

File No. 161321. Substitute resolution relating to a Minor Modification to the Detailed Planned Development known as Block 1-Arena Master Plan for site, building and signage changes to the previously approved arena on land located on the south side of West Juneau Avenue, west of North 4th Street, in the 4th Aldermanic District.





**BLOCK 1 -
WISCONSIN ENTERTAINMENT &
SPORTS CENTER**
MINOR MODIFICATION
FILE NUMBER: 161321

POPULOUS

HNTB



WISCONSIN ENTERTAINMENT & SPORTS CENTER

**1111 N. 4TH STREET
MILWAUKEE WI**

DPD - MINOR MODIFICATION

REVISIONS

N.O.	DATE	DESCRIPTION
1	03.17.2016	ISSUED
2	04.08.2016	REVISED
3	06.08.2016	REVISED
4	07.27.2017	REVISED



PROJECT NUMBER: 15.4017

ISSUE DATE: 01.27.2017

COVER SHEET

POPULOUS **HNTB** **eua**

**SHEET
01**



AERIAL VIEW OF DISTRICT



WISCONSIN ENTERTAINMENT & SPORTS CENTER

**1111 N. 4TH STREET
MILWAUKEE WI**

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REVISIONS

NO.	DATE	DESCRIPTION
1	05.17.2017	ISSUE
2	04.28.2017	REVISED
3	05.18.2017	REVISED
4	04.27.2017	REVISED



PROJECT NUMBER: 15.4017

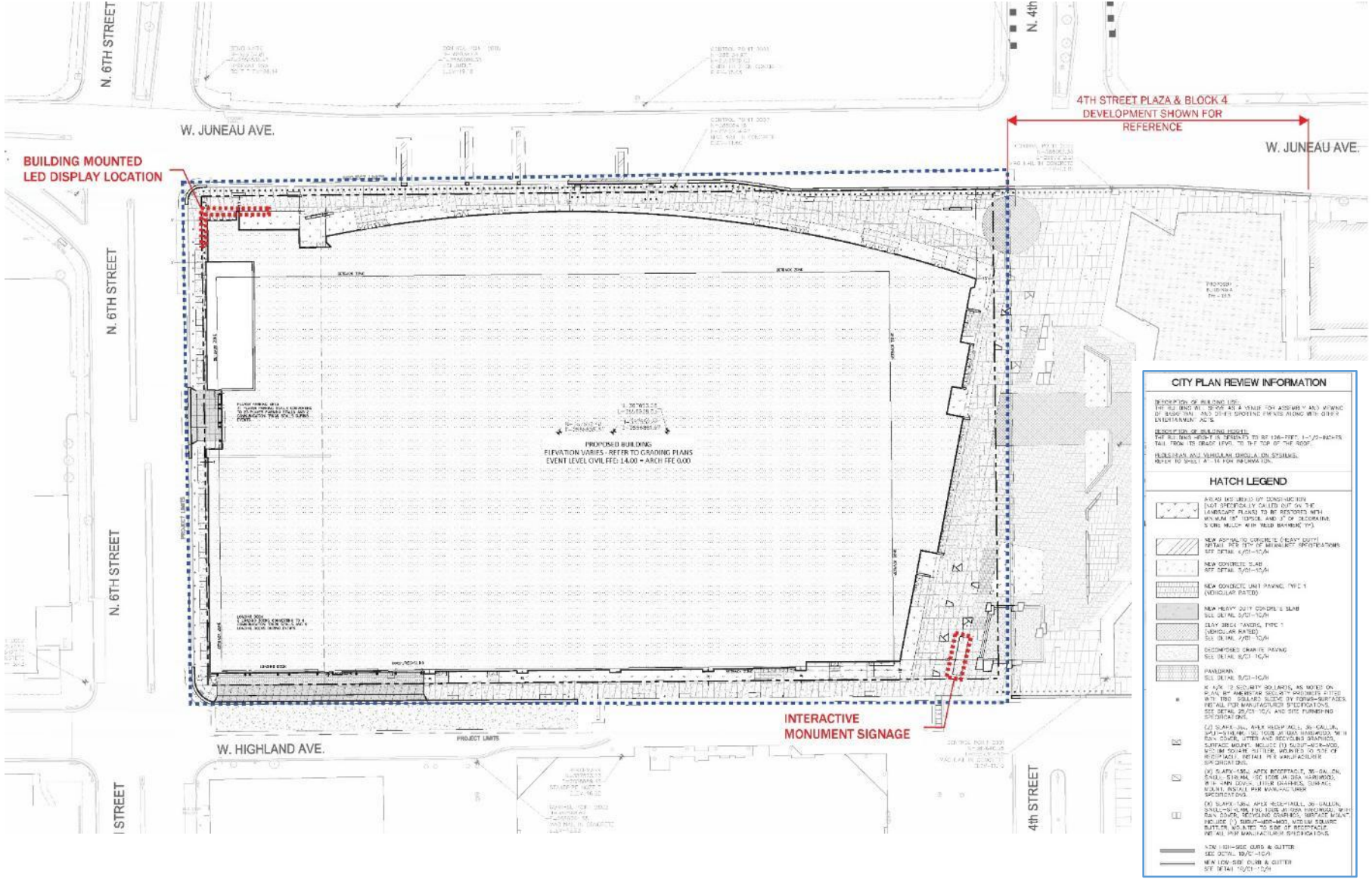
ISSUE DATE: 01.27.2017

AERIAL VIEW OF DISTRICT

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**SHEET
02**

OVERALL SITE PLAN



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MILWAUKEE WI**

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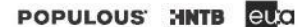
REVISIONS

NO.	DATE	DESCRIPTION
1	05/12/21	ISSUED
2	04/14/22	REVISED
3	05/24/22	REVISED
4	01/27/23	REVISED



PROJECT NUMBER: 15.4017
ISSUE DATE: 01.27.2017

OVERALL SITE PLAN



**SHEET
03**

LANDSCAPE PLAN - 4TH & HIGHLAND



4TH STREET PLAZA
SHOWN FOR REFERENCE

CITY PLAN REVIEW INFORMATION	
<p>SHADE TREE LAYOUT UNDESIGNED PLANTINGS MAY OCCUR OUTSIDE THE PROPERTY BOUNDARIES. THE CITY OF MILWAUKEE DOES NOT GUARANTEE THE ACCURACY OF THE CITY PLAN. THE CITY OF MILWAUKEE DOES NOT GUARANTEE THE ACCURACY OF THE CITY PLAN. THE CITY OF MILWAUKEE DOES NOT GUARANTEE THE ACCURACY OF THE CITY PLAN.</p>	
PLANT KEY	
SHADE TREES	
	ATM ALHAMBRA FANTASY MAPLE
	ECT COFFEE TREE, KENTUCKY
	SMK HONDOLIST
	DW0 DAYL, SPANISH WHITE
STRUCTURAL TREES	
	REB SEROTENOUSITY
	STE EASTERN REDBELL
SHRUBS	
	DBA DOGWOOD, ARCTIC FINE
	ZIB JAPANESE BANE SHUB
	DAK SUBAC, EXO-LON
	VA NEW, AS/SPHON
	MPF HOLLY, WINTERGREEN (FEMALE)
	MPF HOLLY, WINTERGREEN (MALE)
PLANTING MEDIA, GRASSES, SPECIES CODES	
	B BOSTON IVY
	CAC SEDGE, EXOTIC
	VSG GRASS, HEAVY METAL SWITCH
	FC CORN COWK, FANFLE
	POE GRASS, PRAIRIE CORPSEED
	SSC CORPUS SIERA SUNSET
	SL JAPANESE GARDEN
STONE MARKER & STRUCTURAL SOIL	
	MIL TENANCE STRIP, DECORATIVE STONE CHIP
	CU STRUCTURAL SOIL, 3/4" x 1/4"

INTERACTIVE
MONUMENT SIGNAGE



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3	05/24/2016	REVISED
4	04/27/2017	REVISED



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LANDSCAPE PLAN - 4TH & HIGHLAND

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SHEET
05

LANDSCAPE PLAN - 6TH & HIGHLAND



CITY PLAN REVIEW INFORMATION	
<p>SHADE TREE LANDSCAPE: UNDESIRABLE TREES: ANY TREE BEYOND THE PROPERTY LINE OR TO THE RIGHT OF ANY SIDEWALK OR DRIVEWAY. UNDESIRABLE TREES SHALL BE REMOVED AND REPLACED WITH DESIRED TREES. THE TREE SPECIES AND SIZE SHALL BE DETERMINED BY THE CITY ENGINEER.</p>	
PLANT KEY	
SHADE TREES	
	ATM ALTAMA HANDEL MAPLE
	COF COFFEE TREE, KENTUCKY
	SNH NORFOLK
	DWV DAYL, SWAMP WHITE
STRUCTURAL TREES	
	REB REDBUD
	EDF EASTERN REDBUD
SHRUBS	
	DBA DOGWOOD, ARCTIC PRINCE
	ZIB JAPANESE BANE TREE
	SNAC, EXO-LON
	VEV, AS, SPAN
	IMP HOLY, WINTERGREEN (FEMALE)
	MOI, WINTERGREEN (MALE)
PERENNIALS, GRASSES, BULBACCENTS	
PERENNIALS	
	BOB BOB
	SCC SCILLA
	VEG GRASS, HEAVY METAL SWITCH
	COE CORN COCKLE
	ROE ROSE
	SSC CORONILLA SYRIACA
	ULI ULMUS
STONE MULCH & STRUCTURAL SOIL	
	MIL TERAZZO STONE, DECORATIVE STONE CHIP
	CU STRUCTURAL SOIL, 18IN



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4	07/27/2017	REVISED



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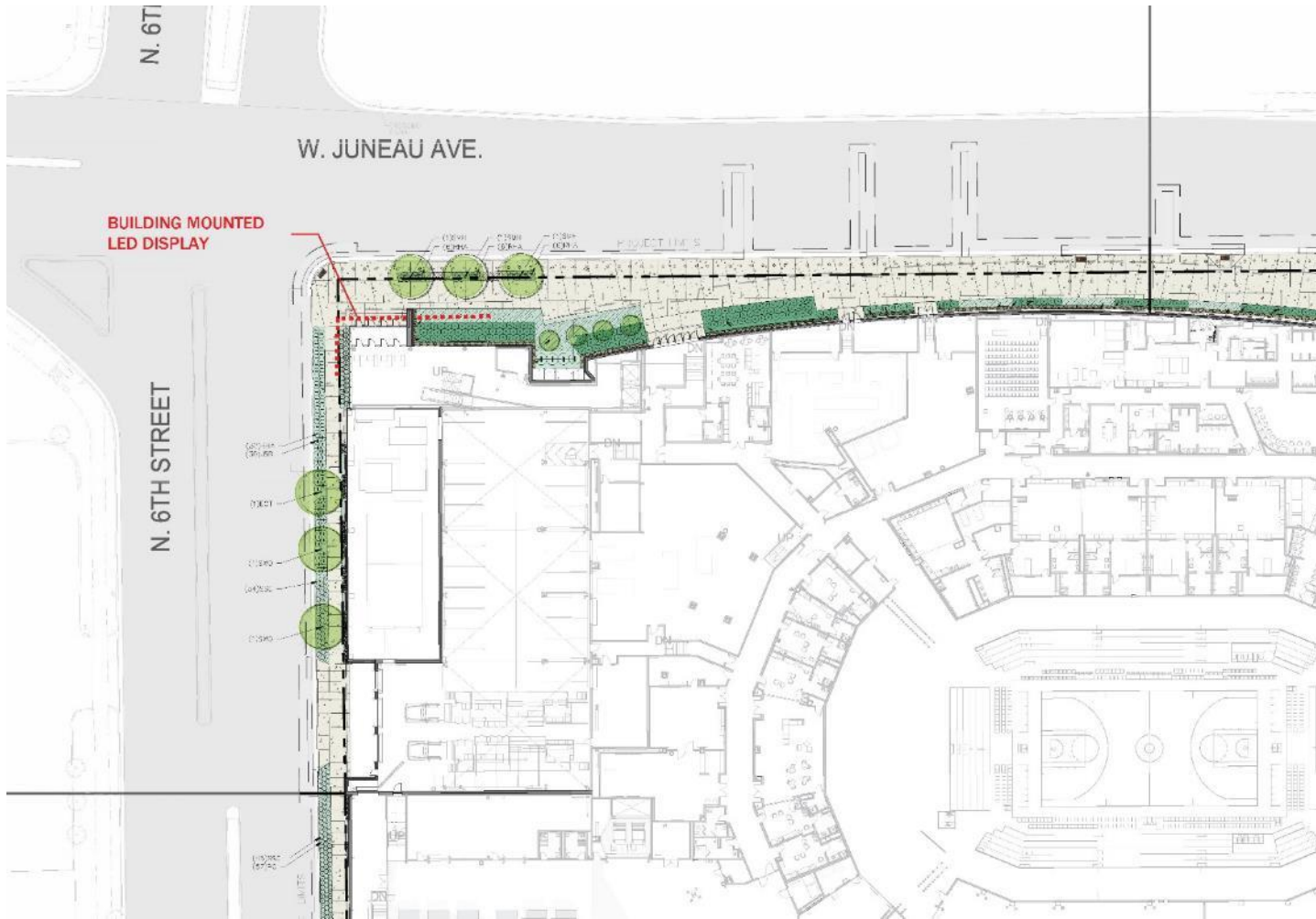
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LANDSCAPE PLAN - 6TH & HIGHLAND

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SHEET
06

LANDSCAPE PLAN - 6TH & JUNEAU



CITY PLAN REVIEW INFORMATION	
<p>SHADE TREES</p> <p>ALL TREE PLANTINGS SHALL BE LOCATED WITHIN THE PROPERTY LINES AND SHALL BE PLANTED AT THE PROPER SPACING AND DEPTH. SUBJECTS ONLY AND NOT TO SCALE. ALL TREE PLANTINGS SHALL BE PLANTED AT THE PROPER DEPTH AND SPACING. ALL TREE PLANTINGS SHALL BE PLANTED AT THE PROPER DEPTH AND SPACING.</p>	
PLANT KEY	
	A1M ALHAMBRA FAN PALM
	DCT COFFEE TREE, KENTUCKY
	SNA SPANISH OLEANDER
	DWD DAY LILY, SPANISH WHITE
STRUCTURAL TREES	
	REB REDWOOD
	EDR EASTERN REDWOOD
SHRUBS	
	DSA DOGWOOD, ARCTIC FINE
	ZIB ZEPHYRUS BEEB CAMEL
	SNA SIBYRAC, EURO-LIGN
	TWA TWIG DOGWOOD
	VVA VIBURNUM, WINTERGREEN (FEMALE)
	WPP WOOD PEAR, WINTERGREEN (MALE)
GRASSES & ORNAMENTALS	
	B BOSTON IVY
	CAC CACTUS, SPINE
	VSG GRASS, HEAVY METAL SWITCH
	POC PINE, COMMON, HAWK
	SSC GRASS, PRAIRIE DOGWOOD
	W WOOD, WINTERGREEN (MALE)
	W WOOD, WINTERGREEN (MALE)
STONE MATH & STRUCTURAL SOIL	
	MIL MILWAUKEE STONE, DECORATIVE STONE CHIP
	CU STRUCTURAL SOIL, 3/4" DIA.



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REVISIONS		
NO.	DATE	DESCRIPTION
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3	08/27/21	REVISED
4	09/27/21	REVISED



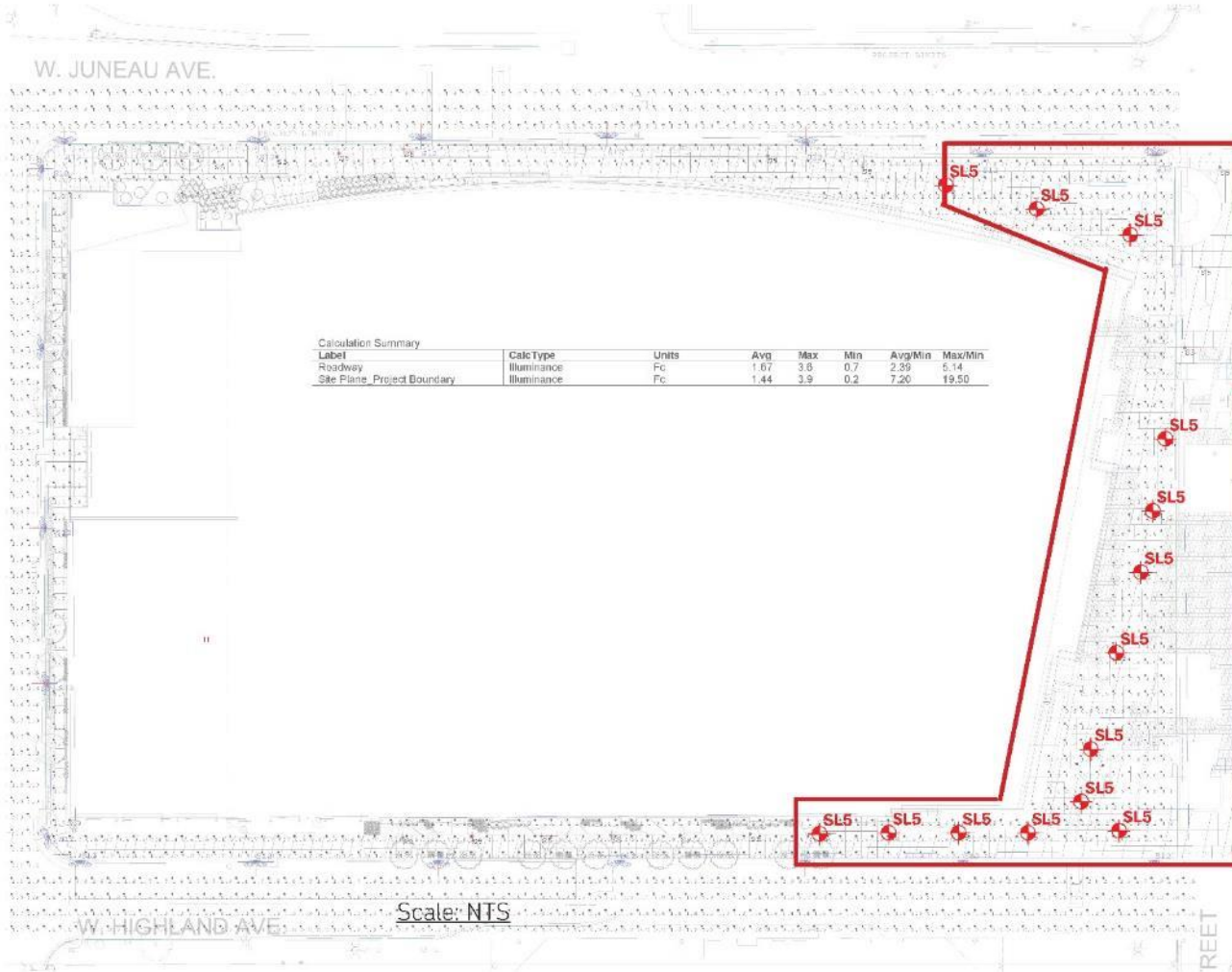
PROJECT NUMBER: 15.4017
ISSUE DATE: 01.27.2017

LANDSCAPE PLAN - 6TH & JUNEAU

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**SHEET
07**

SITE LIGHTING - PHOTOMETRIC PLAN



PRIMARY SCOPE OF LIGHTING REVISIONS



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3	06/24/21	REVISED
4	07/27/21	REVISED



PROJECT NUMBER: 15.4017

ISSUE DATE: 01.27.2017

SITE LIGHTING PHOTOMETRIC PLAN

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**SHEET
08**

SITE LIGHTING – REVISED CUTSHEETS



LED Lighting – LED lighting is the most energy-efficient lighting technology available today. LED lighting is a long-life lighting technology that is becoming increasingly popular in commercial and residential applications. LED lighting is a solid-state lighting technology that is becoming increasingly popular in commercial and residential applications. LED lighting is a solid-state lighting technology that is becoming increasingly popular in commercial and residential applications.

- Typical
- LED
- LED
- LED
- LED
- LED



ACCADIA 220 R Specifications

ACCADIA 220 R is a low architectural landscape lighting and accenting luminaire. It features a clear tempered glass lens with black screen printing is bonded flush to the stainless steel luminaire housing. Clear tempered glass lens with black screen printing is bonded flush to the stainless steel luminaire housing. Clear tempered glass lens with black screen printing is bonded flush to the stainless steel luminaire housing.



ROHS/REACH
 RoHS/REACH compliant luminaire. It is a low architectural landscape lighting and accenting luminaire. It features a clear tempered glass lens with black screen printing is bonded flush to the stainless steel luminaire housing. Clear tempered glass lens with black screen printing is bonded flush to the stainless steel luminaire housing.



LED Bollards with low energy consumption, high performance, and long life span. They are available in various sizes and finishes. They are available in various sizes and finishes.



TYPE S5 – PEDESTRIAN POLE

TYPE S10 – TREE LIGHTING

BOLLARD LIGHTING



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4	10/27/21	REVISED



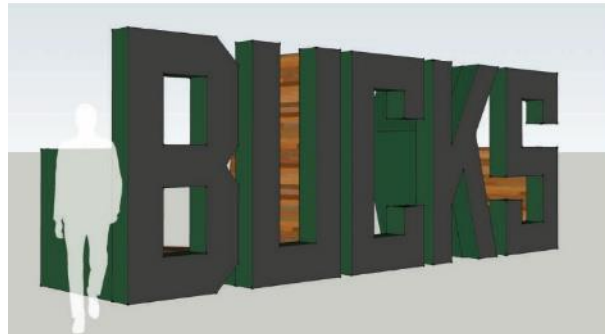
PROJECT NUMBER: 15.4017
 ISSUE DATE: 01.27.2017

SITE LIGHTING – REVISED CUTSHEETS

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SHEET
 09

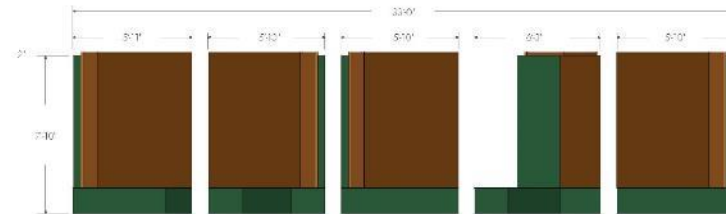
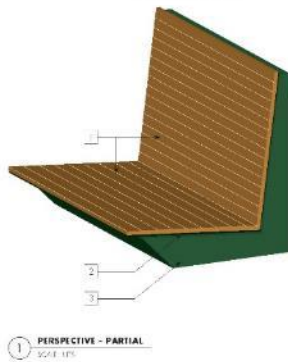
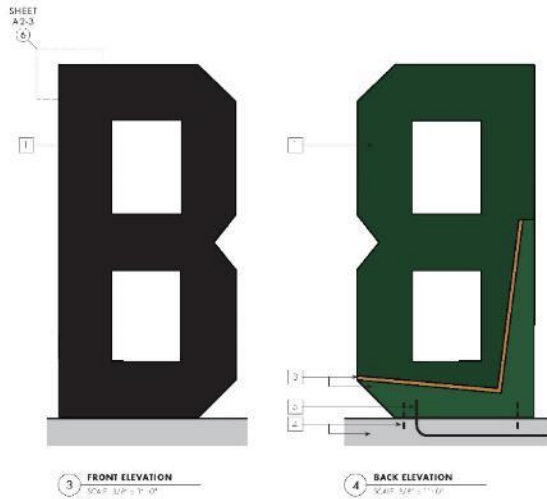
INTERACTIVE MONUMENT SIGNAGE – 4TH & HIGHLAND



EAST FACE – “BUCKS”



WEST FACE – SEATING



A2 STADIUM MONUMENT LETTERS

- 1A. Sign letter: Each panel is milled from 1/2" thick 6061-T6 aluminum & back to metal. 6061-T6 200C.
 - 1B. Sign face: Clear coated, 1/4" thick steel to be overlaid w/ clear coat w/ sign letter. A white.
 - 1C. Sign return (perfl): Sign return to feature perforation 1/2" in.
 - 1D. Interior acrylic panel: Panel is milled up to post panel.
- The sign letter (including face returns) shall be fabricated & finished in 6061-T6 aluminum & shall be milled to assure perpendicularity & no parallel angle. The steel w/ face visible areas on the back. Provide finish across for readability.
- 2. Internal illumination: Layer of light emitting diodes (LED) installed in 6061-T6 aluminum. Provide show control, dimming w/ controller & data logging capability for control and integration w/ stadium EMS system.
 - 3. Integrated bench seating/wood slats: 18" high bench seating & a series wood slats to match coloration of project (see 110).
 - 4. Mounting & foundation: Fabrication assembly to be mechanically fastened to ground and into foundation concrete or grouted foundation.
 - 5. Electrical & Data: Provide concealed electrical & data to sign.
 - 6. Structure: Provide steel to be welded to concrete or grouted foundation.



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INTERACTIVE MONUMENT SIGNAGE

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10

INTEGRATED LED DISPLAY – REFERENCE PROJECTS



REFERENCE PROJECT:
WEMBLEY STADIUM - LONDON, UK



REFERENCE PROJECT:
T-MOBILE ARENA – LAS VEGAS, NV



UNLIT DISPLAY, SHOWING TRANSPARENCY - T-MOBILE ARENA



FULLY LIT DISPLAY - T-MOBILE ARENA



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4	07.27.2017	REVISED



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INTEGRATED LED DISPLAY –
REFERENCE PROJECTS

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11



NORTHWEST ENTRANCE - DAYTIME



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1	05.17.2017	ISSUE FOR PERMITS
2	06.04.2017	REVISED
3	06.28.2017	REVISED
4	07.27.2017	REVISED



PROJECT NUMBER: 15.4017

ISSUE DATE: 01.27.2017

NORTHWEST ENTRANCE - DAYTIME

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**SHEET
12**



NORTHWEST ENTRANCE - EVENING



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1	05.17.2017	ISSUE FOR PERMIT
2	06.04.2017	REVISED
3	06.28.2017	REVISED
4	07.27.2017	REVISED



PROJECT NUMBER: 15.4017

ISSUE DATE: 01.27.2017

NORTHWEST ENTRANCE - EVENING

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**SHEET
13**