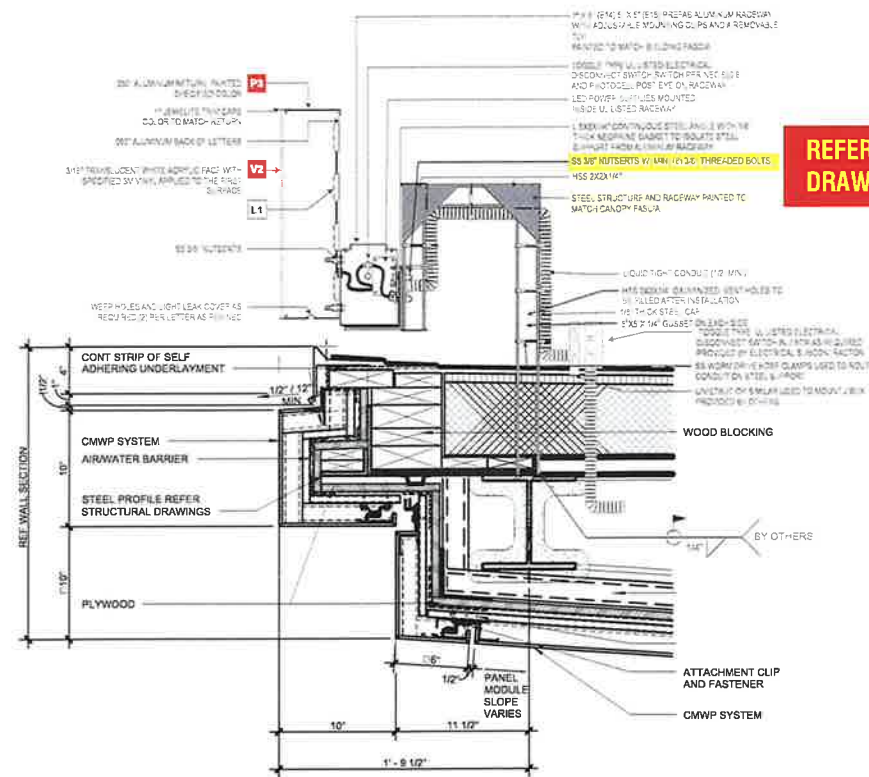
Letters to illuminate red at night with 3M Translucent Vinyl "Light Tomato Red" 3730-43 vinyl on white acrylic faces.

050" Aluminum Returns painted Matthews Paint MP12565 LRV  
16.5 "Pepsi Red" Satin Finish

Letters to be illuminated w/ Principal Ovik Moo white LED S

Letters to use red Jewelite Trim caps color to match painted returns.

Letterset flush mounted to Raceways painted to match canopy color TBD. Raceways bolted to steel support structure painted to match canopy fascia.



**02 MAIN CANOPY SECTION VIEW WITH SIGNAGE (SHEET A7.01/06)**

### Wind Design Data

Design in accordance with 2020 Florida Building Code 7th Edition:

|  |         |
|--|---------|
| Ultimate Design Wind Speed (3-second gust) = $V_{ult}$ = | 176 mph |
| Nominal Design Wind Speed = $V_{asd}$ =                  | 132 mph |
| Risk Category  | III     |
| Wind Exposure  | C       |



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West Palm Beach, FL 33407  
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**Flamingo  
SIGNS**

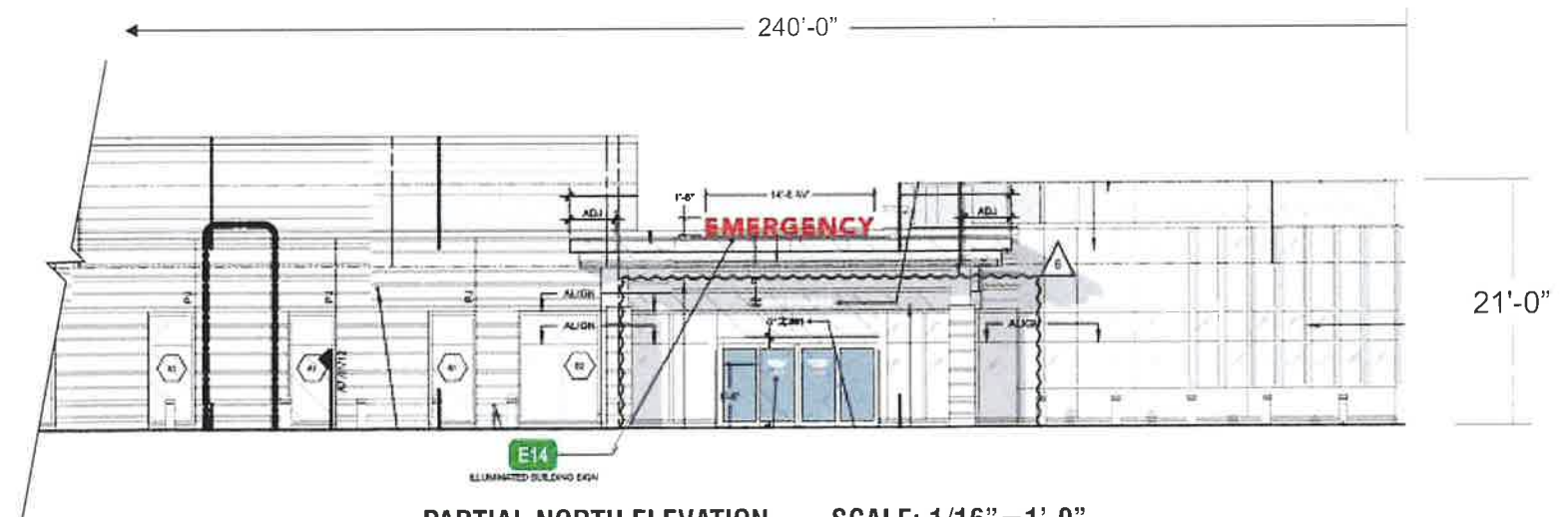
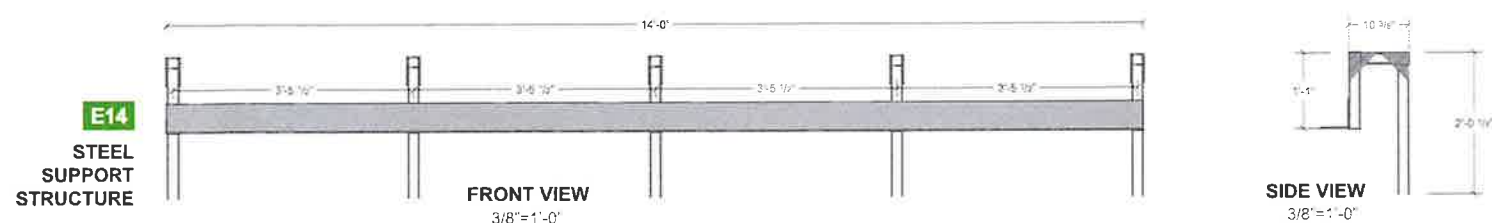
**FLORIDA**  
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Stuart, FL 34997  
772 220 7377

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**MICHIGAN**  
1067 Naughton Dr  
Troy, MI 48063  
248 698-2100

**OHIO**  
3800 Airport H  
Toledo, OH 43  
419 395 6666

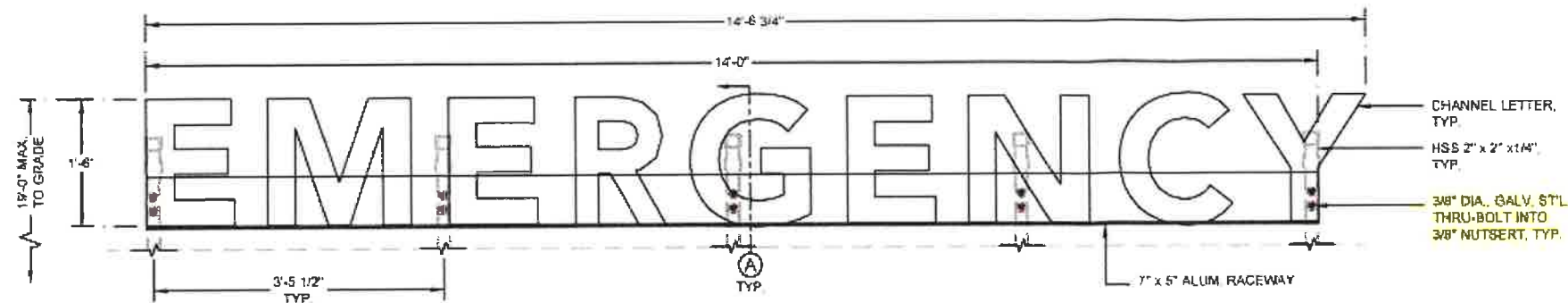
| JOB INFORMATION             |  | DESIGN INFORMATION |   |
|-----------------------------|--|--------------------|---|
| <b>CLIENT:</b>              | MEMORIAL EMERGENCY CARE                | <b>SCALE:</b>      | AS NOTED                                    |
| <b>PROJECT:</b>             | FACELIT CHANNEL LETTERS                | <b>DESIGNER:</b>   | C. COOPER                                   |
| <b>LOCATION:</b>            | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | <b>DATE:</b>       | 7/8/25                                      |
|                             |  | <b>REVISIONS:</b>  |   |
| <b>COUNTY:</b>              |  |                    |   |
| <b>SALESPERSON:</b>         | J. PRYMAS                              | <b>FILE:</b>       | #0725007 B MEMORIAL EMERGENCY CARE PEMBROKE |
| <b>CLIENT AUTHORIZATION</b> |  |                    |   |
| <b>SIGNED BY:</b>           |  | <b>DATE:</b>       |   |



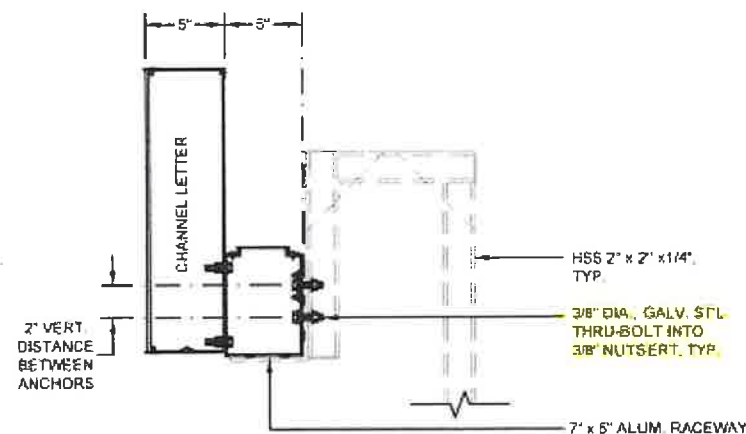
**PARTIAL NORTH ELEVATION**      **SCALE: 1/16"=1'-0"**

**Legend: Materials / Paint / Vinyl**

|   |   |   |  |
|---|---|---|--|
|  | 050" Aluminum Rollins<br>050" Aluminum Backs                  |  | 3M Translucent Vinyl<br>"Ligh Tomato Red" #730-43L |
|  | 3/16" White Acrylic #7326                                     |  | Principal Quick mod white<br>led strip modules     |
|  | Matthews Paint MP12565 LRV 16 5<br>"Peppi Red" , Satin Finish |   |  |



ELEVATION  
N.T.S.



SECTION A  
N.T.S.

Sign Design Based On FBC 8th Edition 2023 HVHZ 1620 WITH WIND LOADS PER 7-22

Job # JTS\_213825  
Project Memorial Healthcare System - Channel Letters E14  
Job Location Douglas Road & Washington Street  
Pembroke Pines, FL

INPUT DATA

|  |           |            |
|--|-----------|------------|
| Exposure category (B, C or D)                  | =         | C          |
| Risk Category                                  | =         | IV         |
| Ultimate Design Windspeed                      | $V_{ult}$ | = 180 MPH  |
| Topographic factor                             | $K_z$     | = 1 Flat   |
| Height of the sign                             | $h$       | = 10.00 FT |
| Average Vertical dimension (for wall $s = h$ ) | $s$       | = 1.00 FT  |
| Horizontal dimension                           | $B$       | = 14.56 FT |
| Dimension of return corner                     | $L$       | = 0.42 FT  |

ANALYSIS

|  |                                    |             |
|--|------------------------------------|-------------|
| Velocity pressure  | $q_z = 0.00255 K_z K_{zt} K_d V^2$ | = 77.98 PSF |
| where:   |                                    |             |
| $q_z$ = velocity pressure at height $h$ (Eq. 26.10-1, page 277)  |                                    |             |
| $K_z$ = velocity pressure exposure coefficient evaluated at height above ground level $h$ (Tab. 26.10-1, page 277) | =                                  | 0.80        |
| $K_{zt}$ = ground elevation factor, see (Tab. 26.8-1, page 275)  | =                                  | 1.00        |

Wind Force Low Rise Buildings (Sec. 30.3.2 & 29.3.2)

|  |   |                      |
|--|---|----------------------|
| Max horizontal wind pressure = $p = q_z K_{ex} (GC_p)$         | = | 70.69 PSF            |
| $GC_p$ = external pressure coefficient (Fig. 30.3-1, page 317) | = | 1.07                 |
| $K_{ex}$ = wind directionality factor (Tab. 26.8-1, page 274)  | = | 0.85                 |
| $A_e = B \times s$ = the gross area                            | = | 15.5 FT <sup>2</sup> |

DESIGN SUMMARY

|                                       |                                |
|---------------------------------------|--------------------------------|
| Allowable Stress Design Wind Factor = | 0.6                            |
| Design Wind Pressure =                | $0.6 \times p = 42.41$ PSF     |
| Design Windforce, $F$ =               | $42.41 \times A_e = 6.68$ KIPS |

Sign Parameters:

|  |         |
|--|---------|
| Weight of cabinet, $DL$ =                | 350 LBS |
| Vertical distance between anchors, $y$ = | 0.17 FT |
| $b$ (return) =                           | 0.42 FT |
| Offset from wall =                       | 0.42 FT |
| Min. no. of top or bolt anchors =        | 5 NO.   |

Anchor Design

|   |                        |
|---|------------------------|
| GALV. STL. THRU-BOLT W/3/8" NUTSERT                       |                        |
| Tension Req'd. USE A307                                   |                        |
| $T = 325$   | $3/8"$ DIA., $T = 780$ |
| Shear Req'd.  |                        |
| $V = 35$  | $V = 484$              |
| Unity = $\sqrt{(325/780)^2 + (35/484)^2} = 0.49 < 1$ (OK) |                        |

NOTES:

GENERAL:

SIGN DESIGN IS BASED ON ADEQUATE EXISTING SUPPORT ELEMENTS PROVIDE ISOLATION OF DISSIMILAR MATERIALS. COAT ALUMINUM IN CONTACT WITH CONCRETE WITH ZINC RICH PAINT. PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF STEEL / ALUM. TUBES. MATCH THICKNESS LIKE FOR LIKE. SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS. ALL EXPOSED STEEL TO BE PRIMED & PAINTED (POWDER COAT AS AN OPTION) OR ALTERNATIVELY USE GALVANIZED STEEL.

STEEL:

DESIGN AND FABRICATION ACCORDING TO FBC 8th EDITION 2023 HVHZ 1620 W/ WIND LOADS PER ASCE 7-22.  
- PLATE, ANGLE, CHANNEL TEE: ASTM A36  
- WIDE FLANGE: ASTM A992  
- ROUND PIPE: ASTM A53 GRADE B OR EQUIVALENT  
- HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT  
- STAINLESS STEEL ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A276 T304 OR EQUIVALENT  
- ALL ANCHORS BOLTS SHALL BE: ASTM F1554 OR ASTM F593 T304 U.N.O.  
- ALL STEEL MACHINED BOLTS SHALL BE: ASTM A307, A325 OR A449 U.N.O.  
- ALL STAINLESS STEEL MACHINED BOLTS SHALL BE: ASTM F593 T304 U.N.O.  
- ALL BOLTS TO BE ZINC COATED: ASTM B633  
- DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60

STEEL

DESIGN AND FABRICATION ACCORDING TO AWS D1.1 / D1.3 & D1.6  
- AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.

ALUMINUM:

DESIGN AND FABRICATION ACCORDING TO 2020 ALUM. DESIGN MANUAL PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM ALLOY 6061-T6 WITH 0.096 LBS PER CUBIC INCH.

ALUMINUM

DESIGN AND FABRICATION ACCORDING TO AWS D1.2 ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A5.10. FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2020 ALUMINUM DESIGN MANUAL.

WELDING:

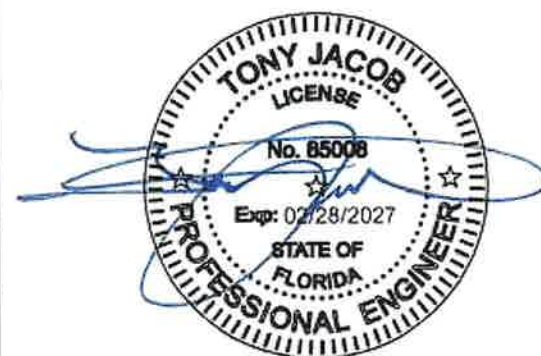
WELD SIZE (LEG LENGTH) SHALL BE EQUAL TO THE THICKNESS OF THE THINNEST MEMBER AT THE JOINT, UNLESS NOTED OTHERWISE.

- E70 XX ELECTRODE FOR SMAW PROCESS.
- E70S XX ELECTRODE FOR GMAW PROCESS.
- E70T XX ELECTRODE FOR GTAW PROCESS.
- E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARTY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO ° AS DETERMINED BY THE APPROPRIATE AWS AS CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

ANCHORS:

- BRAND NAME APPROVED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL.



DATE SIGNED: 10/10/2025

Tony Jacob  
Digitally signed  
by Tony Jacob  
Date: 2025.10.10  
08:57:19 -07'00'

This item has been electronically signed and sealed by Tony Jacob using a digital signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

NOTICE: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING LICENSED PROFESSIONAL SHALL AFFIX TO THEIR ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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SANTA CLARITA, CA. 91380  
TEL (661)259-0700 FAX (661)259-0900

SHEET TITLE:

MEMORIAL HEALTHCARE SYSTEM  
CHANNEL LETTER E14

|                  |                                      |   |
|------------------|--------------------------------------|---|
| DRN BY: A.V.     | DATE LAST REVISED: Oct 02, 2025      | PROJECT JOB #: JTS_213825_Memorial Healthcare System_Douglas Road & Washington Street_Pembroke Pines_FL.dwg |
| CHK BY: T.J.     | PROJ. START DATE: September 29, 2025 | REV. NO. REV. DATE REVISED BY   |
| REV BY: T.J.     | SCALE: AS SHOWN                      | 1 ---   |
| PLOTTED BY: Adam | ON 10/2/2025 3:59:54 PM              | 2 ---   |

PROJECT LOCATION: MEMORIAL HEALTHCARE SYSTEM  
DOUGLAS ROAD & WASHINGTON STREET  
PEMBROKE PINES, FL

SHEET #  
1 of 1



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

Sign # Channel Letters - ER and Ambulance

E15 LED Face Illuminated Channel Letters  
Mounting to Raceways on Top of Canopies

Letters to illuminate red at night with 3M Translucent Vinyl "Light Tomato Red" 3730-43 vinyl on white acrylic faces.

.050" Aluminum Returns painted Matthews Paint MP12565 LRV 16.5 "Pepsi Red", Satin Finish

Letters to be illuminated w/ Principal Qwik Mod white LEDs

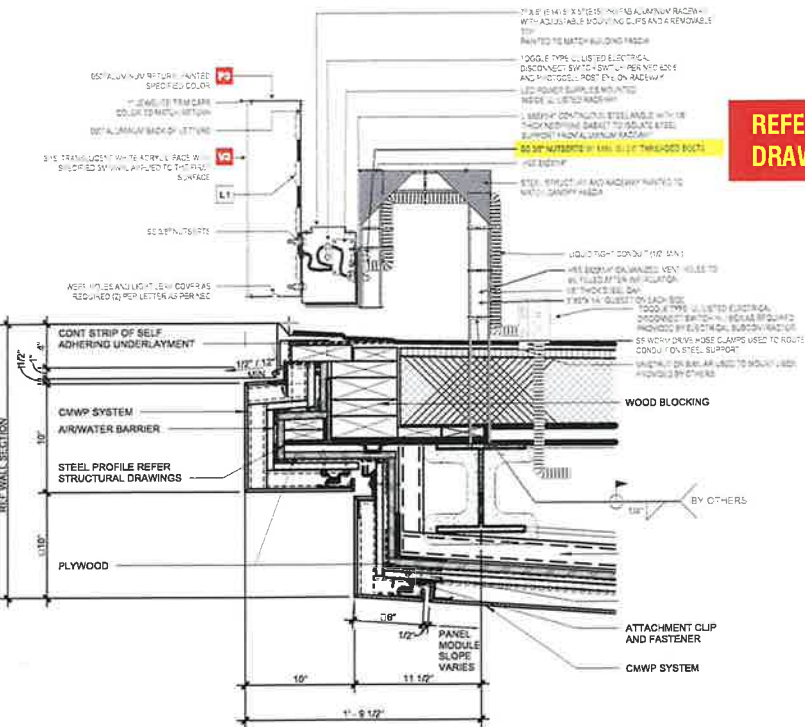
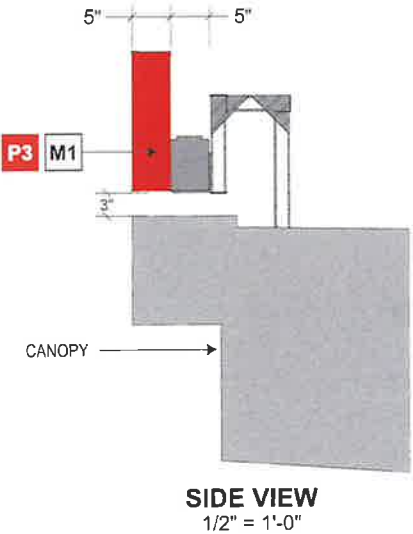
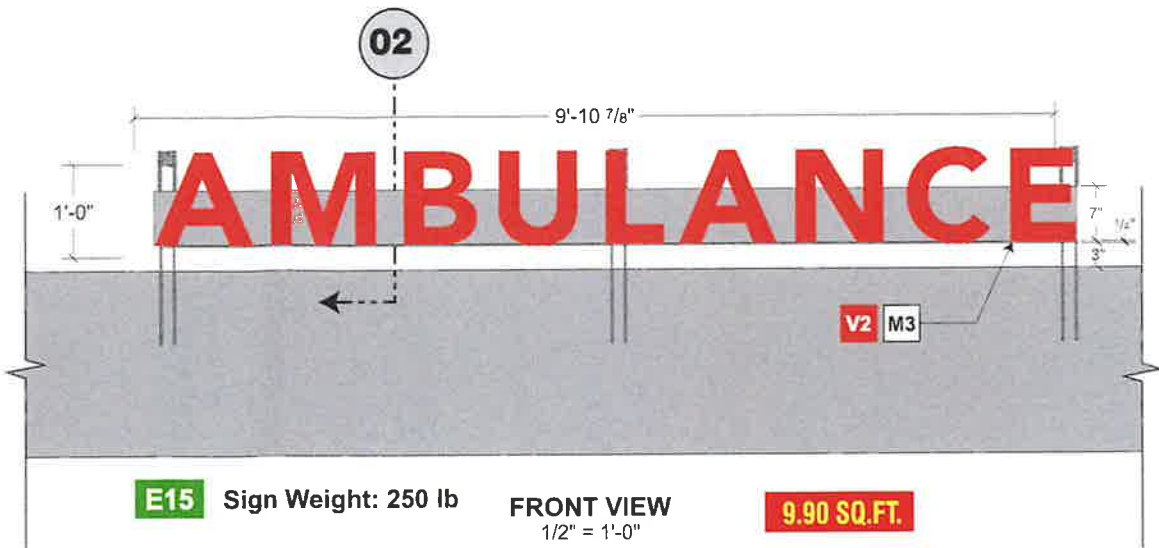
Letters to use red Jewelite Trim caps color to match painted returns.

Letterset flush mounted to Raceways painted to match canopy color TBD. Raceways through bolted into Canopy blocking.

Mounting bolts installed prior to finished canopy cladding.

Electrical Specification

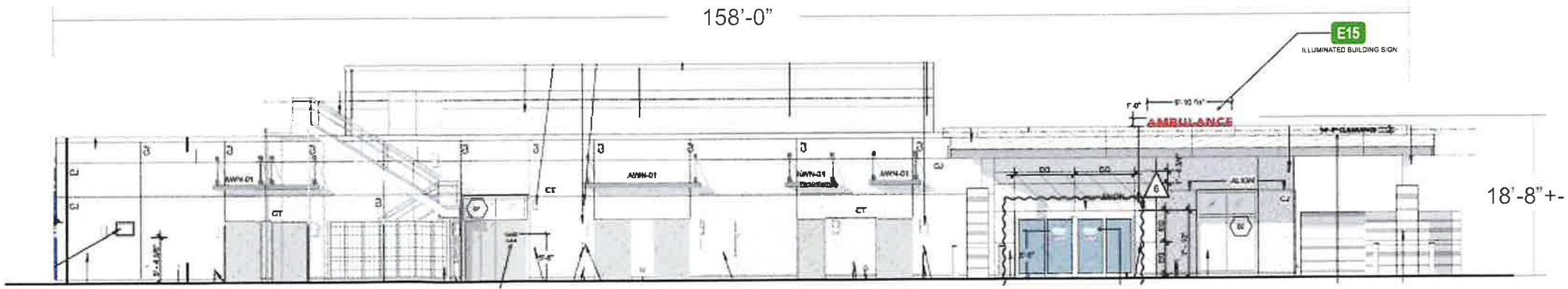
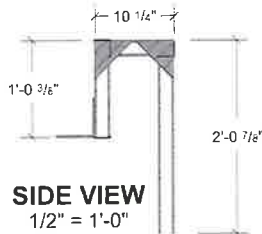
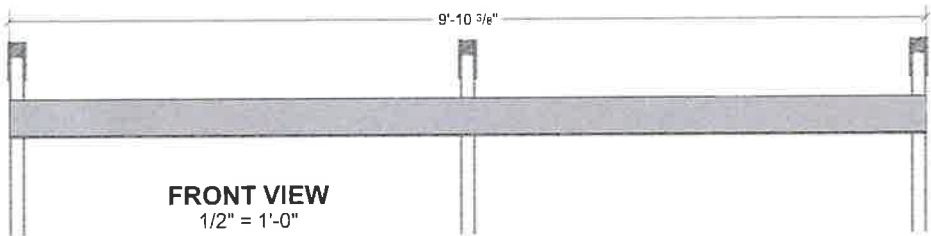
Power Supply: (TBD) 60W Power Supply  
AMPS: (TBD) AMPS  
Circuit: (1) 20 Amp Circuit per Sign  
Volts: 120 Volts



02 MAIN CANOPY SECTION VIEW WITH SIGNAGE (SHEET A7.01/06)  
3/4" = 1'-0"

REFER TO ENGINEER  
DRAWINGS NEXT PAGE

E15 STEEL  
SUPPORT  
STRUCTURE



EAST ELEVATION SCALE: 1/16" = 1'-0"

FERRIN  
SIGNS

Shimpo  
SIGNS

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Troy, MI 48063  
248.689-9100

OHIO  
3900 Airport Hwy  
Toledo, OH 43615  
419.385.6669

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JOB INFORMATION  
CLIENT: MEMORIAL EMERGENCY CARE  
PROJECT: FACELIT CHANNEL LETTERS  
LOCATION: 801 S. DOUGLAS RD., PEMBROKE PINES, FL  
COUNTY:  
SALESPERSON: J. PRYMAS

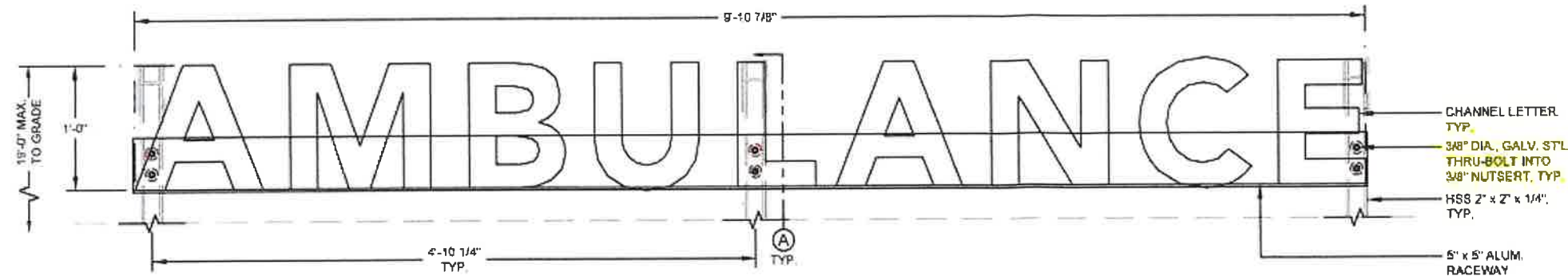
DESIGN INFORMATION  
SCALE: AS NOTED  
DESIGNER: C. COOPER  
DATE: 7/8/25  
REVISIONS:  
FILE: #0725007 C MEMORIAL EMERGENCY CARE PEMBROKE

SIGNED BY:

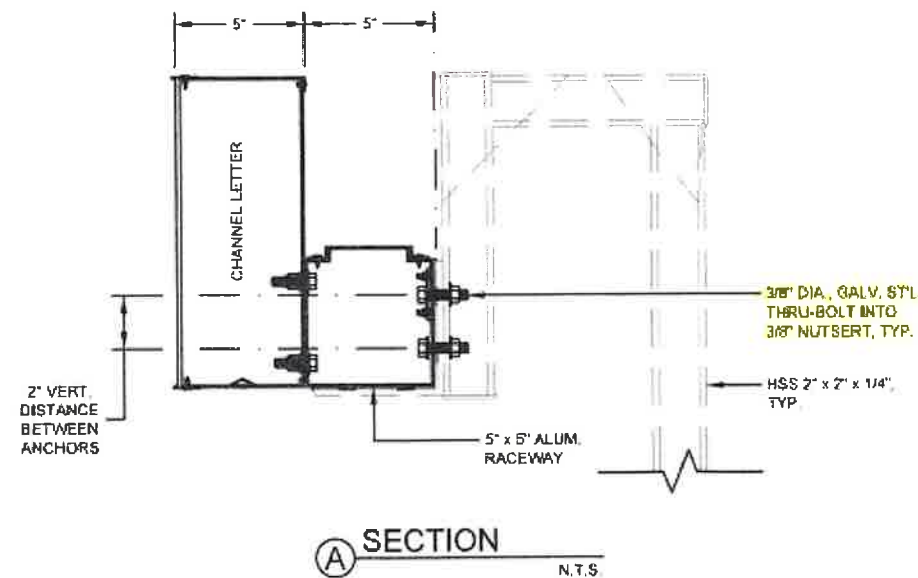
DATE:

COLOR SPECIFICATIONS  
M1 .050" Aluminum Returns  
.090" Aluminum Backs  
M3 3/16" White Acrylic #7328  
P3 Matthews Paint MP12565 LRV 16.5  
"Pepsi Red", Satin Finish  
V2 3M Translucent Vinyl  
"Light Tomato Red" 3730-43L  
L1 AgiLight White LEDs 6500K  
(PRO 260 1G3)  
Part # LS-PRO260-65K-1G3

IMAGE  
RESOURCE  
GROUP  
BRINGING DESIGN TO REALITY



ELEVATION  
N.T.S.



Sign Design Based On FBC 8th Edition 2023 HVHZ 1620 WITH WIND LOADS PER 7-22

Job # JTS\_213825  
Project Memorial Healthcare System - Channel Letters E15  
Job Location Douglas Road & Washington Street  
Pembroke Pines, FL

INPUT DATA

|   |                     |
|---|---------------------|
| Exposure category (B, C or D)                   | C                   |
| Risk Category                                   | IV                  |
| Ultimate Design Windspeed                       | $V_{ult} = 105$ MPH |
| Topographic factor                              | $K_z = 1$ Flat      |
| Height of the sign                              | $h = 19.00$ FT      |
| Average Vertical dimension (for wall, $s = h$ ) | $s = 0.81$ FT       |
| Horizontal dimension                            | $B = 9.91$ FT       |
| Dimension of return corner                      | $L = 0.42$ FT       |

ANALYSIS

|  |                                    |               |
|--|------------------------------------|---------------|
| Velocity pressure  | $q_z = 0.00256 K_z K_{gt} K_d V^2$ | $= 77.98$ PSF |
| where:   |                                    |               |
| $q_z$ = velocity pressure at height $h$ , (Eq. 26.10-1 page 277)   |                                    |               |
| $K_z$ = velocity pressure exposure coefficient                     | $= 0.88$                           |               |
| evaluated at height above gRnc level, $h$ (Tab. 25.10-1, page 277) |                                    |               |
| $K_{gt}$ = ground elevation factor, see (Tab. 26.9-1, page 275)    | $= 1.00$                           |               |

Wind Force Low Rise Buildings (Sec. 30.3.2 & 29.3.2)

|   |                         |
|---|-------------------------|
| Max horizontal wind pressure = $p = q_z K_d (GC_p)$             | $= 72.91$ PSF           |
| $GC_p$ = external pressure coefficients (Fig. 30.3-1, page 317) | $= 1.10$                |
| $K_d$ = wind directionality factor (Tab. 26.6-1, page 274)      | $= 0.85$                |
| $A_g = B \times s$ = the gross area                             | $= 8.0$ FT <sup>2</sup> |

DESIGN SUMMARY

|                                       |                                |
|---------------------------------------|--------------------------------|
| Allowable Stress Design Wind Factor = | $0.6$                          |
| Design Wind Pressure =                | $0.6 \times p = 43.75$ PSF     |
| Design Windforce, $F$ =               | $43.75 \times A_g = 0.35$ KIPS |

Sign Parameters:

|  |         |
|--|---------|
| Weight of cabinet, UL =                  | 250 LBS |
| Vertical distance between anchors, $y$ = | 0.17 FT |
| $b$ (return) =                           | 0.42 FT |
| Offset from wall =                       | 0.42 FT |
| Min. no. of top or bolt anchors =        | 3 NO    |

Anchor Design

|               |  |
|---------------|--|
|               | GALV. STL THRU-BOLT W/3/8" NUTSERT                 |
| Tension Req'd | USE A307   |
| $T = 367$     | $3/8"$ DIA., $T = 780$                             |
| Shear Req'd   |  |
| $V = 42$      | $V = 484$  |
| Unity =       | $\frac{367}{780} + \frac{42}{484} = 0.58 < 1.0$ OK |

NOTES:

GENERAL:

- SIGN DESIGN IS BASED ON ADEQUATE EXISTING SUPPORT ELEMENTS.
- PROVIDE ISOLATION OF DISSIMILAR MATERIALS.
- COAT ALUMINUM IN CONTACT WITH CONCRETE WITH ZINC RICH PAINT.
- PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF STEEL / ALUM. TUBES, MATCH THICKNESS LIKE FOR LIKE.
- SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS.
- ALL EXPOSED STEEL TO BE PRIMED & PAINTED (POWDER COAT AS AN OPTION) OR ALTERNATIVELY USE GALVANIZED STEEL.

STEEL:

- DESIGN AND FABRICATION ACCORDING TO FBC 8th EDITION 2023 HVHZ 1620 w/ WIND LOADS PER ASCE 7-22.
- PLATE, ANGLE, CHANNEL TEE: ASTM A36
- WIDE FLANGE: ASTM A992
- ROUND PIPE: ASTM A53 GRADE B OR EQUIVALENT.
- HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT.
- STAINLESS STEEL ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A276 T304 OR EQUIVALENT.
- ALL ANCHORS BOLTS SHALL BE: ASTM F1554 OR ASTM F593 T304 U.N.O.
- ALL STEEL MACHINED BOLTS SHALL BE: ASTM A307, A325 OR A449 U.N.O.
- ALL STAINLESS STEEL MACHINED BOLTS SHALL BE: ASTM F593 T304 U.N.O.
- ALL BOLTS TO BE ZINC COATED, ASTM B633
- DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60.

STEEL

- DESIGN AND FABRICATION ACCORDING TO AWS D1.1 / D1.3 & D1.6
- AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.

ALUMINUM:

- DESIGN AND FABRICATION ACCORDING TO 2020 ALUM. DESIGN MANUAL
- PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM
- ALLOY 6061 - T6 WITH 0.008 LBS PER CUBIC INCH.

ALUMINUM

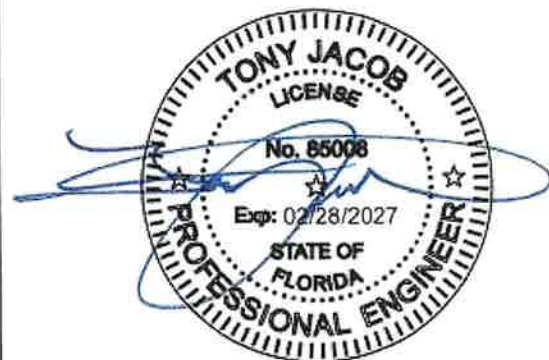
- DESIGN AND FABRICATION ACCORDING TO AWS D1.2. ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10.
- FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2020 ALUMINUM DESIGN MANUAL

WELDING:

- WELD SIZE (LEG LENGTH) SHALL BE EQUAL TO THE THICKNESS OF THE THINNEST MEMBER AT THE JOINT, UNLESS NOTED OTHERWISE.
- E70 XX ELECTRODE FOR SMAW PROCESS.
- E70S XX ELECTRODE FOR GMAW PROCESS.
- ER7 XX ELECTRODE FOR GTAW PROCESS.
- E70T XX ELECTRODE FOR FCAW PROCESS.
- ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO ° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

ANCHORS:

- BRAND NAME APPROVED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL.



DATE SIGNED: 10/10/2025

NOTICE: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING LICENSED PROFESSIONAL SHALL AFFIX TO THEIR ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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SHEET TITLE:

MEMORIAL HEALTHCARE SYSTEM  
CHANNEL LETTER E15

|                  |                                      |                           |   |
|------------------|--------------------------------------|---------------------------|---|
| DRN BY: A.V.     | DATE LAST REVISED: Oct 02, 2025      | PROJECT JOB #: JTS_213825 | Memorial Healthcare System_Douglas Road & Washington Street_Pembroke Pines_FL.dwg |
| CHK BY: T.J.     | PROJ. START DATE: September 29, 2025 | REV. NO. 1                | REV. DATE: REVISED BY:  |
| REV BY: T.J.     | SCALE: AS SHOWN                      | 1                         | ---   |
| PLOTTED BY: Adam | ON 10/2/2025 3:59:55 PM              | 2                         | ---   |

PROJECT LOCATION: MEMORIAL HEALTHCARE SYSTEM  
DOUGLAS ROAD & WASHINGTON STREET  
PEMBROKE PINES, FL

SHEET #

1 of 1



Sign # Main Monument Signage

E01 Face Illuminated Monument D/F

The monument sign is fabricated aluminum over aluminum angle frame cabinet internally illuminated w/ Principal Qwik mod3 7100k white led strip modules.

"Memorial" w/ logo graphic to be routed & backed w/ 3/4" white push thru acrylic. Red "Emergency Adult & Pediatric" panel to be routed & backed w/ 3/16" white acrylic. All remaining secondary copy & address to be routed & backed w/ 3/16" white acrylic.

Cabinet to be painted Blue & Red. Matthews Paint Mp41755 LRV 7.1 "Bally Blue Metallic", semi gloss finish. Matthews Paint Mp12565 Lrv 16.5 "Pepsi Red", satin finish.

Sign base to match Building material (PC-01) Architectural Precast. Precise dimensions of material to be verified.

Photocell and Covered UL Listed Disconnect switch to be placed on side of sign facing the building.

Legend: Materials / Paint

|    |  |    |  |
|----|--|----|--|
| M1 | .125" Aluminum   | L2 | GE White LEDs 7100K Tetra PowerStrip Part # GEDS71-2                     |
| M4 | 3/4" White Acrylic   | V2 | 3M Translucent Vinyl "Light Tomato Red" 3730-43L                         |
| M3 | 3/16" White Acrylic #7328  | P4 | Matthews Paint MP41755 LRV 7.1 "Bally Blue Metallic", Semi Gloss Finish. |
| M5 | (PC-01) Architectural Precast Concrete Cladding Units To Match SW7016 "Mindful Gray" | P3 | Matthews Paint MP12565 LRV 16.5 "Pepsi Red", Satin Finish                |



FRONT VIEW  
1/2" = 1'-0"

43.57 SQ.FT.

SIDE VIEW  
1/2" = 1'-0"



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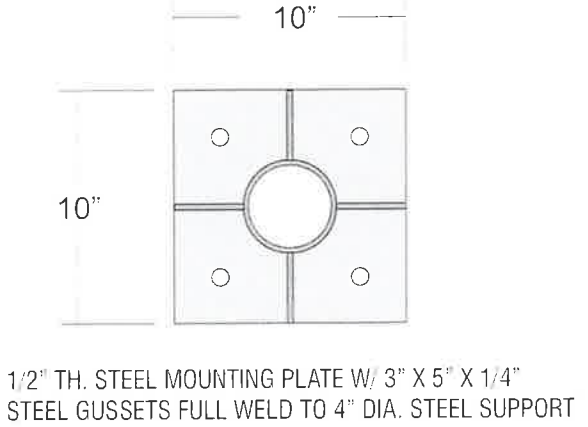
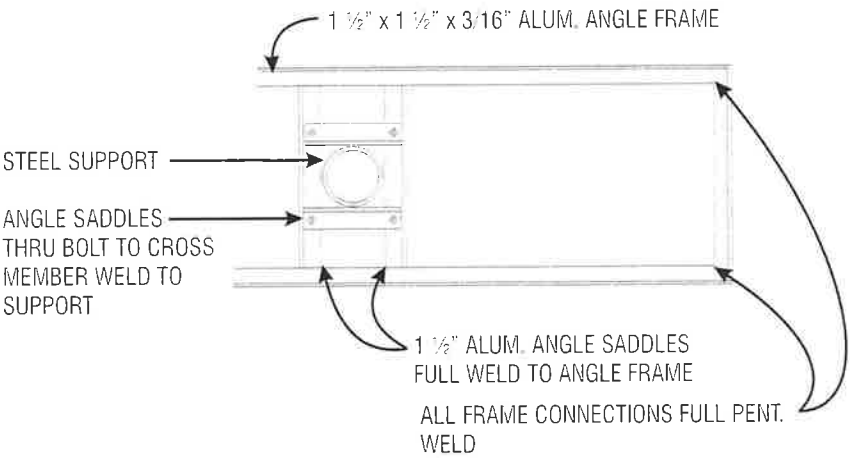
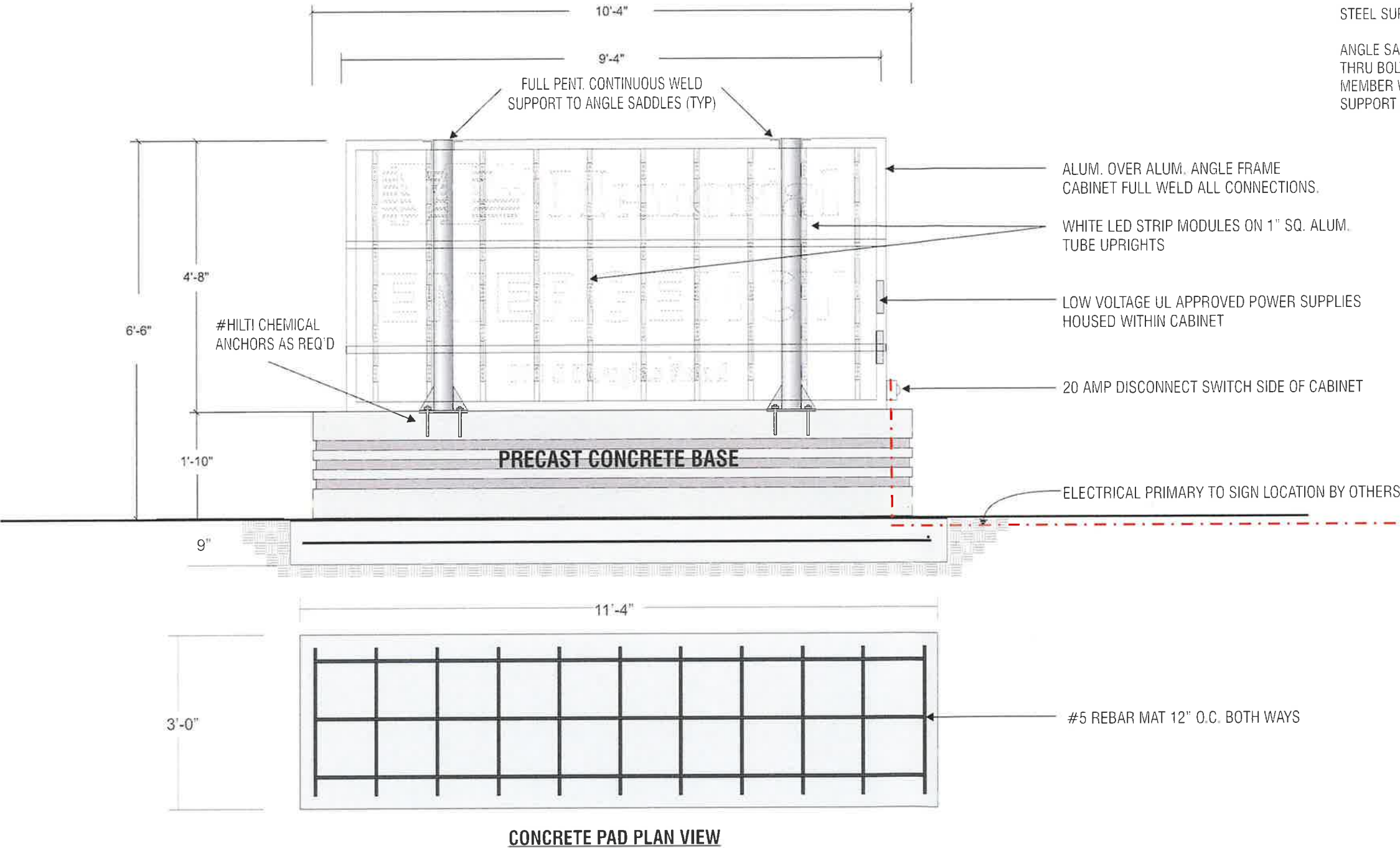
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Toledo, OH 43615  
419.385.6669

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| JOB INFORMATION      |  | DESIGN INFORMATION                                |           |
|----------------------|--|---|-----------|
| CLIENT:              | MEMORIAL EMERGENCY CARE                | SCALE:  | AS NOTED  |
| PROJECT:             | D/F MONUMENT SIGN                      | DESIGNER:   | C. COOPER |
| LOCATION:            | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:   | 7/8/25    |
|                      |  | REVISIONS:  |           |
| COUNTY:              |  | FILE: #0725007 D MEMORIAL EMERGENCY CARE PEMBROKE |           |
| SALESPERSON:         | J. PRYMAS                              |   |           |
| CLIENT AUTHORIZATION |  |   |           |
| SIGNED BY:           |  | DATE:   |           |

MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.



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| JOB INFORMATION |  | DESIGN INFORMATION   |   |
|-----------------|--|----------------------|---|
| CLIENT:         | MEMORIAL EMERGENCY CARE                | SCALE:               | AS NOTED                                    |
| PROJECT:        | MONUMENT SIGN ENGINEERING              | DESIGNER:            | C. COOPER                                   |
| LOCATION:       | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:                | 7/8/25                                      |
|                 |  | REVISIONS:           |   |
| COUNTY:         |  | FILE:                | #0725007 E MEMORIAL EMERGENCY CARE PEMBROKE |
| SALESPERSON:    | J. PRYMAS                              | CLIENT AUTHORIZATION |   |
| SIGNED BY:      |  | DATE:                |   |



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

Sign # Memorial Manor Monument 60.50 sq.ft.

E02 Face Illuminated Monument D/F

The monument sign is a fabricated aluminum cabinet with "Memorial Manor" to illuminate white at night. Sign to be illuminated with Principal Qwik Mod3 7100k white led strip modules

"Memorial Manor" to be 3/4" routed out and push through white acrylic. All other copy "Skilled Nursing... & Address" to be routed out and backed up with 3/16" white acrylic.

Cabinet to be painted Blue and Red, Matthews Paint MP41755 LRV 7.1 "Bally Blue Metallic", Semi Gloss Finish.

Sign Base to match Building Material (PC-01) Architectural Precast Spread Concrete Foundation w/ Vertical and Horizontal Rebar. Size of Foundation TBD Per Engineering.

Photocell and Covered UL Listed disconnect switch placed on the side of the sign facing the building.

Legend: Materials / Paint

- M1

.125" Aluminum
- V3

3M Translucent Vinyl "White" 3630-20
- M4

3/4" Clear Acrylic
- L2

GE White LEDs 7100K Tetra PowerStrip Part # GEDS71-2
- M3

3/16" White Acrylic #7328
- M5

(PC-01) Architectural Precast Concrete Cladding Units To Match SW7016 "Mindful Gray"
- P4

Matthews Paint MP41755 LRV 7.1 "Bally Blue Metallic", Semi Gloss Finish.



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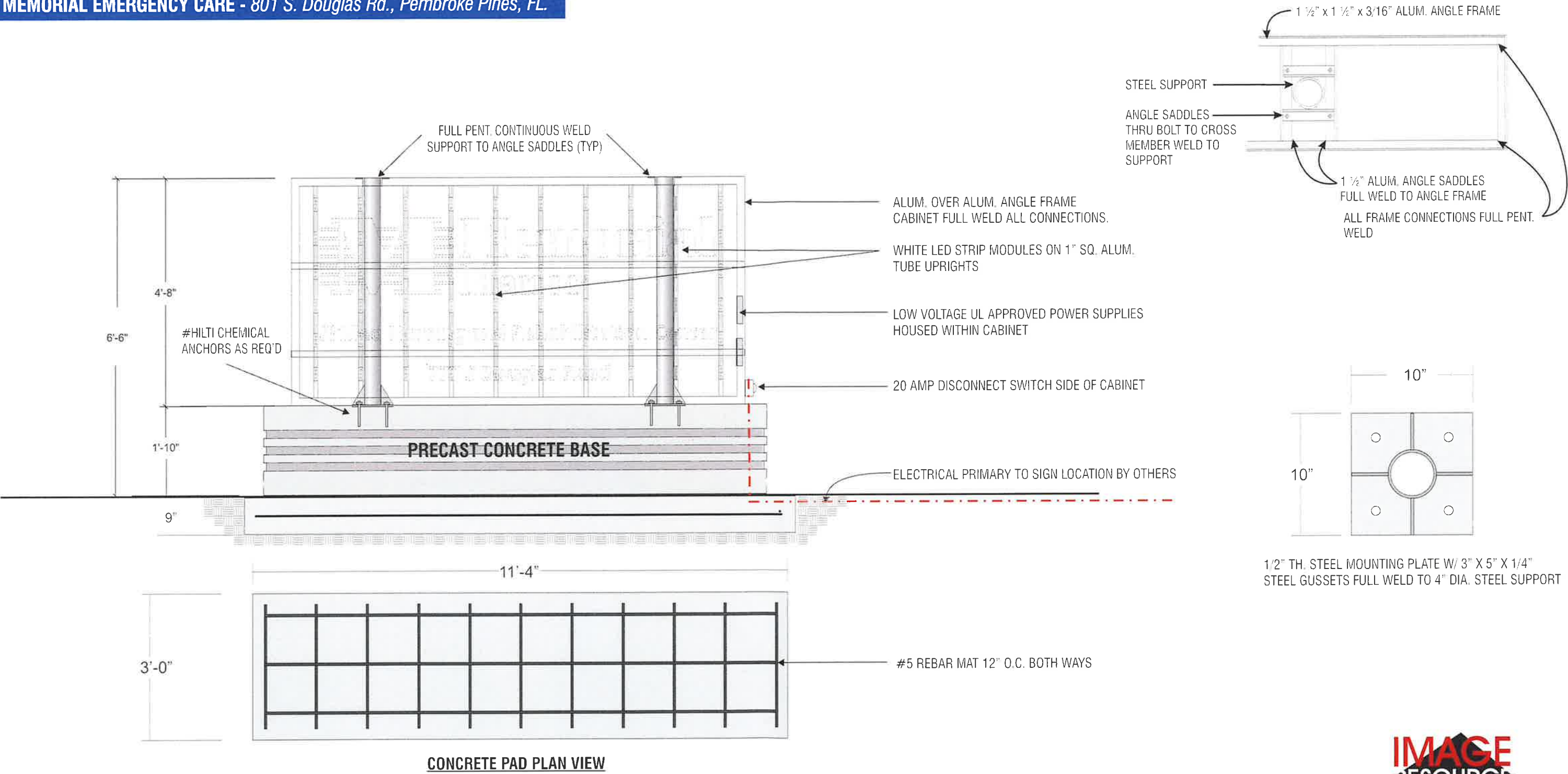
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| JOB INFORMATION      |  | DESIGN INFORMATION                                |           |
|----------------------|--|---|-----------|
| CLIENT:              | MEMORIAL EMERGENCY CARE                | SCALE:  | AS NOTED  |
| PROJECT:             | D/F MONUMENT SIGN                      | DESIGNER:   | C. COOPER |
| LOCATION:            | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:   | 7/8/25    |
|                      |  | REVISIONS:  |           |
| COUNTY:              |  | FILE: #0725007 F MEMORIAL EMERGENCY CARE PEMBROKE |           |
| SALESPERSON:         | J. PRYMAS                              |   |           |
| CLIENT AUTHORIZATION |  |   |           |
| SIGNED BY:           |  | DATE:   |           |

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| JOB INFORMATION      |  | DESIGN INFORMATION |   |
|----------------------|--|--------------------|---|
| CLIENT:              | MEMORIAL EMERGENCY CARE                | SCALE:             | AS NOTED                                    |
| PROJECT:             | D/F MONUMENT SIGN                      | DESIGNER:          | C. COOPER                                   |
| LOCATION:            | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:              | 7/8/25                                      |
| COUNTY:              |  | REVISIONS:         |   |
| SALESPERSON:         | J. PRYMAS                              | FILE:              | #0725007 G MEMORIAL EMERGENCY CARE PEMBROKE |
| CLIENT AUTHORIZATION |  |                    |   |
| SIGNED BY:           |  | DATE:              |   |



MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.



Sign # Directional Signage 16.7 SQ FT EACH

- E03** Face Illuminated Directional D/F
  - E04** The directional sign is a fabricated aluminum cabinet with "Emergency" to illuminate red and white at night. Sign to be illuminated w/ Principal Quality Mon white LED S.
  - E05** Directional Copy and Arrows to be routed out and backed up with translucent white acrylic.
  - E06** Cabinet to be painted Blue and Red. Matthews Paint MP41755 LRV 7.1 "Bally Blue Metallic", Semi Gloss Finish. Matthews Paint MP12565 LRV 16.5 "Pepsi Red", Satin Finish.
  - E07** Sign Base to be Stone Masonry ST-01 to match the building. Size of Foundation TBD Per Engineering.
- Photocell and Covered UL Listed disconnect switch placed on the side of the sign facing the building.
- NOTE: Secondary logo w/ accent striping to be Engineers grade reflective vinyl.



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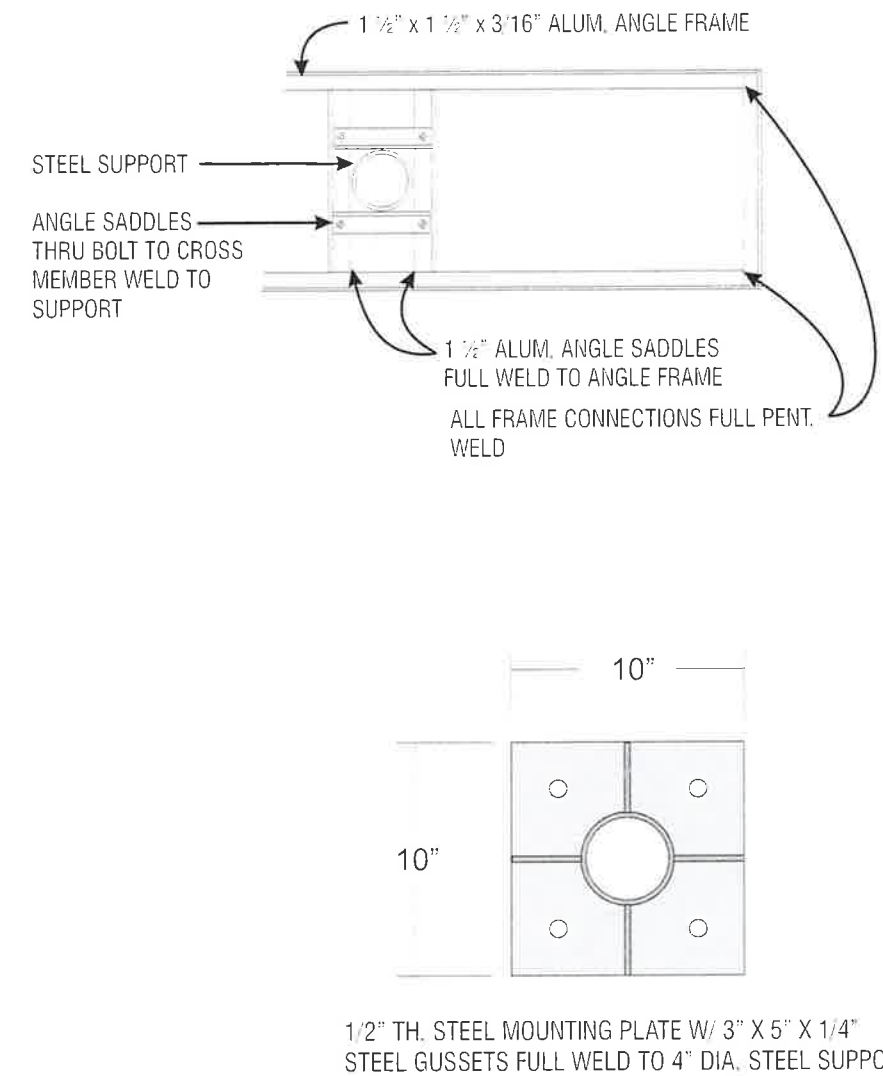
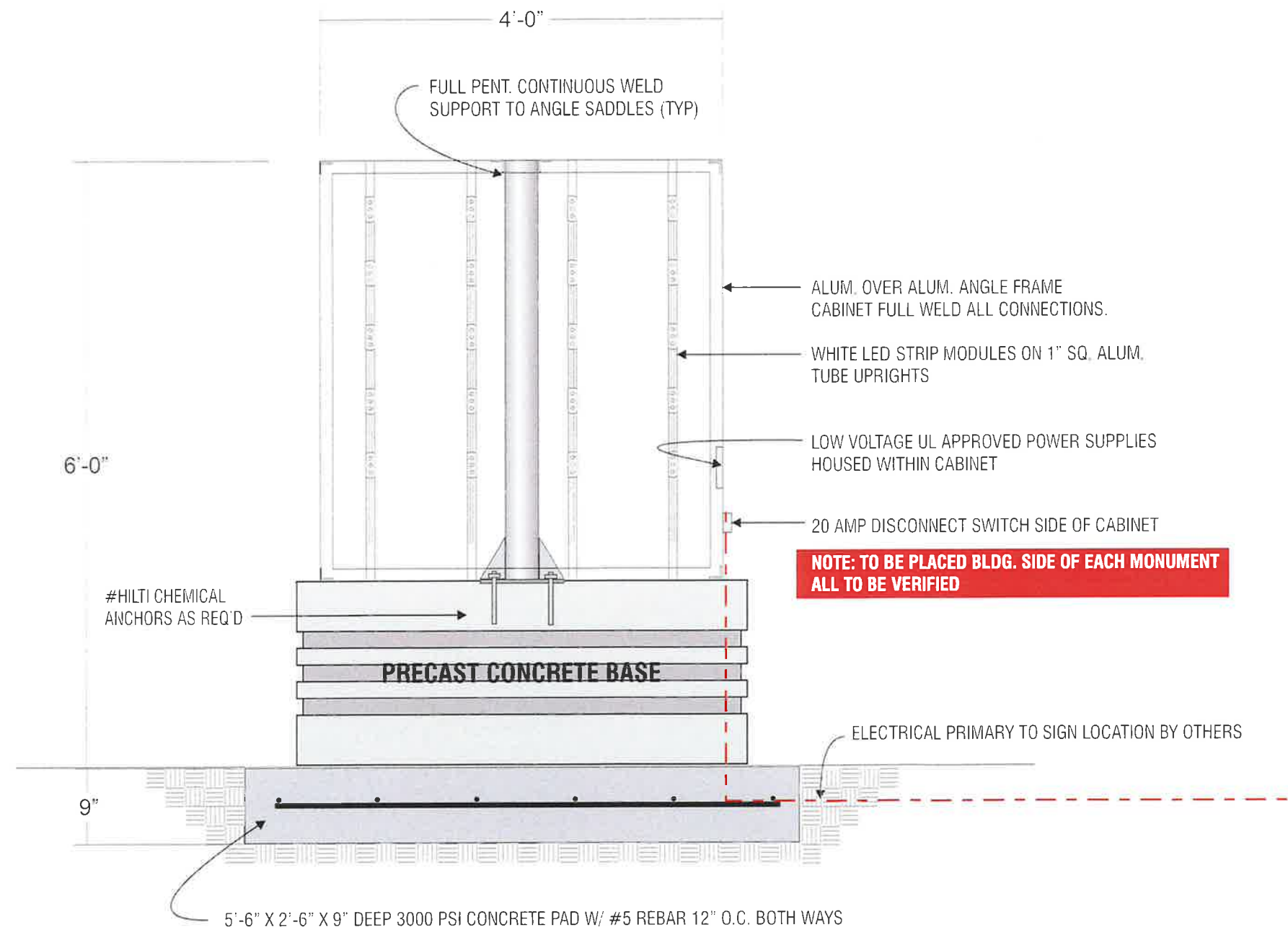
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| JOB INFORMATION |  | DESIGN INFORMATION   |   |
|-----------------|--|----------------------|---|
| CLIENT:         | MEMORIAL EMERGENCY CARE                | SCALE:               | AS NOTED                                    |
| PROJECT:        | D/F DIRECTIONALS                       | DESIGNER:            | C. COOPER                                   |
| LOCATION:       | 801 S. DOUGLAS RD., PEMBROKE PINES, FL | DATE:                | 7/8/25                                      |
|                 |  | REVISIONS:           |   |
| COUNTY:         |  | FILE:                | #0725007 H MEMORIAL EMERGENCY CARE PEMBROKE |
| SALESPERSON:    | J. PRYMAS                              | CLIENT AUTHORIZATION |   |
| SIGNED BY:      |  | DATE:                |   |

| Legend: Materials / Paint / Vinyl |   |     |   |
|-----------------------------------|---|-----|---|
| M1                                | 120" Aluminum   | V2  | 3M Translucent Vinyl "Light Tomato Red" 3730-43L    |
| M3                                | 31/8" White Acrylic #7328   | V9  | 3M Engineer Grade Reflective Vinyl "Red" 3272       |
| M5                                | Stone Masonry ST-01 to match the Building                               | V10 | 3M Engineer Grade Reflective Vinyl "White" 3290     |
| P4                                | Matthews Paint MP41755 LRV 7.1 "Bally Blue Metallic", Semi Gloss Finish | L2  | GE Vinyl LED 7100K Tetra PowerStrip Part # GED571-2 |
| P3                                | Matthews Paint MP12565 LRV 16.5 "Pepsi Red", Satin Finish               |     |   |

MEMORIAL EMERGENCY CARE - 801 S. Douglas Rd., Pembroke Pines, FL.

E03  
E04  
E05  
E06  
E07



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JOB INFORMATION

CLIENT: MEMORIAL EMERGENCY CARE  
PROJECT: D/F DIRECTIONALS  
LOCATION: 801 S. DOUGLAS RD., PEMBROKE PINES, FL

COUNTY:  
SALESPERSON: J. PRYMAS

DESIGN INFORMATION

SCALE: AS NOTED  
DESIGNER: C. COOPER  
DATE: 7/8/25  
REVISIONS:

FILE: #0725007 | MEMORIAL EMERGENCY CARE PEMBROKE

CLIENT AUTHORIZATION

SIGNED BY:

DATE:



SUBJECT SITE AERIAL PHOTO  
0018 – ZV2025-0022)

Memorial Manor & FSR Signage Variances (PRJ2025-0012, ZV2025-

