

Sign Variance

Folder Number Date (yyyy-mm-dd)

Fax Number

Project Info	rmation				
Street Number	Street Name		Lot Number	Plan Number	
9	Hanna Ave.		11 (Block A)	Plan D - 1974	
	ariance(s) being a ationale w/ variand				
If it is an applic following:	ation for a varianc	e required for the modifie	cation or restoration of an ex	isting sign, please provide the	
Existing Sign D	imensions	Location			
N/A		N/A			
Please provide as required):	the reasons/justifi	cation for the request (A	ttach any supporting docume	entation or additional pages	
N/A					
Property Ov	vner Informatio	on	D		
First Name			Last Name		
David			Moscovitz		
Carl and a second	e (if applicable) Properties Limite	d		Telephone Number	
Street Number \$	Street Name Dundas St E		Suite/Unit Number	Mobile Number	

Attachment Required

City/Town

Toronto Email

- Sign Variance Data Sheet
- Copies of any supporting documents

Province

ON

· All necessary plans and specifications required to verify the nature of the Sign By-law Variance(s) requested

Postal Code

M4M 1S3

Continue on next page



OUTFRONT Media (416) 255-1393 Street Number of 377 Street Name Horner Ave. Suite/Unit Number Mobile Number City/Town Toronto Province ON Postal Code M8W 1Z6 Fax Number (416) 255-2063 Email Lee.Beekman@outfront.com On M8W 1Z6 Fax Number (416) 255-2063 Email Lee.Beekman@outfront.com Do hereby declare the following: Image: Comparison of the property Owner as stated above In the owner's authorized agent. Image: Comparison of the owner's authorized agent. Image: Comparison of the property Owner's authorized agent. In an officer/employee of					d Declarat	formation and	Applicant Inf	
Company Name Telephone Nur OUTFRONT Media (416) 255-1392 Street Number Street Name of 377 Horner Ave. City/Town Province Toronto ON Email Lee.Beekman@outfront.com Do hereby declare the following: • • That I am the Property Owner as stated above □ an officer/employee of □ an officer/employee of OUTFRONT Media • That statements contained in this application are true and made with full knowledge of all relevant the circumstances connected with this application. • That the plans and specifications submitted are prepared for the sign variance(s) described and a compliance with copyright law			Name	Last				
OUTFRONT Media (416) 255-1393 Street Number of 377 Street Name Horner Ave. Suite/Unit Number Mobile Number City/Town Toronto Province ON Postal Code M8W 1Z6 Fax Number (416) 255-2063 Email Lee.Beekman@outfront.com On M8W 1Z6 Fax Number (416) 255-2063 Do hereby declare the following: • • That I am I the Property Owner as stated above □ the owner's authorized agent. • • • which is an authorized agent of the earn officer/employee of, which is the Property Owner's aut • That statements contained in this application are true and made with full knowledge of all relevant the circumstances connected with this application. • That the plans and specifications submitted are prepared for the sign variance(s) described and a compliance with copyright law		Erskine					, Michele	
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compliance with copyright law	ant matters and of	e of all relevant r	de with full knowledg					
• That the information included in this application and in the documents filed with this application is	d are submitted in	escribed and are	he sign variance(s) c	e prepared for t				
	• That the information included in this application and in the documents filed with this application is correct.							
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Michele Erskine 2024 04 19)	24 04 19	20	le Erskine	الله Mi	Wir	VKN	
Signature Print Name (First, Last) Date (yyyy-mm-dd)	i)	yyyy-mm-dd)	Date	ə (First, Last)	Print		Signature	

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Toronto Building collects personal information on this form under the legal authority of the City of Toronto Act, S.O. 2006, Chapter 11, Schedule A, 136(c) and the City of Toronto Municipal Code, Chapter 694, Signs, General and Chapter 771, Taxation, Third Party Sign Tax. The information will be used for processing applications and creating aggregate statistical reports, for enforcement of the City of Toronto Municipal Code Chapter 694, Signs, General, Chapter 771, Taxation, Third Party Sign Tax, and any other applicable sign by-law of the City of Toronto, and for contacting permit holder(s) or authorized agent(s). Questions about this collection can be directed to the Manager, Sign By-law Unit, Toronto Building, 100 Queen Street West, Ground Floor, East Tower, Toronto, Ontario, M5H 2N2 or by telephone at 416-392-4235.



Folder number

er Request Date (yyyy-mm-dd)

This data sheet forms part of an application for a Variance From Chapter 694 of the Toronto Municipal Code, Signs

Projec	Project Information					
Street N	lumber Street Name	Lot Number	Plan Number			
9	Hanna Ave.	11 (Block A)	Plan D - 1974			

Lot Frontage	Lot Depth
2.9M	2.9M
Date of Construction of Build	ing(s) if known (yyyy-mm-dd)
Number of Storeys	Building(s) Gross Floor Area
	2.9M Date of Construction of Build

Site Context

Please describe the land uses, buildings and sign districts surrounding the proposal (use additional pages if necessary)

North Commercial District; Liberty Market Building(s); Gardiner Special Sign District

South Vacant Utility & Open Space; Metrolinx Corridor; Gardiner Special Sign District

East Residential District; King West Condos; Gardiner Special Sign District

West Commercial & Open Space; Liberty Market Lofts; Gardiner Special Sign District

Proposal

Please describe in detail what is being proposed (use additional pages if necessary)

Whereas due to the Metrolinx expansion, the outdoor advertising industry has lost 11 Third Party Sign faces within 200M of the subject site over the past year, the Applicant proposes to mitgate this loss with the following request. Applicant proposes & respectfully requests approval for the construction of an additional new Third Party digital sign with electronic static copy on the eastern portion of the site. Applicant requests sign face dimensions of 28'h x 56'w and an overall height of 25M.

Continue on next page

14-0043 2016-12

Data Sheet Sign Variance

Rationale

Decisions for all Sign Variance Applications are evaluated against criteria listed in Toronto Municipal Code Chapter 694-30 A. A Variance may be granted where it is demonstrated that the proposed sign(s):

- · Belong to a sign class permitted in the sign district where the premises is located
- In the case of a third party sign, be of a sign type that is permitted in the sign district, where the premises is located
- · Be compatible with the development of the premises and surrounding area
- · Support the Official Plan objectives for the subject premises and surrounding area
- Not adversely affect adjacent premises
- · Not adversely affect public safety, including traffic and pedestrian safety
- Not be a sign prohibited by Toronto Municipal Code Chapter 694-15B
- Not alter the character of the premises or surrounding area
- · Not be, in the opinion of the decision maker, contrary to the public interest

Please describe in detail how the proposal satisfies each of the criteria listed above (use additional pages if necessary) See enclosed/attached rationale.

Sign Data Sheet

Folder No.

Sign Information

Sian		Method of Copy	Sigi	n Face Dimen (maximum)	sions	Sign Depth	Sign	Illumination	Professional Design
Sign No.*	Sign Type	Method of Copy Display	Length (metres)	Width (metres)	Area (m²)	Depth (metres)	Sign Height (metres)	(Yes/No)	Design Required (Yes/No)
	Ground Sign	Electronic Static Copy	8.53	17.07	145.61	1.83	25.00	Yes	Yes

* Please ensure that the sign numbers listed in this sheet are indicated on all sign plans

August 4, 2023

Mr. Greg Crompton City of Toronto Sign By-Law Unit 100 Queen Street West, Floor 1E Toronto, ON M5H 2N2

Re: Sign By-Law Variance, 9 Hanna Ave, Toronto, ON

Mr. Crompton,

OUTFRONT Media Canada L.P. (the Applicant) is applying for a Sign By-Law Variance(s) to the City's Sign By Law for the installation of a third-party electronic ground sign at 9 Hanna Ave. (the Subject Premise) located in Ward 10 (Spadina-Fort York).

The out-of-home advertising industry has lost approximately 15 advertising faces in the Gardiner Special Sign District (GG-SSD) due to Metrolinx expansion (see diagram below). This sign face reduction makes the approval of this request de minimus in regard to the total number of sign faces within the GG-SSD.

OUTFRONT/

Toronto



OUTFRONT Media's proposed sign on the Subject Premise is a third-party electronic ground sign, containing a single rectangular shaped sign face measuring 8.53 meters vertically and 17.07 meters horizontally. The sign face will face southwest and will be orientated facing southwesterly to the F.G.

Gardiner Expressway to be viewed by vehicular traffic travelling eastbound. The proposed sign will have an overall height of 25 meters. It is to be located along the southeasterly frontage of the premises.

Proposed Requested Sign Variances

- 1) Sign Face Area in excess of 50.0 sqm (145.61 sqm proposed) [694-26I(4)(a)]
- 2) Sign Height in excess of 15.0 m (25m proposed) [694-26I(4)(b)]
- 3) New Third-Party Sign [694-26I(4)(d)]
- 4) Additional Third-Party Sign [By-Law No. 214-2016 Schedule 1 (BB)(1)(k)]

Proposed Conditions of Approval

1) Applicant shall install Siteline[™] or similar light shielding technology on the proposed sign.

Rationale For Granting Applicant's Sign By Law Variances

The proposed sign belongs to a sign class encouraged in the Gardiner Special Sign District ("GG-SSD") and supported by the Official Plan and Garrison Common North Secondary Plan where the premises is located:

The Subject Premises, 9 Hanna Ave., is located within the GG-SSD which allows for third-party electronic ground signs. The Premises is designated as an Institutional Sign District, which is a zoning designation that requires third party signs receive approval via a Sign By Law Amendment or Sign Variance.

In addition to the GG-SSD, the Applicant's application is further supported by the Policies and Objectives put forth in the City's Official Plan & Garrison Common North Secondary Plan whereby media & informational uses are permitted and emerging technologies are encouraged to protect and further business & economic activity within the Plan's identified boundaries.

The proposed sign is compatible with the development of the premises and surrounding area:

The Gardiner Special Sign District ("GG-SSD") was implemented to allow for iconic & unique third-party signs, both digital & static in nature. Signs within the GG-SSD range in size up to 160 square meters. These varying & unique signs establish the character of the GG-SSD and the surrounding area. The proposed sign, with an electronic sign face area of 145.61 square meters, is within the range of previously approved third-party electronic signs in the area and consistent with the intent of the GG-SSD. The Subject Premise's current improvements are a multi-story building, its associated parking improvements and an existing single face third-party electronic sign face with a sign face area of 145.61 square meters and overall height of 25 meters. The proposed sign shall have the same sign face area and height as the existing single face third party electronic ground sign.

To the north of the Subject Premise are commercial uses. To the east is a high-rise residential building with mixed uses. The proposed static digital sign does not face or project toward the east, instead it projects in a southwesterly fashion, serving traffic along the Gardiner Expressway only. To the south of

the Subject Premise is utility and open space, comprised wholly of Metrolinx rail corridor. To the west of the Subject Premises is commercial and open space districts with high-rise residential and mixed uses. The proposed sign is approximately 200M from the residential uses to the west and the sign's face is oriented so not to emit light shed toward this property.

The Subject Premise's Land Use designation under the Official Plan is 'Core Employment'. The Plan's Core Employment policies allow for & encourage business and economic activity. Specifically, Policy 1. outlines uses allowed with the Core Employment zone including media, information & technology uses as proposed by the Applicant. Thus, the Applicant's request is further supported by the Official Plan's objectives and policies for the development of and surrounding the premise.

The proposed sign will not adversely affect adjacent properties:

The Applicant has taken steps with the sign's easterly placement and sign face positioning to ensure that the proposed static digital sign face does not negatively impact adjacent areas, which is in part illustrated by way of the Light Shed Diagram contained on page 7. Further, the Open Space district to the south (see zoning/use map below) is primarily rail corridor and surface level parking and does not contain any sustainable or sensitive flora or fauna.

In response to community feedback, the Applicant is proposing to take additional, extraordinary steps to ensure the proposed sign will not adversely affect the adjacent properties. As a self-imposed condition of the Applicant's requested sign being approved by the Committee, the Applicant shall install Siteline[™] or similar light mitigation technology (information enclosed with transmittal) on the proposed sign. This technology eliminates or diminishes the possibility for light intrusion affecting adjacent properties.

This self-imposed Condition aligns with the Official Plan Garrision Common North Secondary Plan's Major Objectives (Sec 2.1e) to "be sensitive to and protect industrial, communications and media operations, solidifying the area as one of the leading locations for new industry technologies."

Additionally, the Applicant is committed to operating the proposed sign at a reduced brightness level the Applicant finds acceptable to its advertisers, taking into consideration the ambient light levels of the premise. The Applicant believes it can reduce the brightness by 1/3 and still maintain a commercially viable 3rd party sign.

Area Zoning/Use Map:



The proposed sign will not adversely affect public safety:

Per the designated location of the static electronic sign identified on the enclosed site plan, the sign shall not interfere or obstruct the visibility of vehicular traffic along the Gardiner Expressway. The location is not near a controlled intersection and the proposed sign does not obstruct a sight triangle for vehicular traffic. The proposed sign location will not adversely affect any parking on the Premises or surrounding areas.

Additionally, there are no impacts to pedestrian safety and upon approval of this request a subsequent building permit shall be required. This permit shall require a professional engineer's approval and shall satisfy all Ontario Building Code regulations.

The proposed sign will have a positive effect on public safety:

Per the terms and conditions of the Applicant's sublease agreement, the Subject Premise's existing tenant, the Toronto Police Department, will be afforded the opportunity to advertise public service messaging at minimum of 10% of the static digital sign face's operating run time. This allows for critical, community messaging to a large number of Torontonians.

Additionally, studies are beginning to show that increases in acceptable ambient light levels lead to reductions of criminal incidents and increased confidence from the public.

The proposed sign is of a sign class type that is not prohibited in the GG-SSD:

The proposed static digital third-party sign is not prohibited by the Sign By Law.

The proposed sign does not alter the character of the premises or surrounding area:

The property at 9 Hanna Ave. is within the Gardiner Special Sign District, which permits the installation of third-party ground signs with electronic copy. The sign face area of the proposed does exceed that permitted under the City Sign Bylaw; however, the proposed sign size is not out of character for the GG-SSD. There are several other third party static electronic ground signs within the GG-SSD (see following pictures) all operating with sign face areas measuring in similar sizes and heights or greater to what the Applicant is proposing in our request.

As previously mentioned and illustrated by the diagram below, the elimination of 15 Third Party sign faces within the GG-SSD has greatly reduced any perceived visual clutter associated with the GG-SSD. Additionally, the Applicant believes the requested variance of an additional Third-Party Sign [By-Law No. 214-2016 – Schedule 1 (BB)(1)(k)] is reasonable and minor in nature given the size and geometry of the subject Premise. The Premise is unique within the GG-SSD in that most properties within the GG-SSD are not large or wide enough to allow for two signs to meet the 100M By Law spacing. The site is approximately 200M wide, measured linearly along the south property line. This allows for the Applicant to provide 100M between the Premise's existing sign and proposed sign, thereby reducing the perception of visual clutter.

Lastly, the surrounding area has many high-rise and multi-storey buildings sizably greater than the proposed Sign's 25M height. Thus, the Applicant believes the proposed sign is compatible with the development of the premises and the surrounding area and will not alter the character of the premises or surrounding area.



Pictures Of Existing Electronic Signs Within the GG-SSD:

SEE FOLLOWING PAGE





Mock-up of Applicant's Proposed Third-Party Electronic Ground Sign :



Additional Considerations:

The third-party advertisements published on the proposed Sign will abide by the Canadian Code of Advertising Standards ((https://adstandards.ca/code/the-code-online/). This will help to ensure that all messaging is appropriate and that the general public is not exposed to any offensive, explicit, or indecent forms of advertising.

Furthermore, the electricity required to operate the proposed sign shall be provided by and in conjunction with a distributor recognized and licensed by the Ontario Energy Boards and shall be governed by an agreement to purchase renewable energy (Distributor: Bullfrog Power). A copy of said renewable energy agreement for the proposed site is enclosed with OUTFRONT Media's application.

Regarding illumination, the proposed sign will only be operated between the hours of 7am and 11pm. The illumination of the proposed face shall not exceed illumination levels of 300 nits during the period between sunrise and sunset. In addition, the sign faces themselves are also monitored by camera 24 hours per day to ensure that in the case of display malfunction, any problems are recognized and repaired in short order.

In summary, this Sign By-Law Variance request, is for a single face electronic sign within the Gardiner Special Sign District. The signs overall height (25M) and sign face area (146.61 SQ M) are comparable to previously approved third-party signs within the Gardiner Special Sign District. To that end, The Applicant has taken the necessary steps to orient the sign southwesterly toward the Gardiner Expressway, set the sign back from neighboring properties and incorporating light shielding technology on the proposed Sign such that the any light emitted will not intrude on neighboring properties (see light shed diagrams below).

The Red Polygon Represents How The Horizontal Dispersion Of Light Is Emitted From One Of Digital Sign Displays. The Dispersion Of Light Is "Directional". It Is Not Emitted Equally In A Perfect Radial Circle Around The Board.



Nichia NSPX336 FOV 90 degree horizontal 45 degree vertical diodes with narrow light broadcast dispersion.

Horizontal dispersion mapped in red

Vertical dispersion mapped in blue



Light shed diagram depicting extent & reach of digital sign light emittance:

Thank you for taking the time to review our application for this Sign By-Law Variance Request to the City's Sign By-Law Unit for the approval, installation & operation of a third-party electronic ground sign at 9 Hanna Avenue. We would like to reiterate that the proposed sign is appropriate for the Gardiner Special Sign District, is not contrary to the Official Plan and is supported by the polices & objectives set forth in the Garrison Common North Secondary Plan. The few variances requested from the City's Sign By-Law are minor & reasonable in nature and would have no adverse effect on the public. Considering the Applicant's commitment to Toronto Police community messaging, the proposed sign will realize a positive the effect on the public while conforming with the intent and spirit of the Gardiner Special Sign District, the Official Plan & the Garrison Common North Secondary Plan.

Respectfully,

LABL

Lee A. Beekman Real Estate Manager, Eastern Region Email: <u>Lee.Beekman@OUTFRONT.com</u> Phone: 416-521-6412



STRUCTURAL NOTES:

GENERAL

- 1. The contractor must verify all dimensions and site conditions in writing to the Engineer, prior to commencing construction, Any errors or omission's must be reported to the Engineer immediately. Work may not proceed until instructions are received from the Engineer,
- 2. These drawings can only be used on the project for which they were prepared.
- 3. All work is to be carried out in strict conformance with the requirements of the Ontario. Building Code (Ontario regulation 350/06 Incl. all amendments); ; and also in accordance with all applicable Municipal, Provincial and Federal Regulations (confirmation by others).
- 4. Any apparent discrepancies between construction documents or manufacturer's specifications and applicable codes must be reported to the Engineer immediately. Work may not proceed until instructions are received from the Engineer.
- 5. A Building Permit is to be obtained prior to performing any fabrication and construction.
- 6. Do not scale the drawings.

NOTIFICATIONS

- In order to verify design assumptions, the Contractor is to notify the Engineer (S.P.Hart P, Eng. c; 416-209-8098; e; s.p.hart@hpmg.ca) in writing 48 hours prior to commencing; (a) any demolition;

 - (b) excavation of any footings;
 (c) pouring of any concrete, including but not limited to pouring footings, calssons etc;
 - (d) erection of any structural steel;
 (e) installation of any LED boxes;
- (f) on completion;

EXAMINATION OF SITE AND DRAWINGS

- 1. Before beginning construction establish all property lines, gridlines and levels; compare line property lines and actual original elevations with those shown in the plans
- 2. All requirements for mechanical equipment or service lines and architectural features incorporated in/or affecting the structure shall be established in consultation with the structural angineer and must correspond to manufacturer's or designer's requirements before proceeding with the work.

CONSTRUCTION PROCEDURES AND SAFETY

- The structure or any structural member shall be adequately braced and supported erection to ensure proper alignment and safety. Such bracing or supports shall be maintained until there are adequate permanent connections.
- Any bracing members shown on the structural drawing are those required for the finished structure only and shall not be assumed as adequate for construction purposes.
- Protect adjacent existing buildings and trees from damage while construction work is in progress. All work is to strictly conform to the Occupational Health and Safety Act.
- 4. The Contractor is to verify all utility locations prior to installing foundations.
- 5. The Contractor is 100% responsible for maintaining safety onsite during construction per Ministry of Labour, Ontario.
- Municipal By-Law compliance, other municipal, provincial and federal laws outside the Ontario Building Code is by others than S.P. Hart & Associates Ltd. and Sean Hart, P. Eng.
- 7. All work is to be in conformance with OutFront Media's Safety Policies and Procedures as applicable

LOADS :

1. Design wind pressure is based on NBC supplement.
Fn = Cf x q x Cg x Ce x h x 1 = 1.15 x 0.53 x 2.5 x 1.04 x 4.27 x 14.63
= 99.0 kN (unfactored)

2. Deed Loads - LED Panels: 0.8 kN/m2 (15 psl)

STRUCTURAL STEEL:

- All structural steel rolled sections and plates shall be M300W steel and compy with the requirements of CSA Specification CAN3-G40.20 / G40.21 (U.N.O)
- Structural hollow steel sections and W shape sections shall be M350W steel comply with the requirements of CSA specification G40.20 / G40.21
- All structural bolts, nuts and washers used in connections, shall be high strength to ASTM standard A325 and shall be torqued in accordance with table 12 of CSA specification S16.
- 4. All welding shall comply with the requirements of CSA specification W59 "welded steel construction (metal arc welding)*. Use E70xx (E49xx) electrodes. All welding to be performed by a certified CWB welder.
- 5. Where members are welded together the welds shall develop the full capacity of the members in bending and shear.
- Anchor Bolts, and bolts through masonry shall comply with the requirements of ASTM standard A307 50W. Nuts, bolts, rods and washers are to be galvanized for above ground applications.
- All structural connections to be ³4th DIA A325 Bolts (U.N.O) and all digital board connections to be ⁵8th DIA A325 Bolts (U.N.O)
- 8. All open ends of hollow structural sections (HSS's) are to be closed and sealed with welded plates of the same thickness. All hollow structural sections, columns, etc that are closed at the ends are to have minimum (2) 1/4* dia weep holes at the underside or top and bottom.
- All structural bolts, nuts and washers used in connections shall be high strength to ASTM standards and shall be pre-tensioned in accordance with Table 7 of CSA specification S16. as follows:

	M	kN 8	(KIPS		
Bolt Diameter	A	325	A	490	Hole Size
1248-1781-1784 748-1784 748-1784 1111-111	85 125 174 227 249 316 378	(11.93) (19.13) (28.13) (39.15) (51.08) (56.02) (71.10) (85.05) 103.05)	538	(15.07) (24.07) (35.32) (49.05) (64.12) (80.10) (102.15) (121.05) (148.05)	5月47日 5月47日 1月11日 1111 1111 1111 1111 1111 1111 1111 1111

- 10. All contact surfaces of bolled parts are to have mill scale thoroughly cleaned or else blast clean with a Class "A" coating applied as per CAN/CSA - S16.1
- 11. All structural steel sections, plates and hollow steel sections (HSS's) are to be Hot-Dipped galvanized in accordance with ASTM standard A123/A123M - 13 - Standard Specification and CAN/CSA G164 - M92 (R2002) for Zinc (Hot-Dipped Galvanized) coatings on iron and steel products.

0	ISSUED FOR	BUILDING PERMI	12/13/2022			
REV	DESCRIPTIO				DATE	
		377 HORNER	R AVE, TO 28'X56' LED	DRONTO, ON TE ADVERTISING DISPLAY S	EL: 416 255 1392	FAX: 416 255 8279
		LOCATION		AVENUE, TORONTO	ON, MEK 1Y9	
STAMP MUST BE DIGITALLY SIGNED AND THIRD PARTY VERIFIABLE TO BE VALID		DRAWN BY	S.K	DATE DRAWN	JOB No.	DRG No.
		CHECKED BY	SH	13.12.2022	TBA	S1 OF S13

CONCRETE

1. Existing reinforced concrete footing with anchor rods details shall be refer to drawing # 3900 - 2 (26 Sep 2000)







4		(3)	(4) (37'-0"	5) (8) 	0 0			0) 19'-0"	(1) (1)
					CAL	GED			
					(1'-0" 3'-0"
8:-10 ¹ / ₁₆ " 1:-10 ¹ / ₂ 3:8 ¹ / ₂	 		0	56'-0"					H (
4946 111012 11						PLA'	TFORM L4X3X14 (LLV)		
) 1 21	4'-0"	1		+			DAG:	in in	
ļ			5@6-0"=30-0"	56'-0" <u>+60'-6" - PLATFORM (</u> SCALE ¹ /4"=1'-0"	LOWER MIDDLE)	3'-0*	6'-0"	6-0*	4-0*
	***			and the second sec	· · ·	1 1	6'-0"	6-0*	4-0*
	**0			and the second sec	(LOWER MIDDLE)	BUILDING PERMIT		6-0*	4-0" 12/13/2022 DATE



















Nichia NSPX336 FOV 90 degree horizontal 45 degree vertical diodes with narrow light broadcast dispersion.

Horizontal dispersion mapped in red

Vertical dispersion mapped in blue



Nichia NSPX336 FOV 90 degree horizontal 45 degree vertical diodes with narrow light broadcast dispersion.

Horizontal dispersion mapped in red

Vertical dispersion mapped in blue

28 x 56 Horizontal Dispersion (Plan View)

0 ft.

30 ft.

50 ft.



28 x 56 Horizontal Dispersion (Plan View)

Narrow Beam Technology V2

100 ft.

0 ft

30 ft.

50 ft.



Per OAAA Lighting Guidelines, a 14 x 48 digital display will not increase the ambient lighting by more than 0.3 foot candles at 250 feet.

In order to increase the ambient light the full .3fc, the display would need to emit a full white frame (copy) at night time brightness settings.

The LEDs are most intense directly perpendicular to their mounted position

The RED boundary shows the distance that the .3fc measurement would be obtained with full white copy.

Distance to residence based on co AKA Light Tresspass	mmon. light annoy	ance codes.
nur Light Hospitss		
Display Height in ft	28	feet
Display Width in ft	56	feet
Display brightness nit	300	nit
Total Square Meters	145.672	sq meters
Total candela output	43701.6	cd
foot-candle threshold	0.3	foot candles
Distance to Residential	381.67	feet

NOTE: With a custom size of 28' tall and 56' wide the perpendicular threshold distance of 0.3 foot-candles will increase to 381.7'

Off angle lighting will reduce proportionally to the respective dispersion pattern.

.3fc limit drops to 217 feet 20 degrees from perpendicular

.3fc limit drops to 143 feet 40 degrees from perpendicular

.3fc limit drops to 56 feet 60 degrees from perpendicular

Remaining off angle brightness drops rapidly to near zero light emmission











Ontario 🕅

"SITELINE light mitigation worked exactly as Media Resources said it would... The municipality where these units are located is very satisfied."

SITELINETM

Light Trespass Mitigation

SITELINE™ technology blocks undesired light trespass to neighbouring communities

A harmless coffee break can

do more harm than you think.

w the COVID-19 public

SITELINE displays solve the problem of light trespass and ensure that you can advertise your message no matter where you are, with our clever engineered vertical louvres. Optically angled LEDs are able to direct light to the viewing area while blocking it at predetermined angles. This creates a viewing area, a transitional area, and a light protected area.

Ideal Locations Include:

Sensitive adjacent residential zones Bordering airports Rail corridors with visibility requirements





mediaresources.com/siteline

ортотесн

New generation of Side Block

PRODUCT FEATURES

- Lower light pollution
- Vertical Angle 88°
 Horizontal Angle 70°
 @ L35°/R35°, Brightness < 30%
- Low Power consumption < 190w/m²
- Added front service matrix
- Horizontal viewing angle without color Shift



APPLICATION

- Near buildings
- Place that need to reduce of light pollution

PRODUCT SPECIFICATIONS

Louver Type	9	Normal	Side Block Gen1	Side Block Gen2
Length of Shield		13.3mm	13.3mm	13.3mm
	R	90°(上 53/下 37)	90°(上 53/下 37)	71°(上 31/下 40)
Vertical	G	85°(上 29/下 56)	85°(上 29/下 56)	65°(上21/下44)
	В	92°(上 44/下 48)	92°(上 44/下 48)	75°(上31/下44)
	R	L90°/R90°	L25°/R45°	@L35°/R35°, Brightness<30%
Horizontal	G	L90°/R90°	L25°/R45°	@L40°/R40°, Brightness<10%
	В	L90°/R90°	L25°/R45°	@L45°/R45°, Brightness<5%

OPTOTECH CORPORATION NO. 1, LI-HSIN RD. V, HSINCHU SCIENCE PARK, HSINCHU 30078, TAIWAN. R.O.C.

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Let your ideas shine



160 John St., Suite 500 Toronto, Ontario, M5V 2E5 Tel: 1-877-360-3464 Fax: 1-866-917-7318 E-mail: info@bullfrogpower.com

*bullfrogpowered*TM Commercial Agreement – Multiple Location

The Purchaser is: Outfront Media Canada L.P.

Contact Name: Lee A. Beekman Phone: 416-521-6412 Fax: Email: lee.beekman@outfront.com

This Agreement begins:

01/02/2009 dd/mm/yyyy

The Premises being bullfrogpoweredTM are set out in Schedule A:

Purchaser and Bullfrog Power ("Bullfrog") agree as follows:

- 1. Green Electricity. Bullfrog will cause wind and/or low-impact hydro power generators who are EcoLogo^M certified, or meet a similar standard or program, as Bullfrog may approve, to generate and inject an amount of green electricity equal to my Green Electricity Agreed Annual Usage. On Purchaser's behalf, Bullfrog will retire or cause to be retired all environmental and emissions credits and attributes which Bullfrog receives or over which Bullfrog has control which are associated with such Green Electricity ("Green Electricity Certificates" or "GECs"). The GECs will only be retired and will not be sold or transferred by Bullfrog to any party, so that they may not be used to permit or offset any pollution or emissions. Bullfrog warrants that these GECs represent the general environmental benefits resulting from the generation of renewable low-impact electricity including, depending on the jurisdiction, the displacement of non-renewable fuels, the reduction of air emissions, the reduction of greenhouse gases, the reduction of solid and nuclear wastes and the reduction of impacts on aquatic, riparian and terrestrial ecosystems. Bullfrog will make available calendar-year based statements verifying GEC retirement prepared by a nationally recognized auditing firm.
- 2. *Green Electricity Agreed Annual Usage*. Purchaser agrees to provide sufficient information to Bullfrog about the electricity usage at the Premises so Bullfrog and Purchaser can set Green Electricity Agreed Annual Usage. Purchaser represents that the Green Electricity Agreed Annual Usage is a reasonable estimate of the number of megawatt-hours (MWh) consumed at the Premises in an average year, and shall be the amount estimated in Schedule A attached hereto until updated.
- 3. *Green Electricity Certificate Price.* On a monthly basis, Bullfrog will charge Purchaser for a quantity of GECs equal to the Agreed Monthly Usage. The price for GECs is \$25.00 per megawatthour plus applicable taxes. Bullfrog may change the price after the Initial Term on 90 days prior notice to Purchaser, provided that Purchaser has the right to terminate the agreement after the Initial Term at any time pursuant to paragraph 8 below. Purchaser understands that the price is for the GECs, and is in addition to the cost of conventional electricity provided by Purchaser's electricity provider or electricity retailer.

- 4. Invoicing and Payment. Purchaser agrees to pay Bullfrog within 30 days of invoice. Purchaser agrees that Bullfrog may provide invoices in electronic form by email. All e-mail communications to Purchaser shall be addressed to the e-mail address provided in this agreement, or to such other e-mail address that Purchaser may notify Bullfrog of in writing. Purchaser may also choose to receive paper invoices instead of electronic invoices by notifying Bullfrog in writing.
- 5. Term. This agreement can be terminated after the Initial Term at any time upon written notice without penalty by either Purchaser or Bullfrog. Bullfrog may terminate this agreement immediately and at any time if Purchaser breaches any of its obligations under this agreement, including failing to correct an improper usage (in Bullfrog's sole opinion) of the bullfrogpoweredTM or Bullfrog Power identifiers. This Agreement shall continue after the Initial Term on a month-to-month basis until either the Purchaser or Bullfrog provides written notice to the other party of its intention to terminate. Upon termination of this agreement, Purchaser shall cease to use any marks or identifiers associated with Bullfrog, or to continue with any marketing or environmental claims enabled by this agreement.
- 6. *Marketing*. Both parties may publicly identify the Premises as *bullfrogpowered*[®], and Purchaser as a Bullfrog customer. Purchaser is granted the non-exclusive license to use the Bullfrog name, logo, and identifiers (collectively, the "Bullfrog IP") pursuant to the terms and conditions of this agreement. Purchaser may participate in Bullfrog's marketing programs as currently offered and commensurate with the quantity of GECs purchased. Purchaser may make additional public claims provided that Bullfrog provides consent to such claims, such consent not to be unreasonably withheld or delayed. Usage of Bullfrog identifiers must be consistent with the Bullfrog Power Brand Usage Guide. Purchaser acknowledges that Bullfrog is the owner of all rights in the Bullfrog identifiers, and, except as otherwise expressly permitted by this agreement, Purchaser shall not at any time do or suffer to be done any act or thing that will in any way impair the rights of Bullfrog in and to the Bullfrog identifiers. Nothing in this agreement grants, nor shall Purchaser acquire hereby, any right, title, or interest in or to the Bullfrog identifiers, other than those rights expressly granted hereunder. The Purchaser shall promptly notify Bullfrog upon becoming aware of any infringement or dilution of the Bullfrog identifiers and shall cooperate fully with Bullfrog to stop such infringement or dilution. Upon the occurrence of an event, fact, or circumstance which, in Bullfrog's sole discretion, may cause damage to Bullfrog's goodwill or intellectual property, Bullfrog may immediately revoke the foregoing non-exclusive license(s) and, upon such revocation, the Purchaser shall immediately cease its use of the Bullfrog IP, provided that it shall not be required to destroy any physical packaged goods which were manufactured with the Bullfrog IP prior to such revocation
- 7. Force Majeure. Bullfrog shall not be held responsible or liable for any failure to perform or delay in the performance of its obligations described in paragraph 1 of this agreement due to a force majeure event such as an act of God, acts of terrorism, vandalism, severe storms, strikes, labour disputes, change of law or similar circumstances which are unavoidable or beyond Bullfrog's or Purchaser's respective control. Force majeure includes any or all of Bullfrog's suppliers being unable or refusing to generate and inject green electricity, green natural gas, or green fuel, or deliver GECs to Bullfrog, losing their certification, or the refusal of any government, board, agency, commission or other authority to issue or extend necessary approvals. During a period of force majeure, Purchaser is relieved of its payment obligations for goods and services that would otherwise have been provided by Bullfrog during that period, but not for goods and services already provided prior to, or actually provided during such period.

8. *General*. Bullfrog may at any time after completion of the Initial Term change these terms and conditions upon 90 days prior written notice to Purchaser, and Purchaser has the right to terminate the agreement after completion of the Initial Term at any time pursuant to paragraph 5 above. Either party may assign this agreement with the consent of the other party, such consent not to be unreasonably withheld. Either party may assign this agreement with the consent of the other party, such consent not to be unreasonably withheld. Except for the marketing initiatives contemplated by this agreement, both parties agree to keep the terms of this agreement confidential. Except as amended in writing by both parties, this agreement constitutes the entire agreement between the parties with respect to the Premises, and supersedes all prior agreements, whether written or oral. This agreement is governed by the laws of the Province of Ontario. This agreement may be executed in one or more counterparts, by original, facsimile, or electronic signature, and each counterpart shall together form one original copy of this agreement.

Signed effective the first date written above.

Agreed by Bullfrog, on _____ [date]: Agreed by Purchaser, on _____ [date]:

BULLFROG POWER INC.

By:

Name: Suha Jethalal Title: President I have authority to bind Bullfrog

Outfront Media Canada L.P. 377 Horner Avenue Toronto, ON_M8W 1Z6

Bv:

Name: Michele Erskine Title: CEO - Canada I have authority to bind Purchaser

Schedule A

Premises 1: CANCELLED

Name: Address: City/Province: Postal Code: Agreed Monthly Megawatt Usage: Start date:

Premises 2:

Name: Address: City/Province: Postal Code: Agreed Monthly Megawatt Usage: Start date:

Premises 3: CANCELLED

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 4:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 5:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 6:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Billboard

Outfront Media 2375 St. Clair Ave. West Toronto, ON M6N 1K8 0.28 March 1, 2012

Billboard

Outfront Media 933 Dixon Road Toronto, ON M8Z 1M5 2.36 MWh September 1, 2012

Billboard

Outfront Media 1109 Bathurst Street Toronto, ON 0.198 MWh April 1, 2016

Billboard

Outfront Media 1160 Ellesmere Road Toronto, ON 0.395 MWh April 1, 2016

Billboard

Outfront Media 1302 Ellesmore Road Toronto, ON 0.395 MWh April 1, 2016

Billboard

Outfront Media Black Creek Dr N/O Weston Rd WS Toronto, ON 2.64 MWh Dec. 1, 2017 Premises 7: Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 8:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 9:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 10: Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 11:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 12:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 13:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Billboard

Outfront Media 9 Hannah Avenue Toronto, ON 5.03 MWh Dec. 1, 2017

Billboard

Outfront Media Eglington Avenue East & Belamy Toronto, ON 3.540 MWh March 1st 2014

Billboard

Outfront Media Gardner Expressway East of Atlantic Ave. Toronto, ON 7.080 MWh February 15th 2013

Billboards

Outfront Media Kipling Ave North of Belfield Toronto, ON 1.770 MWh April 15th 2014

Billboard

Outfront Media Steeles and Alness Toronto, ON 3.54 MWh February 15th 2014

Billboard

Outfront Media York Mills East of Leslie Toronto, ON 3.54 MWh February 15th 2013

Billboards (10)

Outfront Media Yonge & Dundas Square Toronto, ON 3.56 MWh April 15th 2018

Premises 14: CANECELLED

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 15:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 16:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Billboard

Outfront Media 171 Dundas Street West Toronto, ON 0.28 MWh April 15th 2018

Billboard

Outfront Media 1073 Millwood Road Toronto, ON 3.51 MWh June 15th 2018

Billboard

Outfront Media 150 Sherway Dr. Toronto, ON 5.28 MWh June 15th 2018

June 7th, 2018 Addendum

Premises 17:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 18:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 19:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date: Billboard Outfront Media Hydro One Corridor – Keele N/O Finch Toronto, ON 0.56 MWh Upon Illumination of Billboard

Billboard

Outfront Media 153 Dufferin St. Toronto, ON 3.55 MWh November 22, 2018

Billboard

Outfront Media 33 Wickman Toronto, ON 4.75 MWh Upon Illumination of Billboard Premises 20: Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 21:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 22:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 23:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 24:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 25:

Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Premises 26: Name: Address: City/Province: Agreed Monthly Megawatt Usage: Start date:

Billboard

Outfront Media 1400 The Queensway Toronto, ON 3.47 MWh upon illumination of Billboard

Billboard

Outfront Media 883 Kipling Ave Toronto, ON 3.47 MWh upon illumination of Billboard

Billboard

Outfront Media 271 Progress Ave Toronto, ON 3.47 MWh upon illumination of Billboard

April 14 2023 Addendum

Billboard

Outfront Media 2290 Markham Road Toronto, ON 3.47 MWh Jan 25 2023

Billboard

Outfront Media Wilson East of Keele Toronto, ON 3.47 MWh upon illumination of Billboard

Billboard

Outfront Media 9 Hanna Ave. Toronto, ON 3.47 MWh upon illumination of Billboard

Billboard

Outfront Media 2217 The Queensway Toronto, ON 3.47 MWh upon illumination of Billboard Agreed Total Monthly Megawatt Usage: <u>72.25 MWh</u> (867 MWh annually) Agreed by Purchaser: Outfront Media Canada L.P.