

CITY OF SAINT PAUL

DRAFT

HERITAGE PRESERVATION COMMISSION RESOLUTION

FILE NUMBER 13-Lighting Civil War Memorial

DATE April 25, 2013

WHEREAS, Chapter 73 of the Saint Paul Legislative Code declares as a matter of public policy that the preservation and perpetuation of areas, places, structures and objects having special historical, aesthetic interest or value is a public necessity and is required in the interest of the health and welfare of the people; and

WHEREAS, the Saint Paul Heritage Preservation Commission (HPC) is authorized by Chapter 73 of the Saint Paul Legislative Code to safeguard the heritage of the City of Saint Paul by preserving sites and structures which reflect elements of the city's cultural, social, economic, political or architectural history and to protect and enhance the City of Saint Paul's attraction to residents, tourists and visitors; and

WHEREAS, the Civil War Memorial, also called the Soldiers and Sailors Monument, is located on a triangular parcel of land that is bounded by John Ireland Boulevard, Summit Avenue and Kellogg Boulevard also called Summit Park. The Monument is located just outside the boundaries of the local and National Register Hill Historic Districts and is located within the Capitol Area boundaries; and

WHEREAS, the 14-foot tall bronze statue of Josias R. King stands atop a 55-foot tall column of Vermont marble designed by artist John K. Daniels, a Norwegian-born sculptor in Saint Paul who also created portraits of Senator Knute Nelson and Leif Erikson, as well as another Civil War monument in Arkansas; and

WHEREAS, Josias R. King was the first Minnesotan to volunteer to fight for the Union in the Civil War. The men of the 1st Minnesota Infantry are most remembered for their actions on July 2, 1863, during the second day of the battle at Gettysburg, where the regiment prevented the Confederates from pushing the Federals off of Cemetery Ridge, a position that was to be crucial in the battle and considered a turning point of the Civil War; and

WHEREAS, the Memorial was commissioned by the Allied Organizations of the City of Saint Paul and the Grand Army of the Republic. Henry Castle dedicated the statue on November 20th, 1903; and

WHEREAS, Mr. Edward (Mike) Murphy III is donating lighting for the Memorial and states that the statue has been in the dark for 100 years while other monuments in Saint Paul have enjoyed some type of architectural lighting. Mr. Murphy's goal is to light the memorial on this 150th Anniversary year of the Battle of Gettysburg. Mr. Murphy enlisted a lighting design firm and the plan uses seven small LED's to cast narrow beams of light to reach the height of the statue while providing a wash of light on the marble column; now therefore

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13-Civil War Memorial

BE IT RESOLVED, that based on the information presented at its April 11th and April 25th, 2013 meetings, the Heritage Preservation Commission supports the proposal of adding ground-mounted lighting to highlight the Civil War Memorial and thanks Mr. Edward (Mike) Murphy III for this donation. Further, the HPC also supports and encourages restoration of the marble column and statue and recommends coordination and planning between Public Art Saint Paul and the Department of Parks and Recreation.

MOVED BY

SECONDED BY

IN FAVOR

AGAINST

ABSTAIN

Spong, Amy (CI-StPaul)

From: Edward Murphy <mikemur@earthlink.net>
Sent: Saturday, April 06, 2013 2:57 PM
To: Spong, Amy (CI-StPaul)
Subject: Civil War Monument Lighting

To: Heritage Planning Commission

My name is Edward (Mike) Murphy III. Except for school and military service, I am a lifelong St Paul resident, now retired. My great grandfather, Joseph Tenner, at the time a 21 year old Swiss immigrant from Stillwater, MN. , served from 1861-64 with the famous 1st MN Vol. Inf. Rgmt. On July 2, 1863, with the Union front about to be cut in two, Gen. Winfield Scott Hancock ordered a headlong charge by the Regiment, into the breach, during the Battle of Gettysburg, PA., which saved the Union's bacon that bloody day. Pvt Tenner was one of the few not killed or wounded. Later, on July 3, Joseph was wounded during the final Confederate charge led by CSA Gen. Geo E. Pickett. He did survive the war, became a barber in St Paul and died at age 62. Gettysburg turned out to be the turning point of the Civil War and of our American history. The 1st Mn played a pivotal role.

July, 2013 is the 150th Anniv of the Battle of Gettysburg. Currently the MN History Center has a well publicized exhibition about Minnesota's role in the Civil War. Just across the street is located the Civil War Monument, adjacent to the National Register and local Hill Historic District boundaries. The monument was erected in 1903 "through the instrumentality of the Allied Organizations of the City of St Paul and The Grand Army of the Republic". The column is 55' high and the statue on top is 14' tall. The soldier depicted represents Josias R King, the first man to volunteer in the 1st MN Vol. Inf. Rgmt., the first regiment tendered to the Union for "suppression of the rebellion".

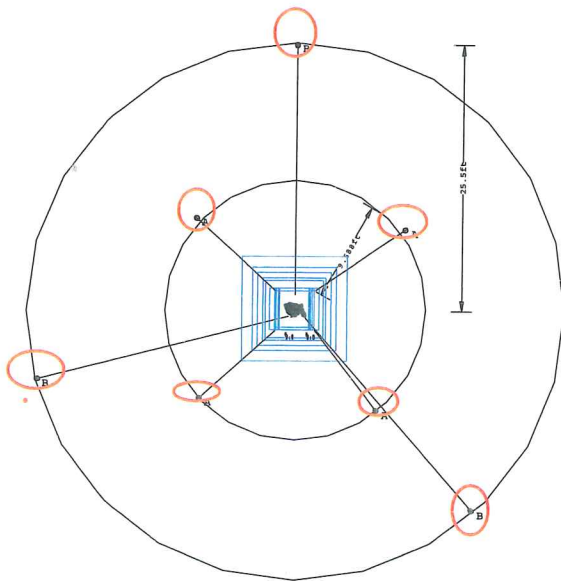
For 100 years, the monument has been in the dark, while other locations and monuments, considered prominent in St Paul have enjoyed some type of architectural lighting. I dare say that thousands of Minnesotans pass the monument weekly and never know it is there. 100 years in the dark is too long. By making a gift to the City of St Paul, my goal is to light the monument on this 150th Anniv. year of the Battle of Gettysburg.

The planned solution will be high quality/cost LED fixtures, with a plan designed by an architectural lighting design firm. The plan uses 7 small (approximately 6" in length) LED's that are powerful enough to cast narrow beams of light to reach the considerable height of the monument, and wash the column at the same time. The plan is to do the project install in May. The City of St Paul has been most helpful in actively participating in the project. The monument lighting will be connected to adjacent street lighting and be activated by a photocell.

It is my understanding that a formal design review process by the Heritage Preservation Commission is not required but a resolution of support for the project is being requested. City Council approval of the donation will also follow.

Thank you for your consideration.
mike murphy
609 Montcalm Place
St paul, MN 55116

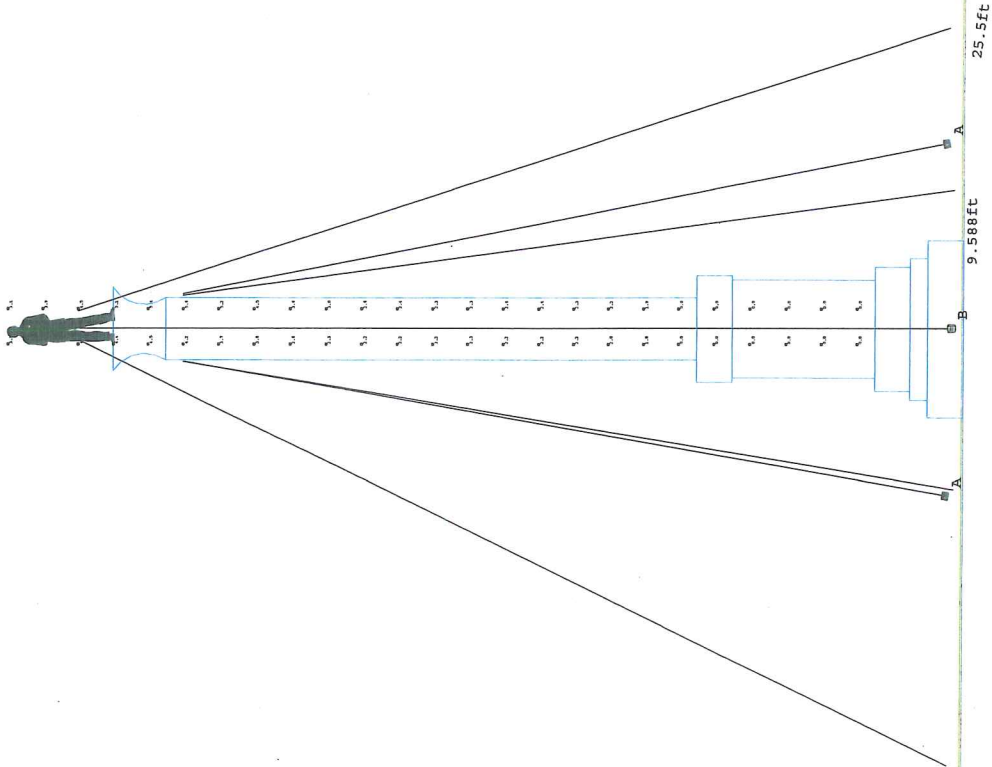
JOSIAS R. KING MONUMENT LIGHTING PLAN



3/7/2012 Civil War Monument ver2.AGI

Luminaire Schedule					
Project: JRM Lighting Alliance					
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF Description
A	4		SINGLE	8,950	BECA 7701LED Flood
B	4		SINGLE	8,950	BECA 7703LED Narrow

Calculation Summary						
Project: JRM Lighting Alliance						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
CalcPts front	Illuminance	Fc	2.39	5.6	0.0	N.A. N.A.



ELEVATION

25.5 ft 9.58 ft 0.0 ft Total



TRAFFIC DIRECTION

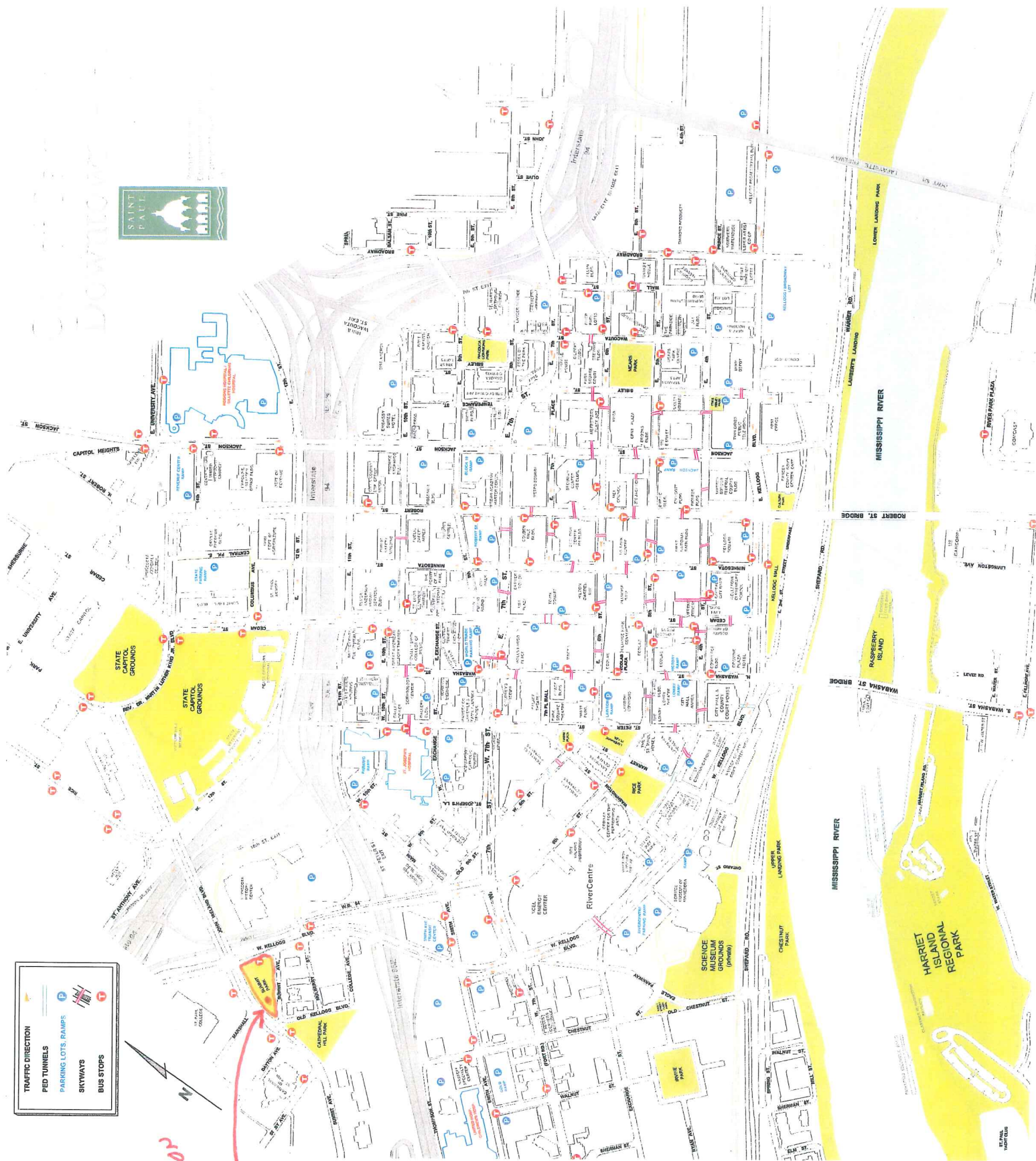
PEDESTRIAN TUNNELS

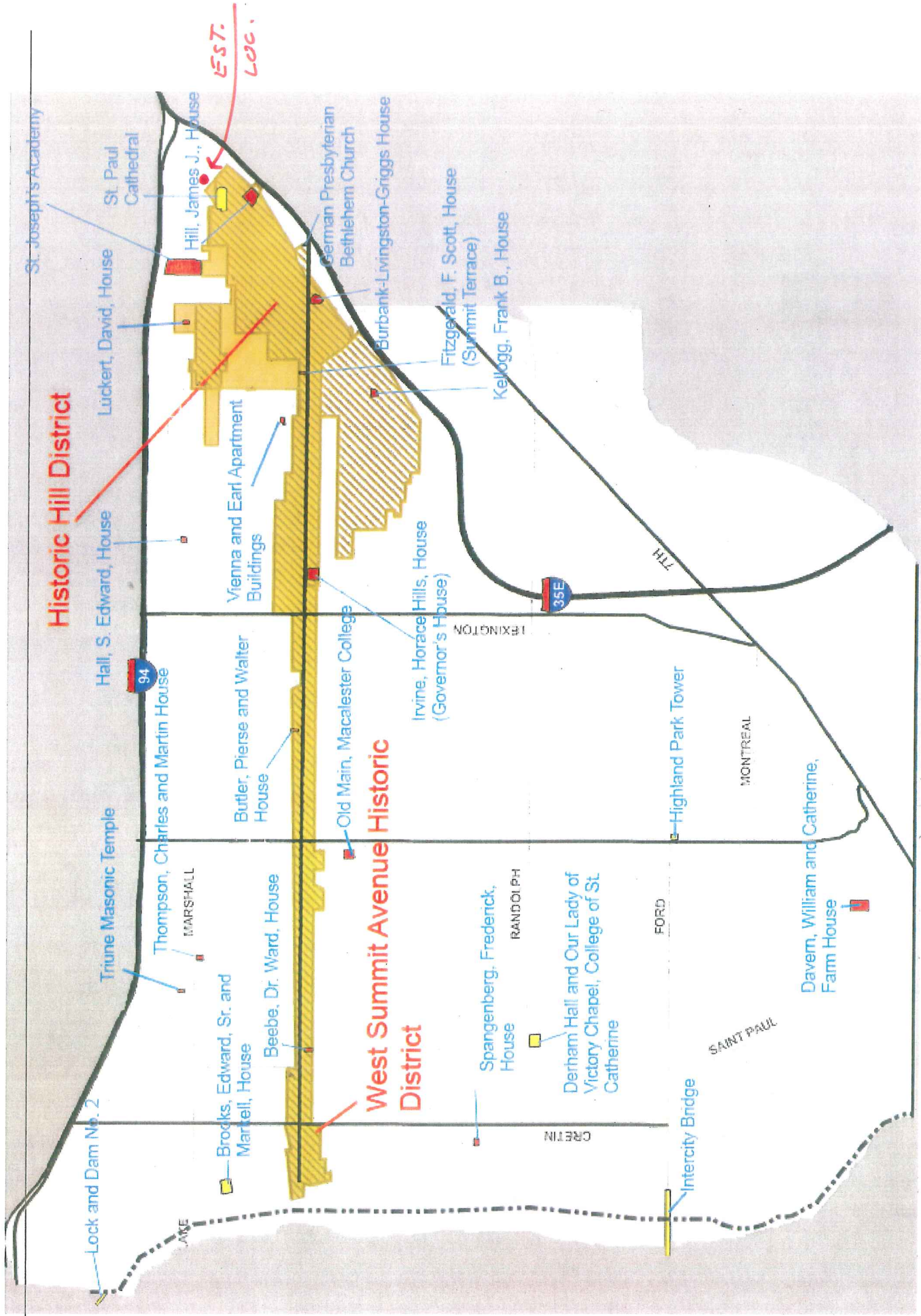
PARKING LOTS, RAMPS

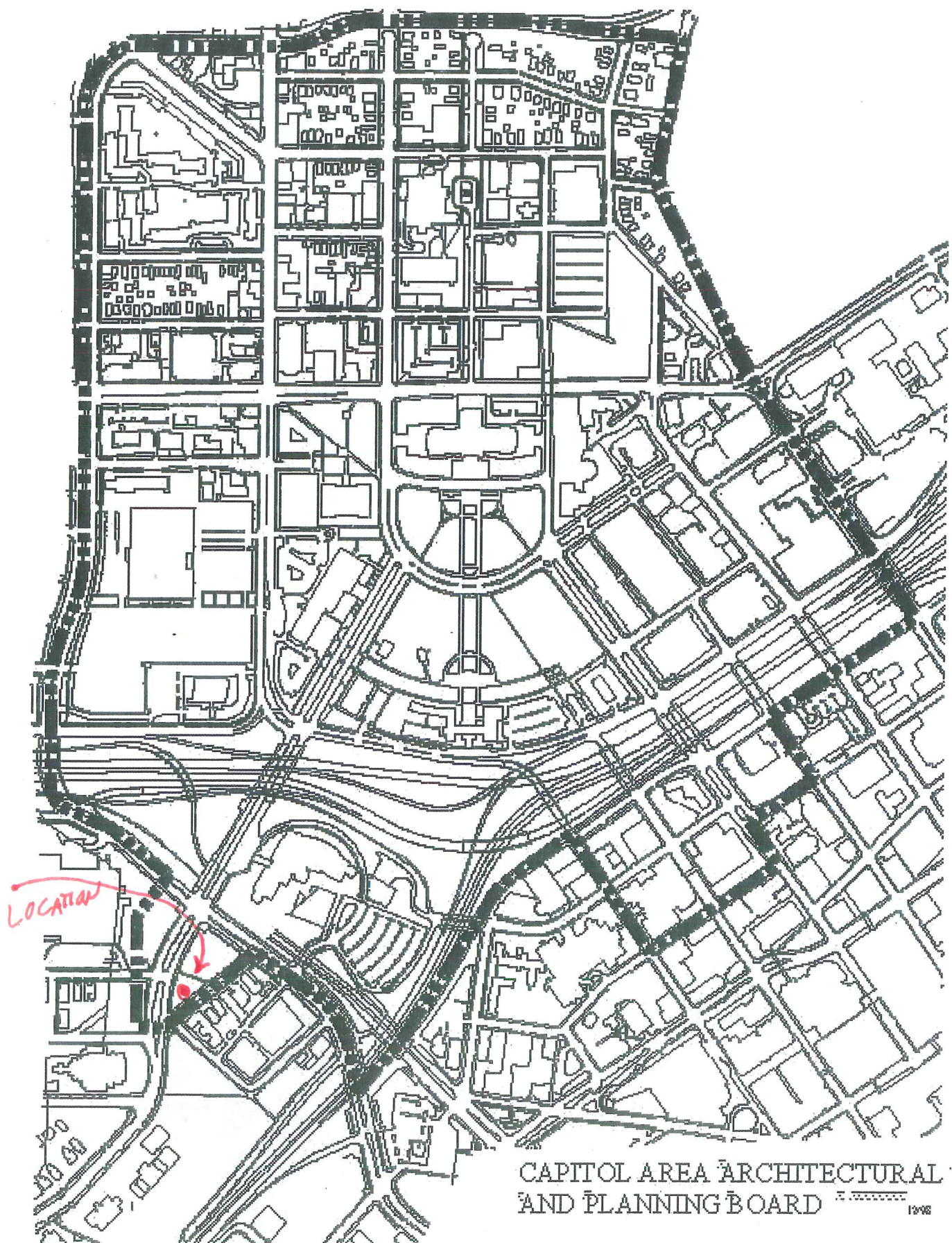
SKYWAYS

BUS STOPS

Location







CAPITOL AREA ARCHITECTURAL
AND PLANNING BOARD

1998

Compact floodlight

Housing: Luminaire constructed of a one piece die-cast aluminum housing. LED module paired with inner reverse-tapered casting to provide maximum heat transfer to outer housing.

Enclosure: Optical system consists of a reflector of pure anodized aluminum. The lens and optical assembly are secured by a die cast aluminum trim ring using (3) stainless steel captive fasteners.

Mounting: Provided with a 1/2" I.P.S. stainless steel nipple for direct attachment to cast boxes or other accessories.

Electrical: 30 W LED luminaire, 31 total system watts, -40° C start temperature. Integral 120V or 277 V electronic LED driver, 0-10V dimming. The LED module and driver are mounted on a removable inner assembly for easy replacement. Standard LED color temperature is 4000K with an 80 CRI. Available in 3000K (80 CRI); add suffix K3 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data in this catalog is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: These luminaires are available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

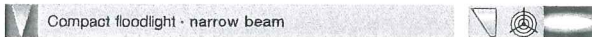
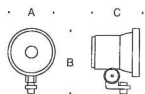
CSA certified to U.S. and Canadian standards for wet locations. Protection class IP65.

Weight: 5.0 lbs.

Luminaire Lumens: 1712

Tested in accordance with LM-79-08

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:

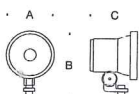


	Lamp	β	A	B	C			
7704 LED	30 W LED	26°	6 1/4	8 1/2	6 1/2	757	796	050
β = beam angle		180° glare shield	louver			flat beam		





Die cast aluminum with safety glass
 Reflector of pure anodized aluminum
 Very narrow beam floodlights include internal louvers to reduce stray light.
 Provided with a 1/2" I.P.S. stainless steel nipple for direct attachment to cast boxes or other accessories.
 LEDs include integral electronic drivers, 0 -10V dimming
 LED color temperature is 4000K (for 3000K add suffix K3).
 H.I.D. units include integral electronic ballast.
 Finish: Black (BLK), White (WHT), Silver (SLV), Bronze (BRZ)
 CSA certified to U.S. and Canadian standards.
 Protection class IP65



Compact floodlight · very narrow beam

	Lamps	β	Lumen	A	B	C				
7683 LED	13.0 W LED	8°	1030	5 1/2	8	5 1/2	756	-	-	-
7703 LED	26.0 W LED	9°	2000	6 1/4	8 1/2	6 1/2	757	-	-	-
7696	1 50 W T4 GY6.35, 12V	5°	935	5 1/2	8	5 1/2	756	056	057	058
7725 MH	1 39 W T4 GU6.5 MH	5°	3400	6 1/4	8 1/2	6 1/2	757	061	062	064
7803 MH	1 70 W T6 G12 MH	5°	6600	9	11 7/8	9	758	066	067	068
7809 MH*	1 150 W T6 G12 MH	8°	14000	9	11 7/8	9	758	-	-	-



Compact floodlight · narrow beam

	Lamps	β	Lumen	A	B	C					
7684 LED	19.6 W LED	28°	1720	5 1/2	8	5 1/2	756	760	-	-	055
7704 LED	30.0 W LED	26°	2500	6 1/4	8 1/2	6 1/2	757	796	-	-	060
7697	1 50 W T4 GY6.35, 12V	26°	935	5 1/2	8	5 1/2	756	785	056	057	058
7726 MH	1 39 W T4 GU6.5 MH	23°	3400	6 1/4	8 1/2	6 1/2	757	797	061	062	064
7804 MH	1 70 W T6 G12 MH	24°	6600	9	11 7/8	9	758	798	066	067	068
7810 MH*	1 150 W T6 G12 MH	28°	14000	9	11 7/8	9	758	798	-	-	065



Compact floodlight · wide beam

	Lamps	β	Lumen	A	B	C					
7685 LED	19.6 W LED	41°	1720	5 1/2	8	5 1/2	756	-	-	-	055
7705 LED	30.0 W LED	40°	2500	6 1/4	8 1/2	6 1/2	757	-	-	-	060
7698	1 50 W T4 GY6.35, 12V	55°	935	5 1/2	8	5 1/2	756	056	057	058	055
7727 MH	1 39 W T4 GU6.5 MH	48°	3400	6 1/4	8 1/2	6 1/2	757	061	062	064	060
7805 MH	1 70 W T6 G12 MH	45°	6600	9	11 7/8	9	758	066	067	068	065
7811 MH*	1 150 W T6 G12 MH	50°	14000	9	11 7/8	9	758	-	-	-	065



*Cannot be aimed more than 45° below horizontal



180° glare shield



louver



Colour effect filters

exchangeable lenses



flat beam

β = beam angle

Compact floodlight

Housing: Luminaire constructed of a one piece die-cast aluminum housing. LED module paired with inner reverse-tapered casting to provide maximum heat transfer to outer housing.

Enclosure: Luminaire's optical system consists of a reflector of pure anodized aluminum and clear safety glass with an integrated stray light control cylinder and a glass optic. The lens and optical assembly is secured by a die cast aluminum trim ring using (3) stainless steel captive fasteners.

Mounting: Provided with a 1/2" I.P.S. stainless steel nipple for direct attachment to cast boxes or other accessories.

Electrical: 26W LED luminaire, 27.8 total system watts, -40°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. The LED module and driver are mounted on a removable inner assembly for easy replacement. Standard LED color temperature is 4000K with an 80 CRI. Available in 3000K (80 CRI); add suffix K3 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data in this catalog is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: These luminaires are available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

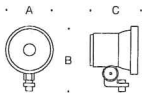
CSA certified to U.S. and Canadian standards for wet locations. Protection class IP65.

Weight: 5.0 lbs.

Luminaire Lumens: 1238

Tested in accordance with LM-79-08

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:



Compact floodlight · very narrow beam

Lamp	β	A	B	C	
7703 LED	26W LED	9°	6 1/4	8 1/2	6 1/2

β = Beam angle 180° glare shield

