Specifications

Qty = 1
2,170 Sq Ft

Single Face Internally Illuminated Building Sign

No. 1 Logo
- 8’ Deep custom fabricated internally illuminated remote wired channel letters
- 0.09 (3003 alloy) hand formed aluminum returns; painted red; reinforced along the profile perimeter with 1/8" x 1/8" x 3/16” kerf-cut aluminum angle
- Letter returns supported by interior 1/8" x 1/8" x 3/16” alum.
- Letter backs to be 1/8” aluminum sheet with welded seams; painted red
- Inside of letters to be painted white with light enhancement paint
- 3/16” White polycarbonate faces with translucent red vinyl applied first surface
- Lap seams required with stainless steel stitching

Faces will be hung from 1/8” x 1/8” x 3/16” aluminum perimeter angle welded inside letter
- White LED illumination; mounted to 3mm ACM baffles spaced 5” from face with alum. frame
- Remote wired power supplies to be concealed within galvanized transformer boxes mounted to metal lattice
- Channel Letters to be mounted to galvanized steel post lattice structure with 5” x 5” x 1/2” steel angle *See (C/1B.2)
- Sign to be serviceable from behind

Steel Lattice Structure
- Sign structure mounted to existing steel platform
- 8” x 8” x 1” Square vertical steel columns welded to 12” x 22” x 1½” thick steel plates
- Steel columns secured to steel platform with (Qty: 4) 1/4” steel through bolts per column; *See (G/1B.5)
- “PUMA” Logo Graphic
- 36’-0” (432 3/4”) Overall Height
- 27’-11” (335 3/4”) Overall Frame Height
- 62’-1” (746 1/3”) Overall Width

Colors & Materials

Paint
- Red: Satin Finish
to match PMS 1797 C
*Customer to Approve

Vinyl
- Red Translucent
3M 3630-33
Assembly Row
Somerville, MA

Project: 16286 Puma
Sales: Gary McCoy
Date: 5.30.19
Designer: JN

Note:
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Revision: 6/24/20 JN R3A - Steel Platform as built info added; updated LED layout lighting configuration

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**Channel Letter Mounting Method - Typical**

Scale: 1"=1'-0"

- **A** .090 (3003 Alloy) Hand Formed Aluminum Return (Weep Holes at Bottom)
- **B** 1/2" x 1 1/2" x 3/16" Aluminum Angle Reinforcement
- **C** 1/8" Thick Aluminum Letter Back - with Removable Panel for Service
- **D** 3/16" Thick White Polycarbonate Face with Translucent Vinyl Applied First Surface
- **E** 2" x 2" Fabricated Aluminum Retainers (1/8" at Face; .090 Return)
- **F** White LED Illumination Mounted to 3mm ACM Baffles; Positioned 5" from Face with Aluminum Supports
- **G** Method of Attachment 5" x 9" x 1/16" Steel Angle with Corresponding Steel Match Plate on Interior of Letter
- **H** 6" x 6" x 3/4" Square Steel Spreader
- **I** 6" x 8" x 1/4" Square Steel Vertical Column

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Exterior Roof Sign
West Elevation
**Frame Connection - Front View - Qty:52**

Scale: 1" = 1'-0"

- (4x) 1/4" Ø Thru Bolts
- (4x) 1" Steel Column
- 6" x 6" x 3/16" Steel Spreader
- 6" x 6" x 3/8" Steel Angle Welded to Steel Column

**Frame Connections - Side Section View**

Scale: 1" = 1'-0"

- 8" x 8" x 1/4" Steel Column
- 6" x 6" x 3/16" Steel Spreader
- Welded to Steel Column

**Front Base Plate Detail - Qty:10**

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

- 8" x 8" x 1/4" Steel Column
- (4x) 1/4" Ø Bolts
- (4x) 1/2"
- 1'-10" (22") Plate
- 1'-0" (12") Plate
- 1'-1" (13") O/C

**Existing Steel Platform**

- 8" x 8" x 1/4" HSS Tube
- (4x) 3/4" Ø Thru Bolts
- (8x) Ø 1 1/4"
- (8x) Ø 1 3/8"
- (5x) Ø 1 3/8"
- (3x) O/C
- (1x) O/C

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Revisions:

6/24/20 JN R3A - Steel Platform as field info added, updated LED lighting configuration

Approved By:

Date: 5.30.19
Designer: JN

**Project:** 16286
**Puma**
**Sales:** Gary McCoy
**Date:** 5.30.19
**Designer:** JN

**Exterior Roof Sign**

West Elevation
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Revisions:
6/24/20 JN R3A - Steel Platform as built info added; updated LED layout and lighting configuration

Aluminum Pump Jack Scaffolding:
Installed to reach upper extremities of sign

Aluminum Removable Service Panel:
(Removed from Sign Back - Typical)

0.090 Aluminum Removable Service Panel:
(Removed from Sign Return in Specified Locations)
Conceptual Renderings

Not to Scale