



Tracktown IAAF World Indoor Championships Countdown Clock

Portland, Oregon, USA

Design Development

MARCH 20, 2015

REVISION 02

187096
REVISION HISTORY:

MARCH 03, 2015: ADDENDUM 01
Revisions to site plan to reflect the final installation location at Pioneer Courthouse Square. Clock to be installed on top of existing masonry bench.

MARCH 20, 2015: REVISION 02
Revisions to views, elevations, sections, and details to show LED array facing into Pioneer Courthouse Square as a result of the final clock location.

GENERAL NOTES:

- These drawings and related documents are issued for aesthetic design intent only to illustrate the overall dimensions and aesthetics of the clock. The fabricator shall engineer the internal workings of all components
- The fabricator shall review all drawings and field verify existing as built conditions. Any discrepancies and/or conflicts shall be reported to the owner’s representative in writing prior to fabrications and installation.
- Messaging, copy text, and graphics shown in this drawing set are reference only unless otherwise noted.
- The fabricator shall submit fully-detailed working (shop) drawings of all signs and graphics contained in this package to the architect. Drawings shall be reviewed and have signed approval prior to fabrication or ordering of materials.
- Clock to be fabricated from materials specified unless otherwise approved in writing by the client and architect. No exceptions.
- The fabricator is responsible for determining proper mounting, fastening, and anchoring methods unless otherwise noted. Determination to account for surface material to which the sign is being mounted to. Refer to specifications.
- Drawings contained in this package are for aesthetic and functional design intent only. No instructions for structural appropriateness have been made. It is the responsibility of the fabricator to ensure that all elements are fabricated for a stable and durable installation while adhering to the aesthetic details indicated.
- The fabricator shall design and provide any required infrastructure or sign supports necessary to support the sign in accordance with local jurisdictional and/or code authority requirements.
- All fasteners are to be concealed unless otherwise noted. Any visible fasteners are to be secure, vandal proof, counter-sunk, painted, and/or finished to match adjacent material, unless otherwise noted.
- All graphics shown are placeholder only.
- Provide accessible panels to all transformers. Final locations of transformers to be approved by the architect through review and approval of shop drawing submittals.
- The fabricator shall provide additional electrical cabling to allow connection of the sign to adjacent electrical junction box.
- Provide appropriate chemical bond break between all dissimilar metals (including between sign parts or between signs and architecture).
- All dimensions of existing structures required for work that is connected with work in place shall be field verified by the fabricator prior to fabrication and installation.
- Provide active and/or passive ventilation as required. Ensure ventilation method/system is sufficient to dissipate the heat output of any electrical device installed within the sign cabinet. Any louvered openings in the sign cabinet shall be baffled or screened to prevent light leak.

TECHNICAL CRITERIA:

STRUCTURAL

- Final fabrication and permitting drawings to be stamped by a structural engineer licensed in the state of Oregon.
- Clock structure must be able to withstand repeated 50 mph wind loads.
- Clock structure will need to be bolted into the existing brick pedestal into the underlying CIP concrete structure using an engineered anchoring system that will be subject to approval by Sponsor, Pioneer Square, Inc.

MATERIALS

- All welds, fasteners, joints, connections shall have the highest level of fit and finish and shall be consistent with the overall concept of the structure.
- No untreated metals that could rust or bleed are allowed.
- The final surfaces of all materials shall be able to be “re-finished in the field” without the need to use harsh chemicals/solvents, sandblasting or other activities which could be annoying or hazardous within a highly urbanized and public place.
- Sustainability: There is a strong preference for creative use of sustainable, recycled and recyclable materials. Sourcing of materials in close proximity (not more than 125 miles) to the installation site is desirable.

UTILITIES

- Electrical power to be provided by Pioneer Courthouse Square. Assume 110v, 15 AMP waterproof outlet will be provided on the top of the brick pedestal. It has not been determined whether this is a dedicated circuit.
- All electrical parts, connections and cabinets shall be contained within a locked and readily accessible, waterproof enclosure.
- Grounding will be required.

MAINTENANCE

The Clock and all its associated moving parts, lights, sounds, surfaces, etc. shall be maintained (within 12 hours of notification) at no cost by the Proposer from date of installation through April 1, 2016. Repair of damage caused by obvious vandalism shall be the cost responsibility of Sponsor, though actual repairs may be performed by Proposer.

SITE RESTORATION

Proposer will be responsible for the first \$1,000 in cost for restoring the installation site to its condition prior to installation of the Clock. At a minimum, this will include removal of any anchoring devices and replacement/restoration of a bricks impacted by the installation. Actual repair work will be performed under the supervision of Pioneer Square, Inc. Proposers are encouraged to select an anchoring system that will minimize damage to the underlying structure.

LICENSING

Once constructed, installed and accepted by Sponsor, Sponsor shall hold and retain sole, exclusive and unfettered use of the Clock, and its imagery, including any facsimiles, models or other presentations.

INSURANCE

The contract between Sponsor and Proposer will include specific insurance requirements. Proposer should assume that it will be required to provide Commercial Liability Insurance naming Sponsor, City of Portland and Pioneer Courthouse Square, Inc. with the following limits:
General Aggregate: \$2,000,000
Products-Comp: \$1,000,000
Personal and Adv. Injury: \$1,000,000
Each Occurrence: \$1,000,000
Fire Damage: \$50,000

PERMITS

The Clock will require permit(s) from the City of Portland, including possible design review. Sponsor is currently working with the City of Portland in advance of Proposer selection and will provide specific permitting requirements as soon as practical. Proposer will be required to assist the Sponsor in securing the required permit(s).



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DESIGN DEVELOPMENT

1	03/20/2015	REVISION 02
0	02/27/2015	DESIGN DEVELOPMENT
REV.	DATE	DESCRIPTION

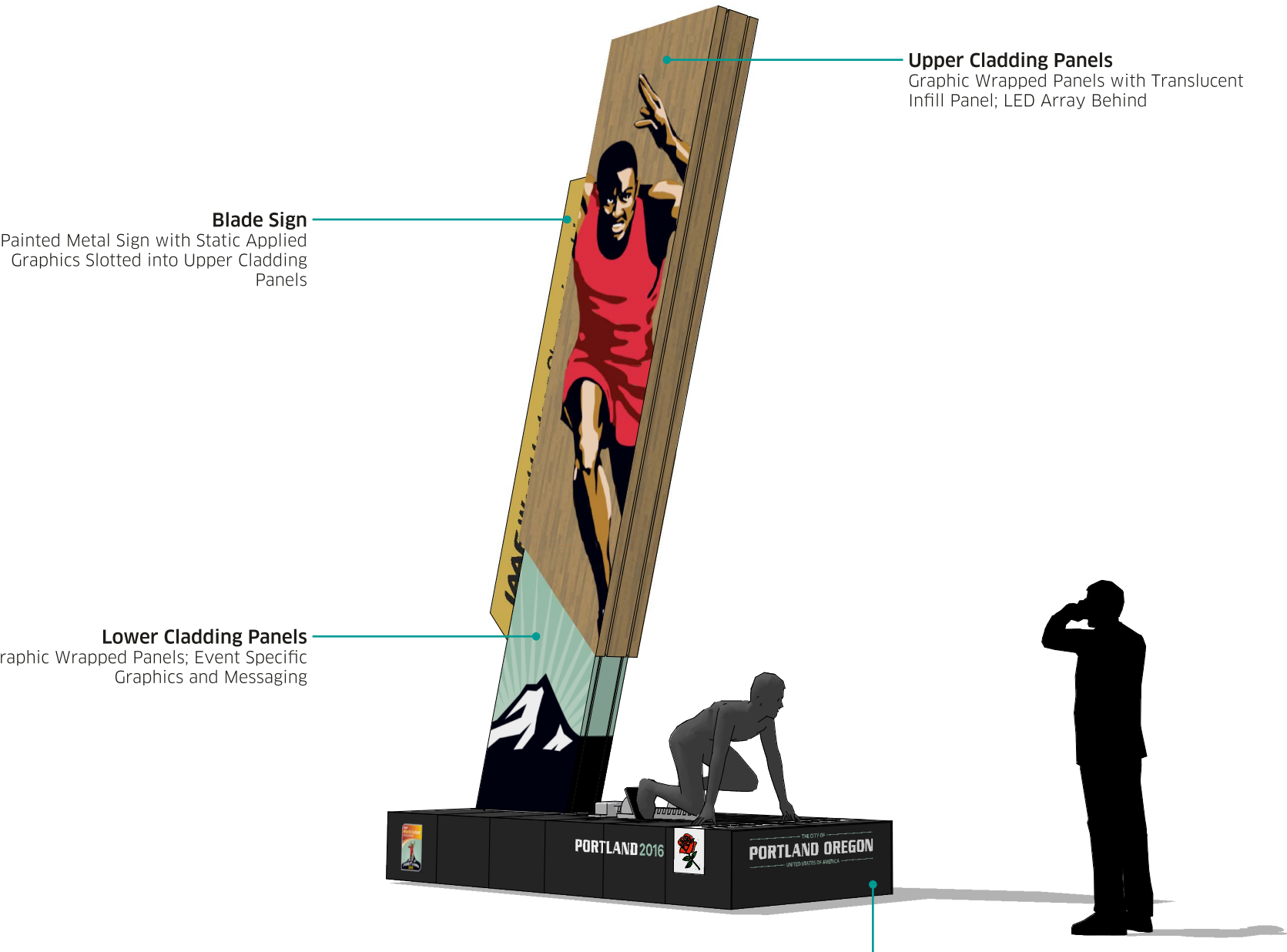
downstream

1624 NW JOHNSON STREET
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USA
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WWW.DOWNSTREAM.COM

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SHEET NAME:
GENERAL NOTES AND SHEET
INDEX

SHEET NO.	REVISION
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SHEET NAME:
OVERVIEW

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1.00-01	1



PIONEER COURTHOUSE SQUARE
Portland, Oregon



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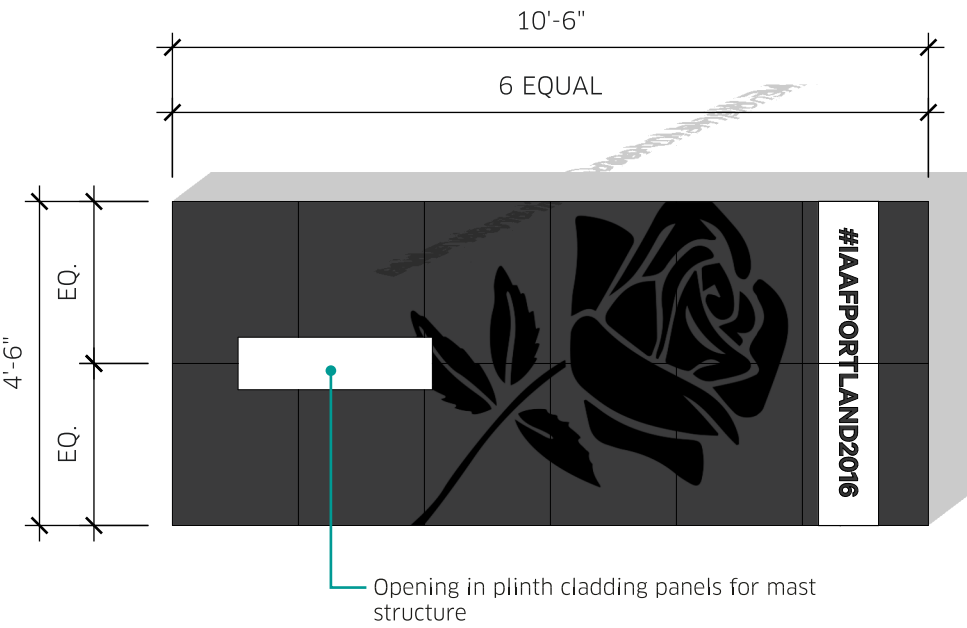
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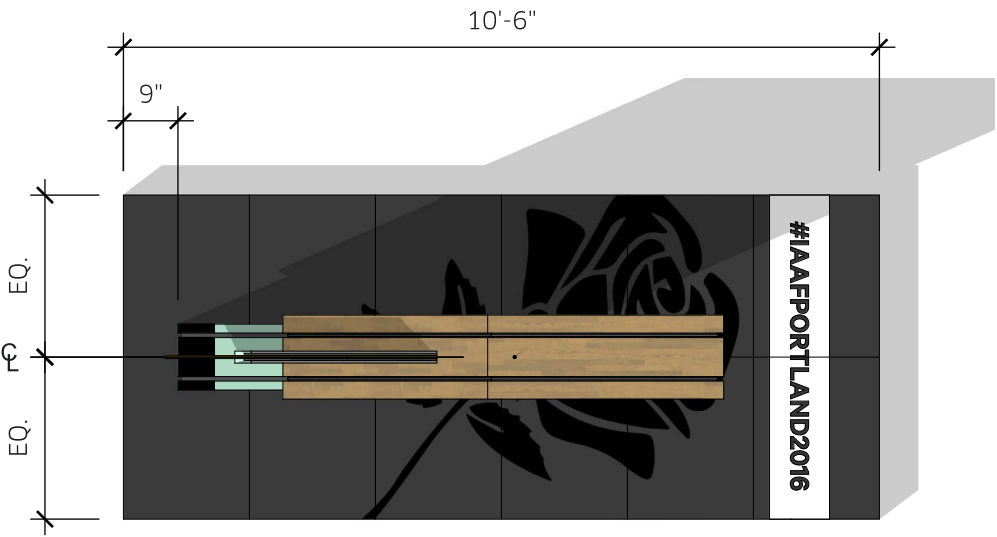
SHEET NAME:
SITE PLAN

SHEET NO.
1.00-02

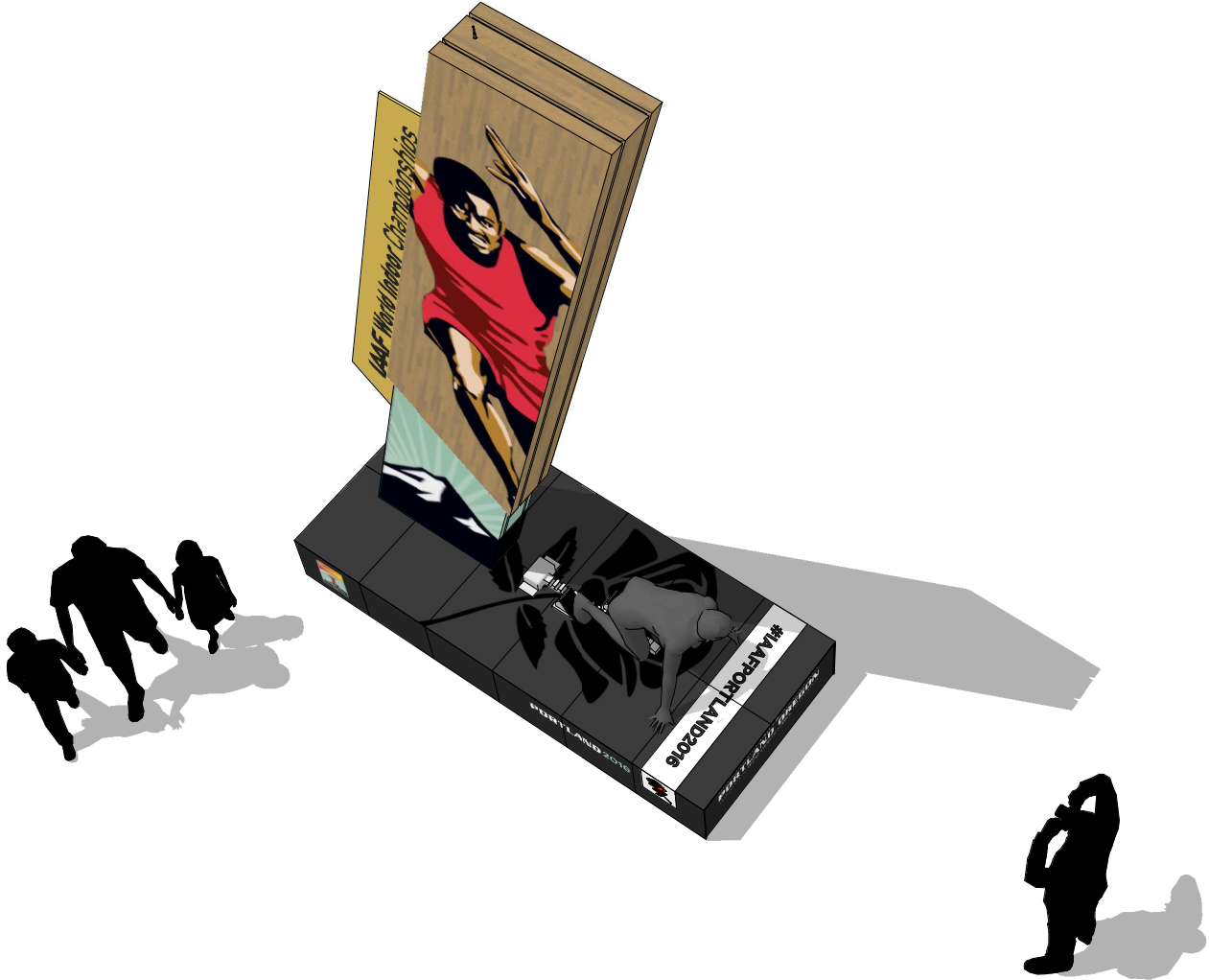
REVISION
1



2 PLINTH PLAN VIEW
SCALE: 3/8" = 1'-0"



3 TOP PLAN VIEW
SCALE: 3/8" = 1'-0"



1 AERIAL 3D VIEW
SCALE: NTS



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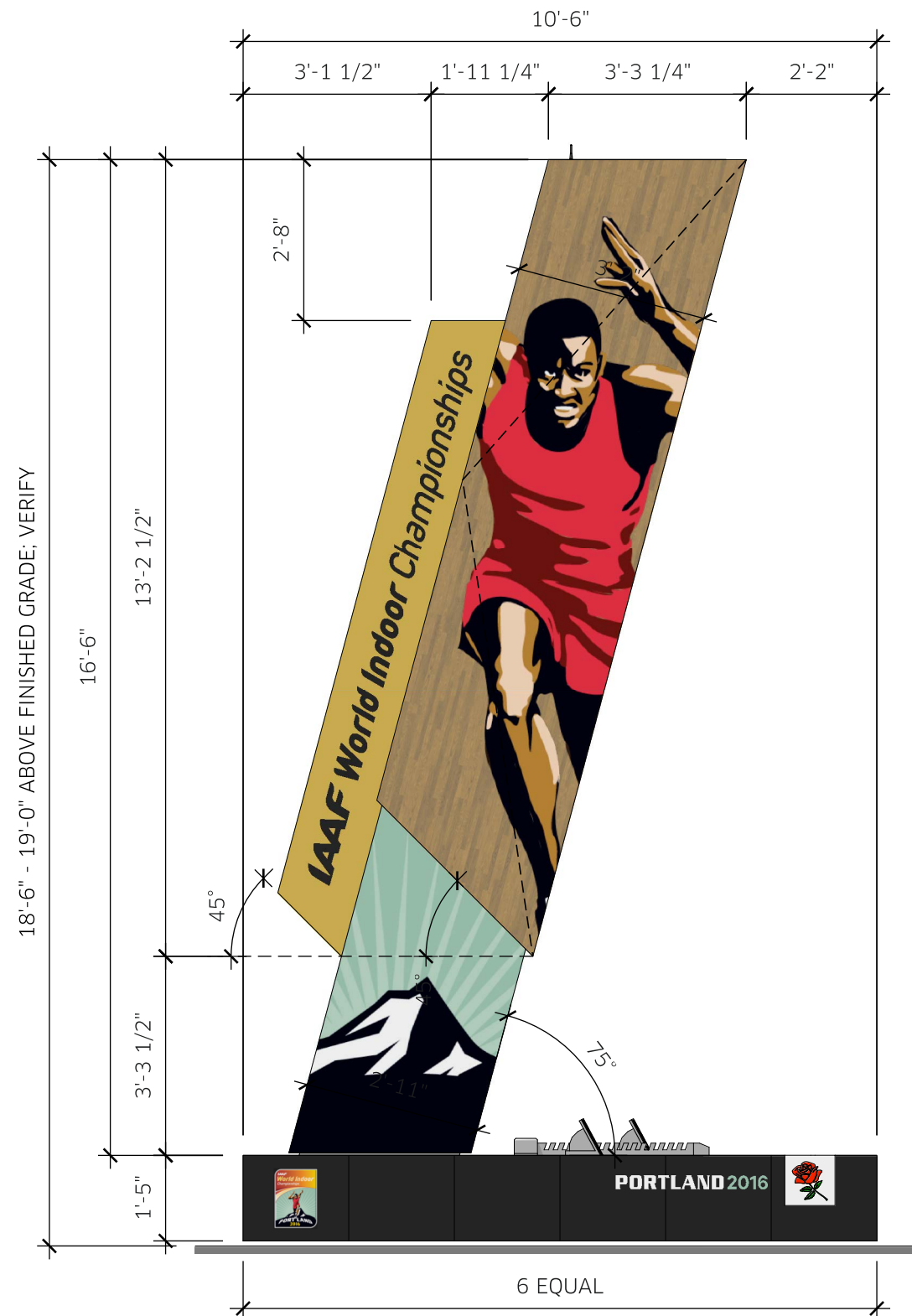
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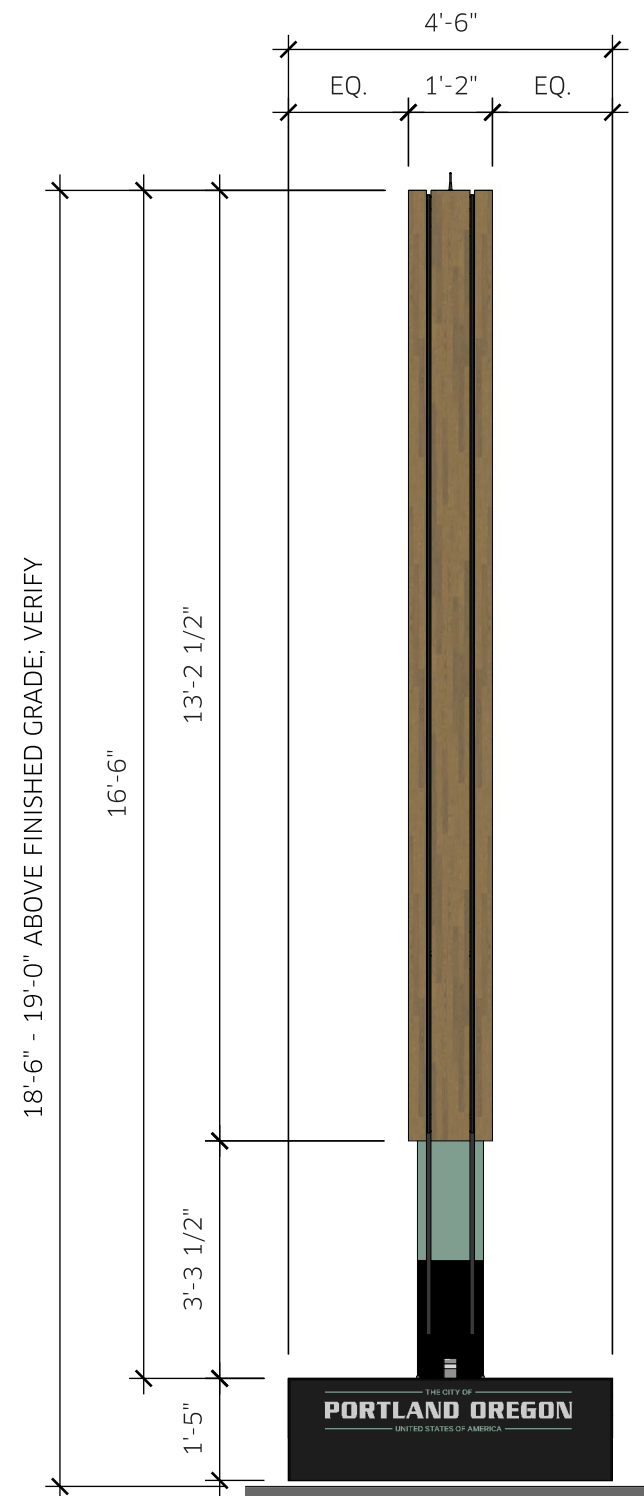
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SHEET NAME:
PLANS



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



2 LEADING ELEVATION
SCALE: 3/8" = 1'-0"

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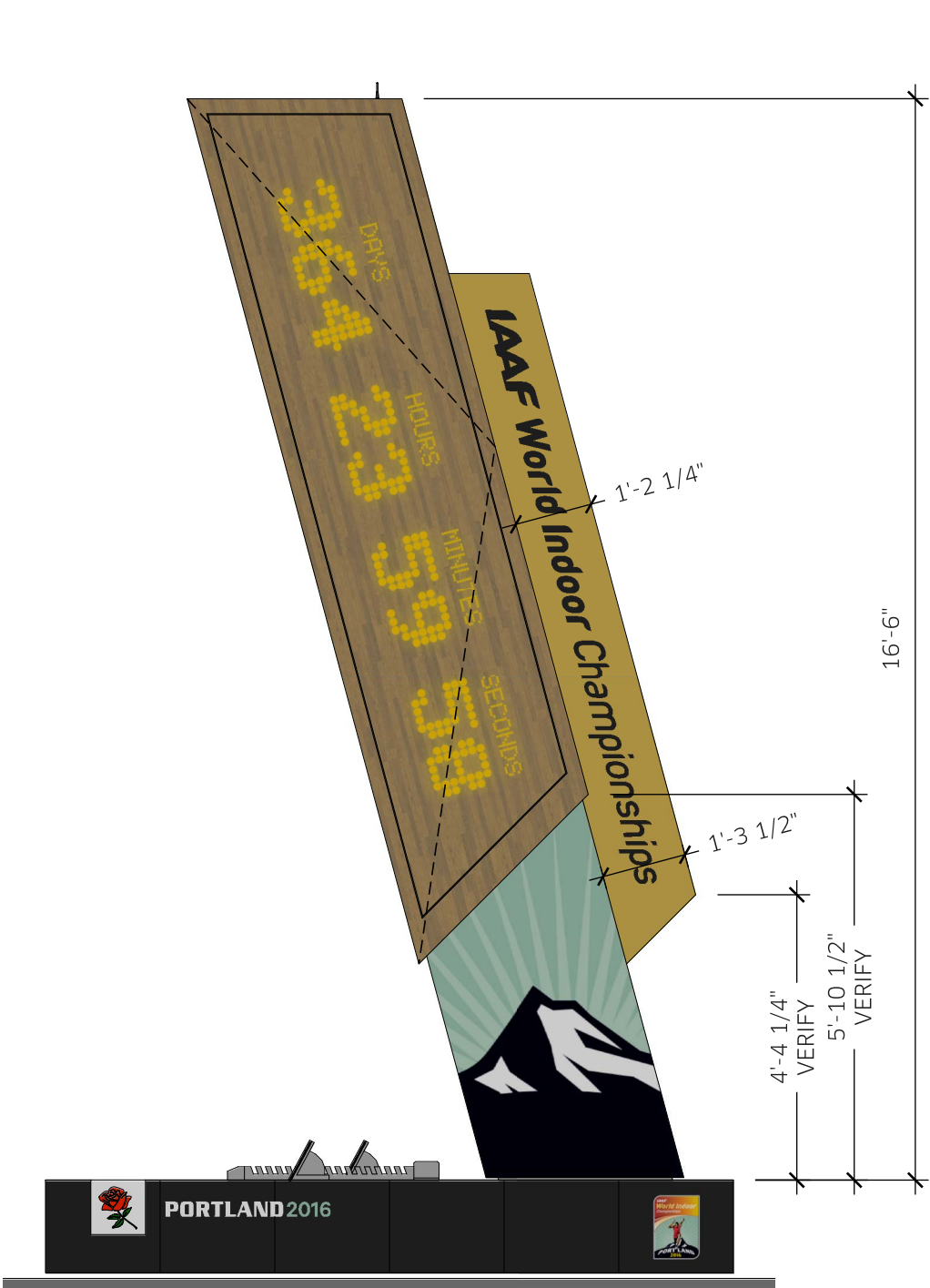
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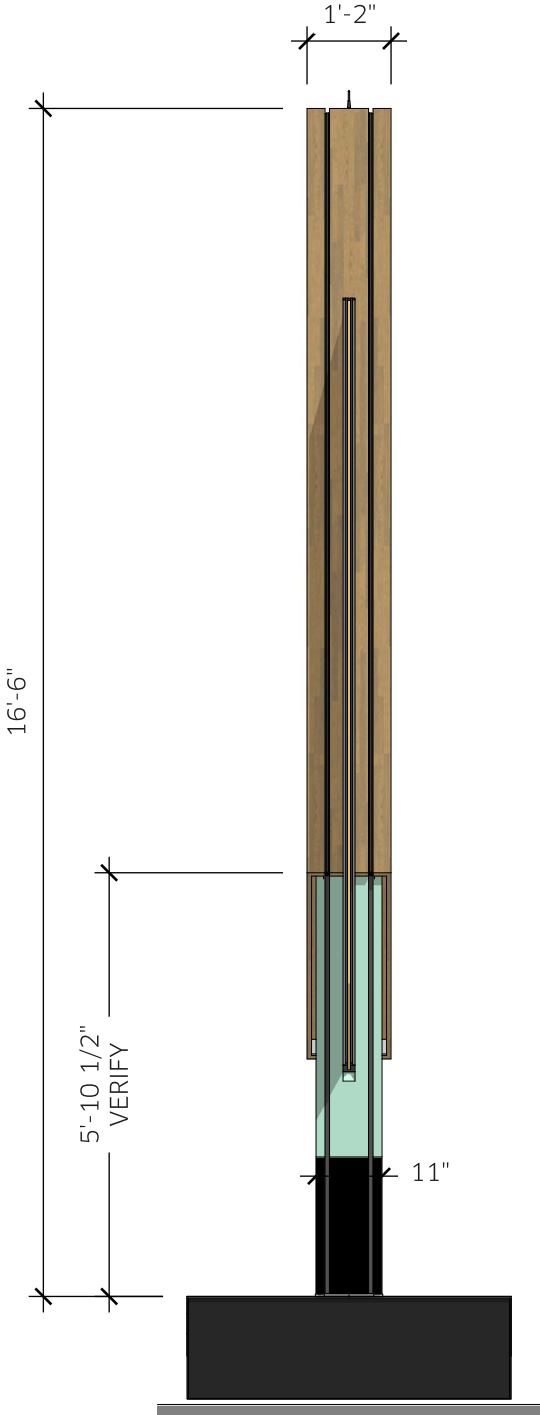
SHEET NAME:
ELEVATIONS

SHEET NO.
2.00-02

REVISION
1



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



2 TRAILING (BLADE) ELEVATION
SCALE: 3/8" = 1'-0"

NOTE: Refer to opposite hand elevations for dimensions not shown on this sheet.



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SHEET NAME:
ELEVATIONS

SHEET NO.
2.00-03

REVISION
1



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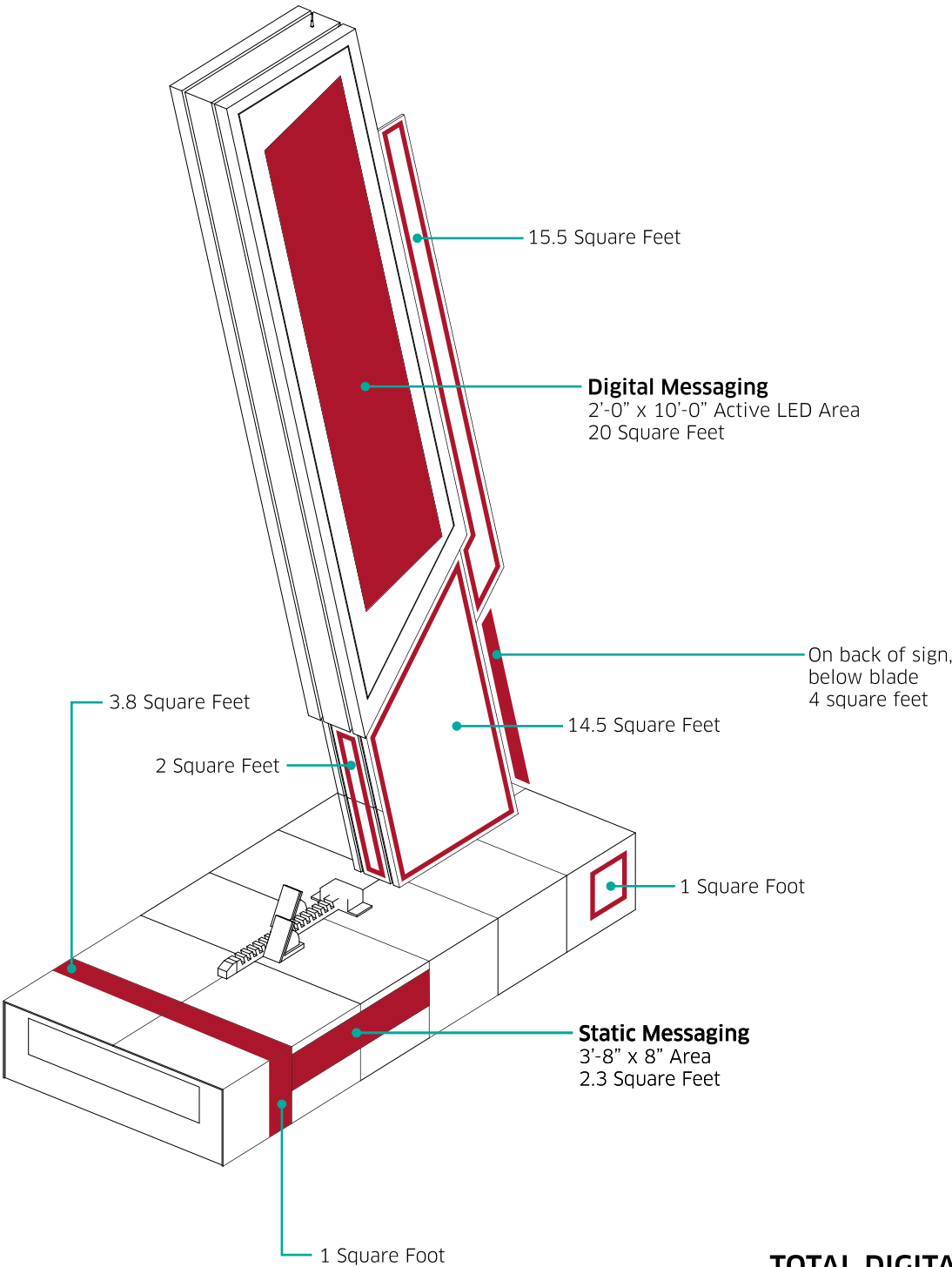
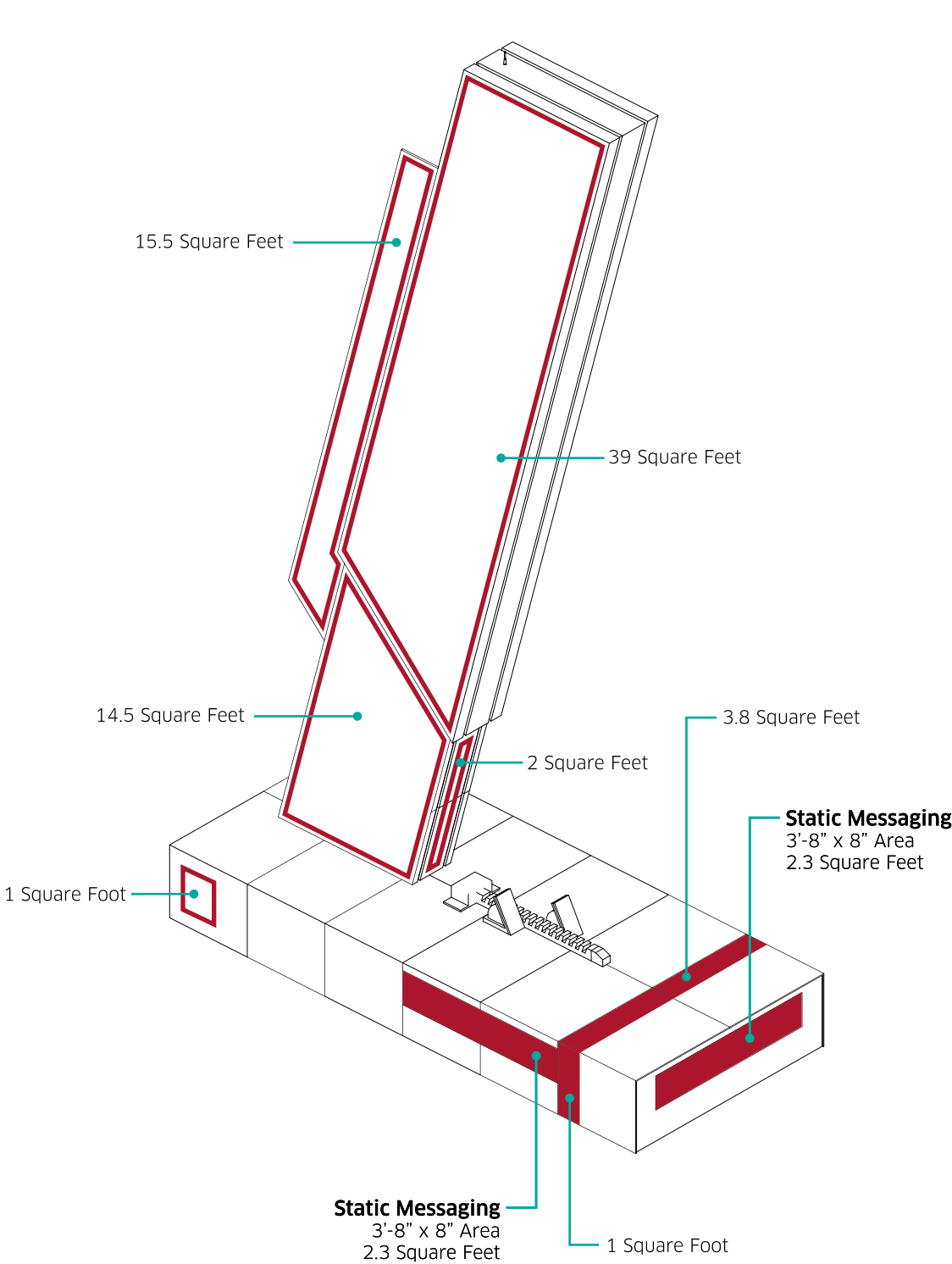
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SHEET NAME:
CLOCK SPONSORSHIP AREAS

SHEET NO.	REVISION
6.00-01	1



TOTAL DIGITAL: 20 Square Feet
TOTAL STATIC: 119.7 Square Feet