

Township of
ESQUIMALT



GREEN BUILDING CHECKLIST

The purpose of this Checklist is to make property owners and developers aware of specific green features that can be included in new developments to reduce their carbon footprints to help create a more sustainable community.

Creating walkable neighbourhoods, fostering green building technologies, making better use of our limited land base and ensuring that new development is located close to services, shops and transit are some of the means of achieving sustainability.

The Checklist which follows focuses on the use of Green Technologies in new buildings and major renovations. The Checklist is not a report card, it is a tool to help identify how your project can become 'greener' and to demonstrate to Council how your project will help the Township of Esquimalt meet its sustainability goals. It is not expected that each development will include all of the ideas set out in this list but Council is looking for a strong commitment to green development.

There are numerous green design standards, for example, Built Green BC; LEED ND; Living Building Challenge; Green Shores; Sustainable Sites Initiative. Esquimalt is not directing you to follow any particular standard, however, you are strongly encouraged to incorporate as many green features as possible into the design of your project.

As you review this checklist, if you have any questions please contact Development Services at 250.414.7108 for clarification.

New development is essential to Esquimalt.
We look forward to working with you
to ensure that development is
as green and sustainable as possible.

Other documents containing references to building and site design and sustainability, which you are advised to review, include:

- Esquimalt's Official Community Plan
- Development Protocol Policy
- Esquimalt's Pedestrian Charter
- Tree Protection Bylaw No. 2664
- A Sustainable Development Strategic Plan for the Township of Esquimalt

Adopted on January 10th, 2011

A&W RESTAURANT ALTERATIONS Adopted January 10th, 2011

860 ESQUIMAULT RD.



"One-third of Canada's energy use goes to running our homes, offices and other buildings. The federal government's Office of Energy Efficiency (Natural Resources Canada) reports that a corresponding one-third of our current greenhouse gas (GHG) emissions come from the built environment."
 [Green Building and Development as a Public Good, Michael Buzzelli, CPRN Research Report June 2009]

Please answer the following questions and describe the green and innovative features of your proposed development. Depending on the size and scope of your project, some of the following points may not be applicable. **THIS PROJECT IS LIMITED TO EXTERIOR REFURBISHMENT, LANDSCAPING & MINOR INTERIOR CHANGES**

Green Building Standards

Both energy use and emissions can be reduced by changing or modifying the way we build and equip our buildings.

- 1 Are you building to a recognized green building standard? Yes No
 If yes, to what program and level? No
- 2 If not, have you consulted a Green Building or LEED consultant to discuss the inclusion of green features? Yes No
 No
- 3 Will you be using high-performance building envelope materials, rainscreen siding, durable interior finish materials or safe to re-use materials in this project? Yes No
 If so, please describe them. No
RAINSCREEN PREFIN. METAL & FIBERCEMENT BOARD CLADDING
- 4 What percentage of the existing building[s], if any, will be incorporated into the new building? 100 %
- 5 Are you using any locally manufactured wood or stone products to reduce energy used in the transportation of construction materials? Please list any that are being used in this project.
N/A
- 6 Have you considered advanced framing techniques to help reduce construction costs and increase energy savings? Yes No
N/A
- 7 Will any wood used in this project be eco-certified or produced from sustainably managed forests? If so, by which organization? N/A
 For which parts of the building (e.g. framing, roof, sheathing etc.)? N/A
- 8 Can alternatives to Chlorofluorocarbon's and Hydro-chlorofluorocarbons which are often used in air conditioning, packaging, insulation, or solvents] be used in this project? If so, please describe these. Yes No
EXISTING HVAC UNCHANGED (N/A)
- 9 List any products you are proposing that are produced using lower energy levels in manufacturing.
N/A
- 10 Are you using materials which have a recycled content [e.g. roofing materials, interior doors, ceramic tiles or carpets]? Yes No
PREFIN. STEEL CLADDING No
- 11 Will any interior products [e.g. cabinets, insulation or floor sheathing] contain formaldehyde? Yes No
N/A

Water Management

The intent of the following features is to promote water conservation, re-use water on site, and reduce storm water run-off.

Indoor Water Fixtures

NO CHANGES TO EXISTING FIXTURES

- | | Yes | No | |
|---|-----|----|-----|
| 12 Does your project exceed the BC Building Code requirements for public lavatory faucets and have automatic shut offs? | | | |
| 13 For commercial buildings, do flushes for urinals exceed BC Building Code requirements? | | | |
| 14 Does your project use dual flush toilets and do these exceed the BC Building Code requirements? | | | |
| 15 Does your project exceed the BC Building Code requirements for maximum flow rates for private showers? | | | N/A |
| 16 Does your project exceed the BC Building Code requirements for flow rates for kitchen and bathroom faucets? | | | |

Storm Water

NO CHANGES TO EXISTING SYSTEM

- | | Yes | No | N/A |
|---|-----|----|-----|
| 17 If your property has water frontage, are you planning to protect trees and vegetation within 60 metres of the high water mark? [Note: For properties located on the Gorge Waterway, please consult Sections 7.1.2.1 and 9.6 of the Esquimalt Official Community Plan.] | | | ✓ |
| 18 Will this project eliminate or reduce inflow and infiltration between storm water and sewer pipes from this property? | | | ✓ |
| 19 Will storm water run-off be collected and managed on site (rain gardens, wetlands, or ponds) or used for irrigation or re-circulating outdoor water features? If so, please describe. _____ | | | ✓ |
| 20 Have you considered storing rain water on site (rain barrels or cisterns) for future irrigation uses? | | | ✓ |
| 21 Will surface pollution into storm drains will be mitigated (oil interceptors, bio-swales)? If so, please describe. _____ | | | ✓ |
| 22 Will this project have an engineered green roof system or has the structure been designed for a future green roof installation? | | | ✓ |
| 23 What percentage of the site will be maintained as naturally permeable surfaces?
UNCHANGED | | | 8 % |

Waste water

- | | Yes | No | N/A |
|---|-----|----|-----|
| 24 For larger projects, has Integrated Resource Management (IRM) been considered (e.g. heat recovery from waste water or onsite waste water treatment)? If so, please describe these. _____ | | | ✓ |

Natural Features/Landscaping

The way we manage the landscape can reduce water use, protect our urban forest, restore natural vegetation and help to protect the watershed and receiving bodies of water.

- | | Yes | No | N/A |
|--|-----|----|-----|
| 25 Are any healthy trees being removed? If so, how many and what species?
_____ | | ✓ | |
| Could your site design be altered to save these trees? N/A | | | |
| Have you consulted with our Parks Department regarding their removal? | | | |

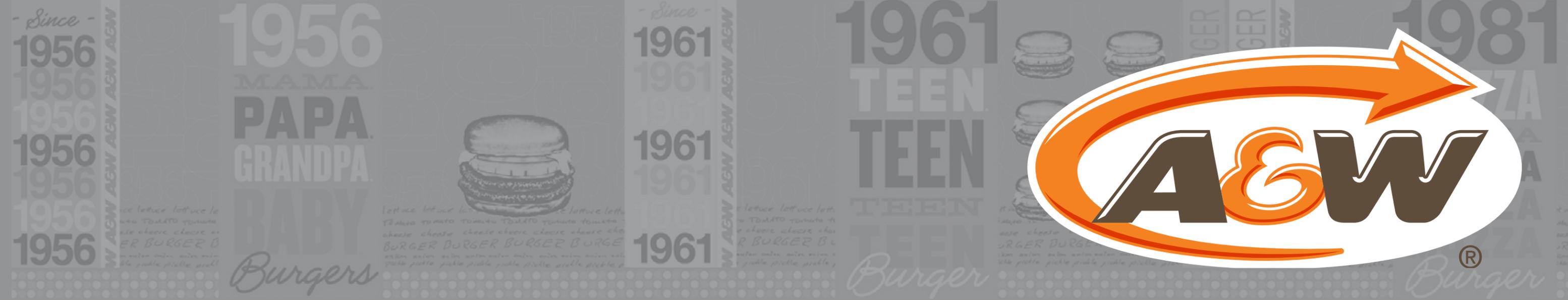
- | | | | | |
|----|---|-----|----|-----|
| 26 | Will this project add new trees to the site and increase our urban forest?
If so, how many and what species? <u>5 SUMAC</u> | Yes | No | N/A |
| | | ✓ | | |
| 27 | Are trees [existing or new] being used to provide shade in summer or to buffer winds? | Yes | No | N/A |
| | | | ✓ | |
| 28 | Will any existing native vegetation on this site be protected?
If so, please describe where and how. _____ | Yes | No | N/A |
| | | | | ✓ |
| 29 | Will new landscaped areas incorporate any plant species native to southern Vancouver Island? <u>KINNIKINICK</u> | Yes | No | N/A |
| | | ✓ | | |
| 30 | Will xeriscaping (i.e. the use of drought tolerant plants) be utilized in dry areas?
<u>PARTIALLY</u> | Yes | No | N/A |
| | | ✓ | ✓ | |
| 31 | Will high efficiency irrigation systems be installed (e.g. drip irrigation; 'smart' controls)? | Yes | No | N/A |
| | | ✓ | | |
| 32 | Have you planned to control invasive species such as Scotch broom, English ivy, Himalayan and evergreen blackberry growing on the property? | Yes | No | N/A |
| | | | | ✓ |
| 33 | Will topsoil will be protected and reused on the site? | Yes | No | N/A |
| | | | | ✓ |

Energy Efficiency

Improvements in building technology will reduce energy consumption and in turn lower greenhouse gas [GHG] emissions. These improvements will also reduce future operating costs for building occupants.

- | | | | | |
|----|--|-----|----|-----|
| 34 | Will the building design be certified by an independent energy auditor/analyst?
If so, what will the rating be? _____ | Yes | No | N/A |
| | | | | ✓ |
| 35 | Have you considered passive solar design principles for space heating and cooling or planned for natural day lighting? | Yes | No | N/A |
| | | | | ✓ |
| 36 | Does the design and siting of buildings maximize exposure to natural light?
What percentage of interior spaces will be illuminated by sunlight? _____% | Yes | No | N/A |
| | | | | ✓ |
| 37 | Will heating and cooling systems be of enhanced energy efficiency (ie. geothermal, air source heat pump, solar hot water, solar air exchange, etc.).
If so, please describe. _____
If you are considering a heat pump, what measures will you take to mitigate any noise associated with the pump? _____ | Yes | No | N/A |
| | | | | ✓ |
| 38 | Has the building been designed to be solar ready? | Yes | No | N/A |
| | | | | ✓ |
| 39 | Have you considered using roof mounted photovoltaic panels to convert solar energy to electricity? | Yes | No | N/A |
| | | | | ✓ |
| 40 | Do windows exceed the BC Building Code heat transfer coefficient standards? | Yes | No | N/A |
| | | | | ✓ |
| 41 | Are energy efficient appliances being installed in this project?
If so, please describe. _____ | | | ✓ |
| 42 | Will high efficiency light fixtures be used in this project?
If so, please describe. <u>NEW LED BOOMERANG, FIXTURES, SIGNS</u> | Yes | No | N/A |
| | | ✓ | | |
| 43 | Will building occupants have control over thermal, ventilation and light levels? | Yes | No | N/A |
| | | | ✓ | |
| 44 | Will outdoor areas have automatic lighting [i.e. motion sensors or time set]? | Yes | No | N/A |
| | | ✓ | | |
| 45 | Will underground parking areas have automatic lighting? | Yes | No | N/A |
| | | | | ✓ |

Air Quality			
<i>The following items are intended to ensure optimal air quality for building occupants by reducing the use of products which give off gases and odours and allowing occupants control over ventilation.</i>			
46	Will ventilation systems be protected from contamination during construction and certified clean post construction?	Yes	No N/A ✓
47	Are you using any natural, non-toxic, water soluble or low-VOC [volatile organic compound] paints, finishes or other products? If so, please describe.	Yes	No N/A
48	Will the building have windows that occupants can open?	Yes	No N/A ✓
49	Will hard floor surface materials cover more than 75% of the liveable floor area?	Yes	No N/A ✓
50	Will fresh air intakes be located away from air pollution sources?	Yes	No N/A ✓
Solid Waste			
<i>Reuse and recycling of material reduces the impact on our landfills, lowers transportation costs, extends the life-cycle of products, and reduces the amount of natural resources used to manufacture new products.</i>			
51	Will materials be recycled during demolition of existing buildings and structures? If so, please describe. EXIST'S STEEL CLADDING TO BE REMOVED & RECYCLED	Yes	No N/A ✓
52	Will materials be recycled during the construction phase? If so, please describe. SCRAP WOOD & METAL	Yes	No N/A ✓
53	Does your project provide enhanced waste diversion facilities i.e. on-site recycling for cardboard, bottles, cans and or recyclables or on-site composting? SOME EXISTING RECYCLING IN PLACE	Yes	No N/A ✓
54	For new commercial development, are you providing waste and recycling receptacles for customers?	Yes	No N/A ✓
Green Mobility			
<i>The intent is to encourage the use of sustainable transportation modes and walking to reduce our reliance on personal vehicles that burn fossil fuels which contributes to poor air quality.</i>			
55	Is pedestrian lighting provided in the pathways through parking and landscaped areas and at the entrances to your building[s]?	Yes	No N/A ✓
56	For commercial developments, are pedestrians provided with a safe path[s] through the parking areas and across vehicles accesses?	Yes	No N/A ✓
57	Is access provided for those with assisted mobility devices?	Yes	No N/A ✓
58	Are accessible bike racks provided for visitors? ONE	Yes	No N/A ✓
59	Are secure covered bicycle parking and dedicated lockers provided for residents or employees?	Yes	No N/A ✓
60	Does your development provide residents or employees with any of the following features to reduce personal automobile use [check all that apply]: N/A <input type="checkbox"/> transit passes <input type="checkbox"/> car share memberships <input type="checkbox"/> shared bicycles for short term use <input type="checkbox"/> weather protected bus shelters <input type="checkbox"/> plug-ins for electric vehicles		
Is there something unique or innovative about your project that has not been addressed by this Checklist? If so, please add extra pages to describe it.			



2014 Boomerang Re-Image Design Book



“B” style - Left Drive Thru
Release 5.0
2013.09.13



Exterior Work

6. Exterior: Technical Notes

The following notes are intended as a technical resource to supplement the scope of work outlined throughout the Re-Image Design book, as well as more detailed information about how the work should be carried out. Some items may not be part of your specific scope of work and appear here as options or alternatives.

Legend:

- ❖ Optional items at Franchisee's discretion
- ☞ Suggested environmental initiatives

6.1 NEW EXTERIOR A&W EQUIPMENT AND SIGNAGE

- A Legend of all A&W supplied equipment items for the re-image program is included in this Design Book for general reference.
- **A&W Equipment order must be placed by Franchisee. Lead time for equipment order is 5-6 weeks from date of purchase order. Deposit cheques and signage permit are required in advance of order placement.**
- Contractor is responsible for coordination of construction schedule to meet equipment delivery date.
- Cost and application for sign permits are the responsibility of the Franchisee; as is arranging for secure and insured warehousing to receive equipment delivery.
- Various Federal and Provincial bodies in Canada including Workman's Compensation Board and Ontario Occupational Health and Safety Act, now require Contractors to ensure the employees and subtrades working on site are not exposed to suspected contaminants or hazardous materials which may be present within existing buildings or on sites where they are working.
- A&W recommends the franchise operator determine any such requirements at the onset of their project, so it can be reviewed with the successful contractor and appropriate steps to ensure compliance with these regulations can be taken prior to the start of construction.
- For technical equipment specifications such as dimensions, materials, electrical requirements and/or plumbing requirements for **your specific restaurant**, refer to the Equipment List and accompanying Cut Sheets included with this Design Book.
- Installation of exterior signage is by the A&W signage supplier with exceptions noted in the Equipment Legend. All other related work including supply and installation of plywood backing within walls, addition and/or relocation of electrical connections to suit new signage, final electrical connections, refinishing of existing sign support structures, and provision of new sign support structures is by Franchisee's Contractor.
- If a new concrete base is required for a pylon sign, it must be designed by a Structural Engineer and the Contractor must allow sufficient curing time for concrete prior to scheduling sign delivery and installation. Lead Time for new pylon sign is **12 weeks**.
- Locations of new logo signs, where different than existing, may require new plywood backing installed inside existing wall cavities to ensure adequate support.

STOP:

As part of A&W Standard, general contractor/electrician to ensure exterior signage and drive thru circuits are decoupled so that when the signage is turned off the menuboard is still working.

6.2 SIGNAGE REMOVAL AND DEMOLITION

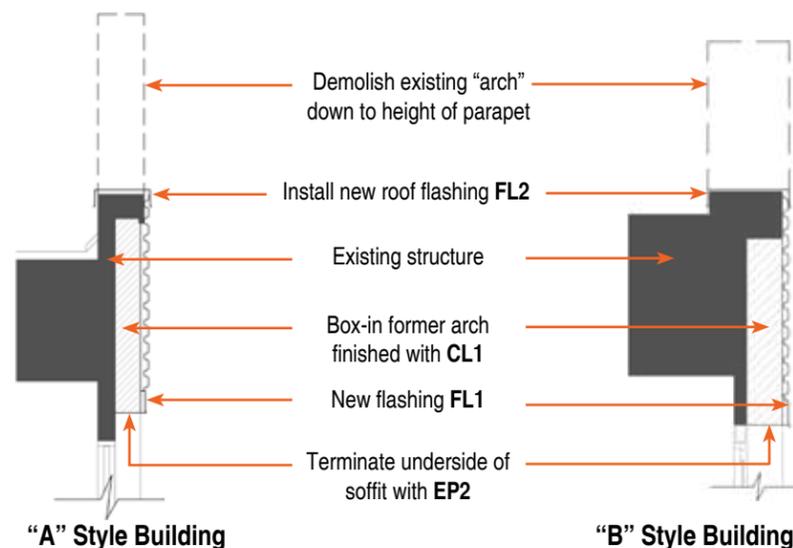
- Contractor to remove existing building signage to facilitate building alteration work.
- Demolish existing "arch" down to height of parapet, as shown below.



- Remove existing front glazing over entry within arch and metal cladding ("B" style only).
- Remove existing gooseneck lighting.

6.3 NEW CONSTRUCTION

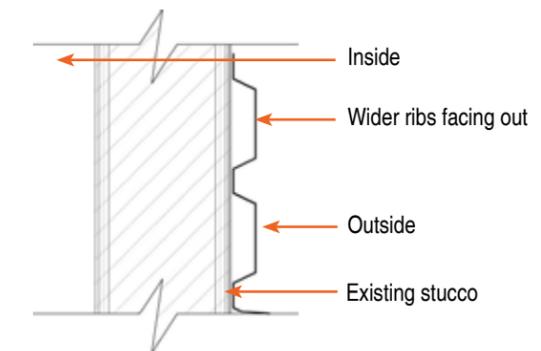
- Box-in former arch, complete with soffit on underside with EP2 finish and new cladding.



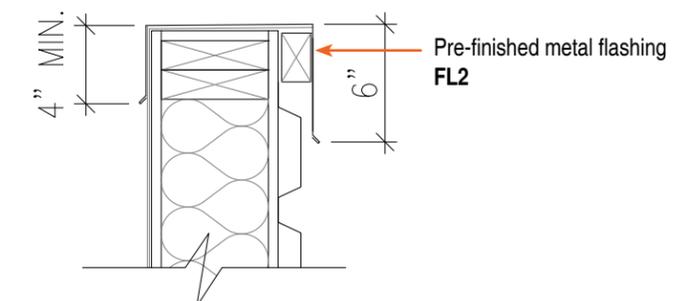
- Install new metal cladding as shown in the "Elevations Illustrating New Finishes" page.



- New metal cladding shall be installed with the ribs running in a horizontal orientation, with product-appropriate flashing and fasteners to prevent ingress of water into wall cavity. Shorter faces are inboard of taller faces. (See section below).



- Alternate cladding will be acceptable if profile and colour match specs.
- Remove existing roof flashing and replace with new FL2. Colour to match cladding.



6. Exterior: Technical Notes

6.5 LIGHTING

- Remove existing exterior lighting including gooseneck lamps and fixtures as per elevations.
- Where existing uplights occur on the front bulkhead to highlight the existing fin and/or burger family faces, these should be shifted to highlight the new "Home of The Burger Family" lettering; a minimum of two lights is required to illuminate the sign.
- Add new fixtures or relocate suitable existing fixtures to highlight new signage locations.
- Add twin-head spotlights mounted within the Boomerang canopy framework shining down at the HOTBF lettering, The Burger Family faces oval and building painted checkerboard as shown in elevations.

L1 Canlet Parmate
65212 - Two lampholders with matching waterproof box, Architectural Grey Albrite Lighting



DO relocate/add up or down lighting as needed to provide illumination for new signage. Add twin head spotlighting mounted up in space frame



DO NOT remove or leave the building without spotlighting. At night the signage will not be visible.

* Photos are for reference only, these are a R-style buildings

6.6 LED ILLUMINATED BAND - "26" BOOMERANG"

- Illuminated Boomerang band **AW1**, is to be supplied by Lektron Inc. and installed by Contractor. Contractor to contact Lektron Inc. directly to coordinate sizing and ordering of A&W 26" high LED band. See **Boomerang Section**.
- Contractor to provide exterior electrical hook-ups and make final connections. See **Boomerang Section**.
- Aluminum framework structure to be supplied and install by Contractor. See **Boomerang Section**.
- Front logo and bracket is supplied and installed by A&W supplier. Boomerang and frame work must not run behind logo's mounting brackets. Refer to bracket cut sheets in **Equipment Cut Sheet Section**.
- Boomerang must be installed prior to A&W supplier installing signage.

6.7 ORANGE PUBLIC DOORS

- All public doors must be orange as shown in **Elevations Illustrating New Finishes**. There are two choices available:
 - Choice 1:** Repaint all public entrance doors EP3 (orange) electrostatic paint application is preferred. Door handle and frame to be excluded. See **Painting, Technical Notes Section**.



Exclude door handle

- Choice 2:** Apply Orange Vinyl Door Kit on glass. Refer to cut sheet.



Vinyl applied to door glass

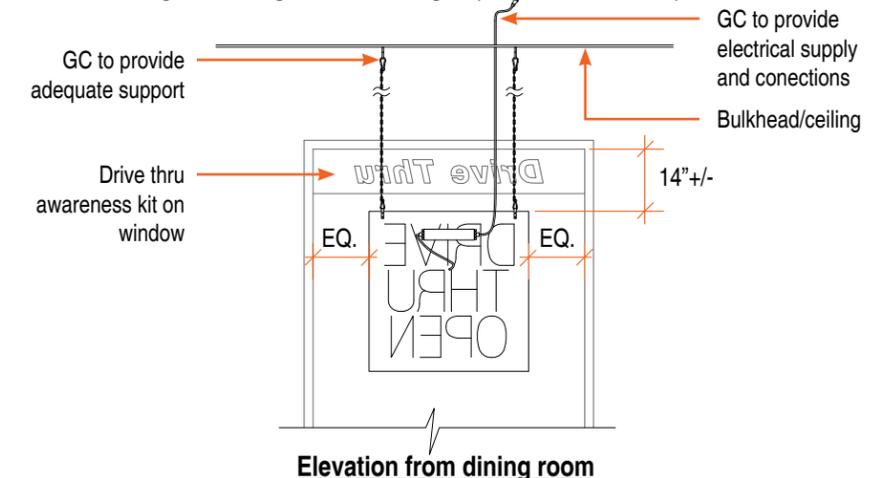
6.8 DRIVE THRU AWARENESS KIT

- Install Drive Thru Awareness Kit as per instructions on cut sheets.



6.9 FIRELIGHT DRIVE THRU SIGN

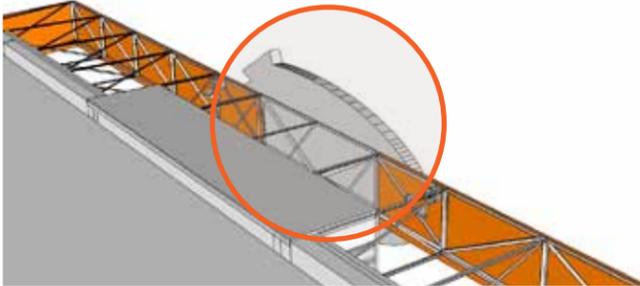
- Install firelight sign inside dining room facing the most visible window from the street.
- Sign should be installed as soon as exterior logos and signage come down.
- Provide wiring for 2 firelight drive thru signs (one extra for future).



❖ 6.10 SITE LANDSCAPING AND FURNITURE (Optional)

- Franchisee, at their discretion, may do additional work on site landscaping, fixtures or furniture such as: upgrade existing landscape and planted flower areas, repainting lot lines and curbs, repair and painting of fencing, replacement of patio umbrellas, skim coating of asphalt paving, repainting of bollards, addition of exterior lighting, and/or replacement of outdoor furniture.
- Preferred colours for site items are **EP2** (brown) for fencing, patio lights, lamp standards, bike racks and building mounted garbage receptacles; **EP3** (orange) for bollards, curbs and railings.
- ❖ **OPTIONAL:** patio furniture and umbrellas available thru A&W Equipment Services. Order directly through your A&W Equipment Services Representative.

7. Exterior: LED Illuminated Band - “Boomerang”

New items Item	Description	Equip.#	Supplier	Installer	Notes
 <p>Space frame detail</p>	24” high Clear Anodized Aluminum Space Frame	N/A	Fabricated locally and coordinated by General Contractor and Lektron Inc.	Installed and mounted to building by General Contractor	<ul style="list-style-type: none"> • Design of space frame can vary. Example provided is for reference. • Blocking within existing building to support framework and light band are responsibility of General Contractor including Engineering if required. • Shop drawing will be required for space frame and should follow design intent, angle, location of “valley”, distance from building as described in this book. • Contact Lektron Inc. to coordinate space frame fabrication as needed.
 <p>“B” style building</p>	Illuminated 26” high LED Light Band	N/A	Fabricated by Lektron Inc.	Installed by General Contractor	<ul style="list-style-type: none"> • Contractor to order Lektron band from supplier as indicated below. • Contractor to supply actual dimensions as requested by Lektron to allow for accurate fabrication of band to suit specific site conditions. • Contractor to coordinate framework fabrication with Lektron manufacturer in order to facilitate proper matching alignment of angles. • Typical band will run 3 sides and return into building to terminate. <ul style="list-style-type: none"> ❖ OPTIONAL: If site is highly visible on all sides, Franchisee has option of installing band on all 4 elevations at his/her discretion.
 <p>Logo bracket</p>	Logo bracket	E915	A&W Supplier	Installed by A&W Supplier	<ul style="list-style-type: none"> • Contractor must supply and install appropriate blocking and structure for front logo to mount to, according to provided cut sheet. Please see Equipment Cut Sheet Section for details.

MANUFACTURER CONTACT:

Lektron Inc. LED Lighting Technology

Phone: 918-622-4978

Web: www.lektroninc.com contact: Keith Hannah

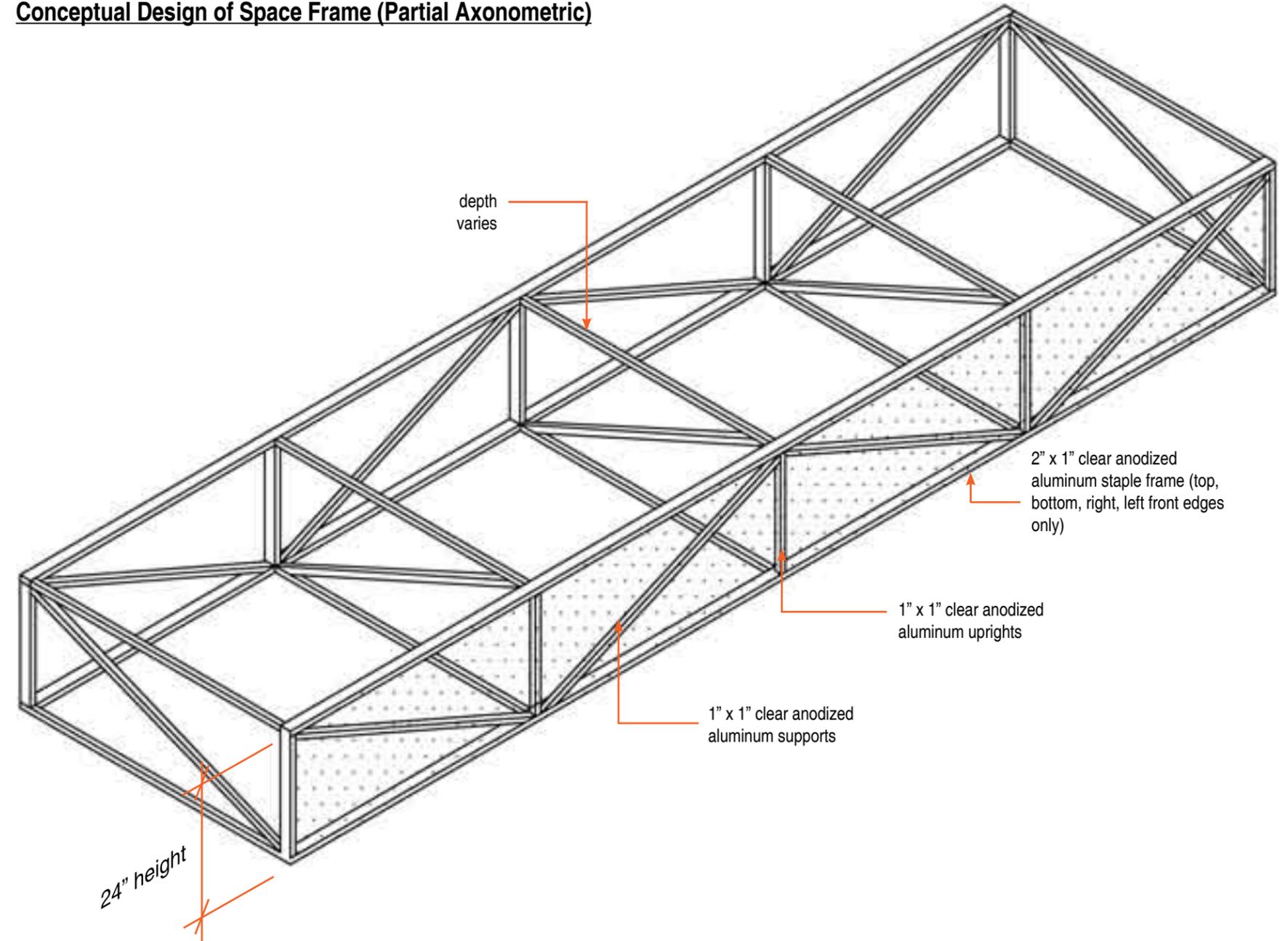
Email: keith_hannah@lektroninc.com

7. Exterior: LED Illuminated Band - “Boomerang”

7.1 GENERAL SCOPE OF WORK

- Clear anodized aluminum space frame is to be fabricated locally and is part of Contractor’s scope of work.
- The Illuminated Boomerang is manufactured by Lektron Inc. Installation to Aluminum space frame is part of the Contractor’s scope of work.
- A&W will supply building elevations of original construction drawings to Lektron. Lektron will send a quote directly to Franchisee or Contractor.
- Contractor to coordinate final sizing and ordering of Boomerang directly with Lektron. Typically, top edge of boomerang at front elevation to be equal in height to top of existing roof parapet. Top edge of boomerang at back of building to terminate at bottom of parapet flashing, a minimum of 6” below parapet height. Valley of Boomerang to be 9’ above ground. Refer to elevations for location of “valley” as per Lektron instructions.
- Contractor to ensure aluminum framework is designed to support specified Lektron illuminated band.
- When logo is to be installed in line with illuminated band, the illuminated band must stop behind logo to allow logo bracket mount directly to building face. Band must not be penetrated. See plan on next page for reference.
- Contractor is responsible for final measurements of the as-built conditions and the coordination of information required for placement of illuminated band order directly from Lektron.
- Contractor to provide electrical junction boxes and make final connections. Transformers are included in Lektron’s package.
- Contractor to install new bollards painted EP3 (orange) as necessary to protect Boomerang corners from tall vehicles.
- ❖ **OPTIONAL** where appropriate: Contractor to install awning fabric **EV1** (Eradi-Lite #2751 Orange or Awshade #5123 Orange) above side entrance doors to provide weather protection. Contact your local canopy fabric supplier. See photo below.

Conceptual Design of Space Frame (Partial Axonometric)



Aluminum space frame

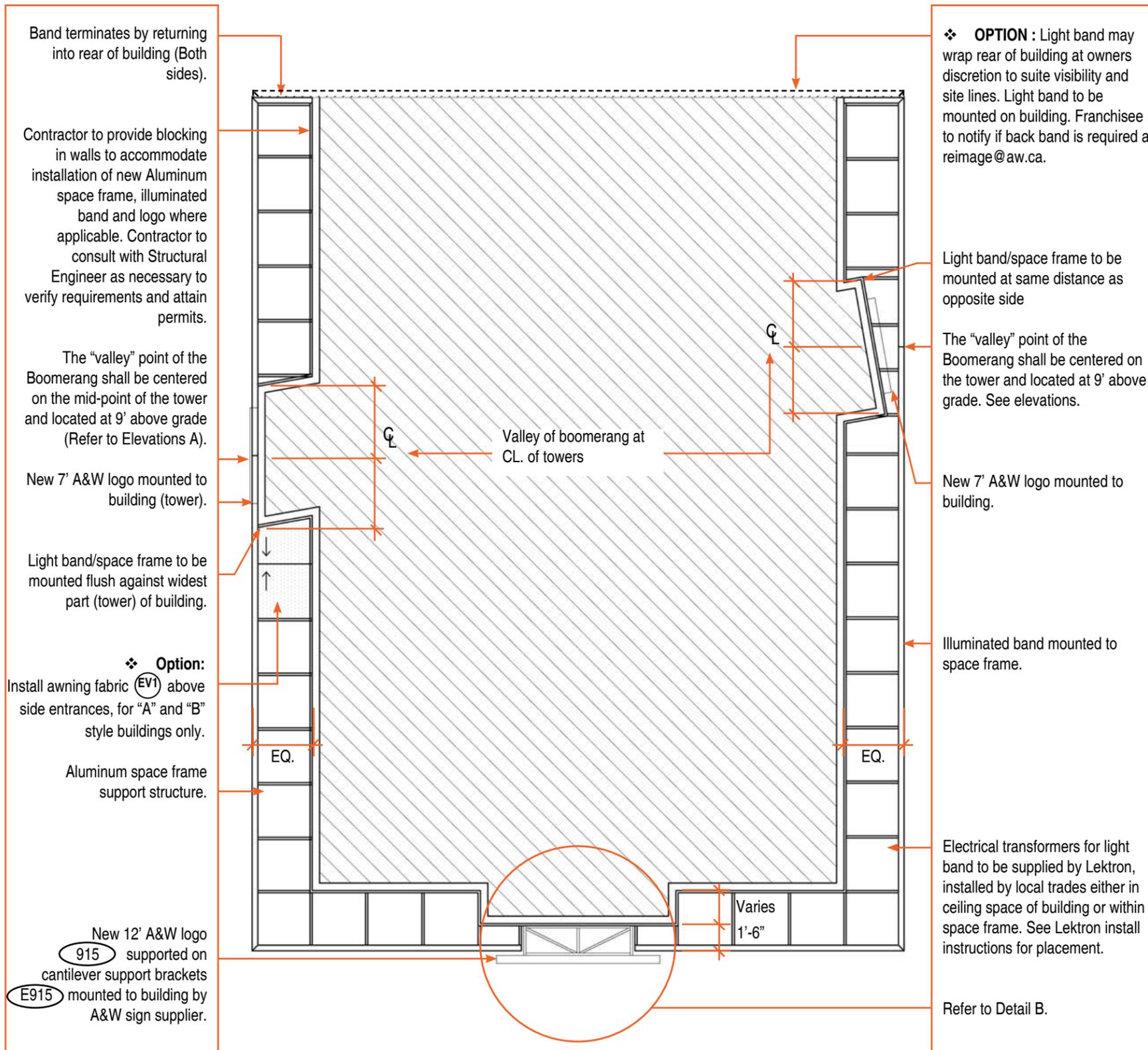
❖ **OPTIONAL:** Awning fabric canopy

24" height

7. Exterior: LED Illuminated Band - "Boomerang"

7.2 "BOOMERANG" SPACE FRAME FOR "B" STYLE BUILDINGS

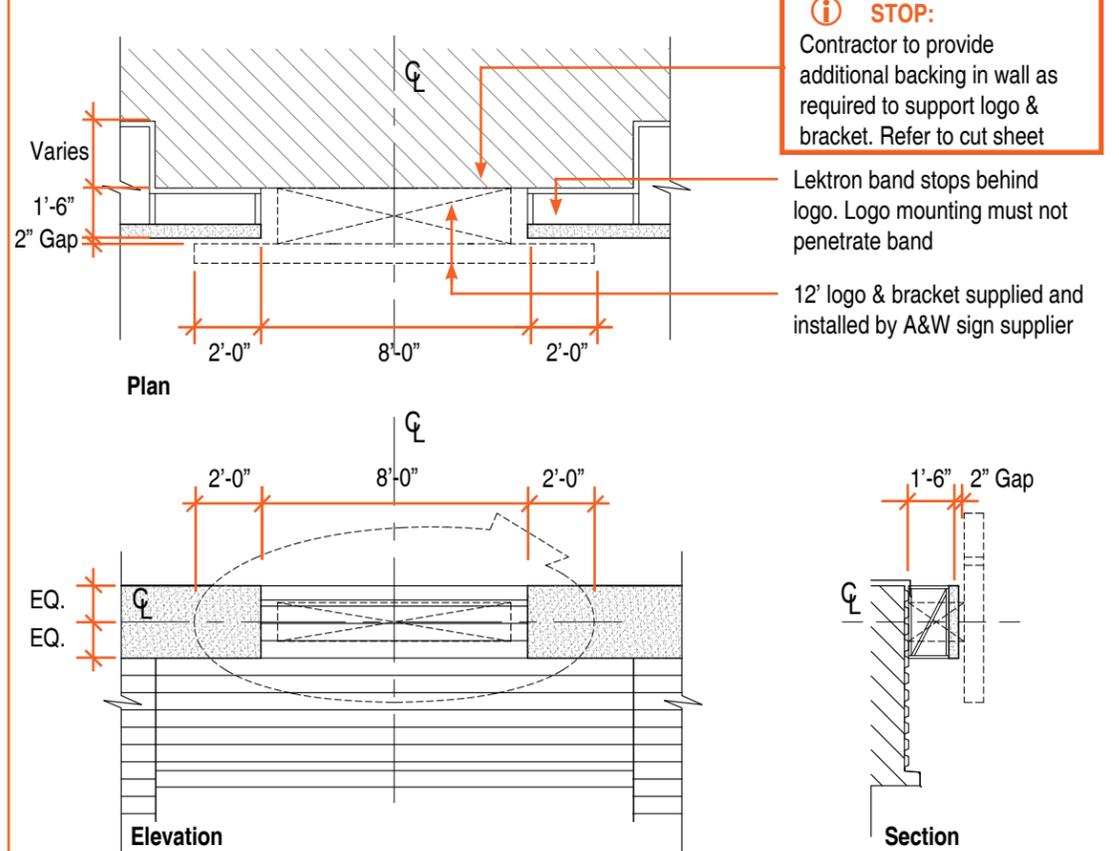
1) Roof Plan for "B" Style Buildings



A) Elevations "B" Style Buildings



B) Mounting Bracket Supported Logo Detail



7. Exterior: LED Illuminated Band - "Boomerang"

1) Boomerang Housing and Lens



Lense shipped in continuous rolled piece

2 rows snapping LED tracks top and bottom

Can of light band

2) Space Frame



Valley of space frame centred on tower

3) Installation of Boomerang Housing



Typical 8' lengths bolted together

4) Canopy Entrance



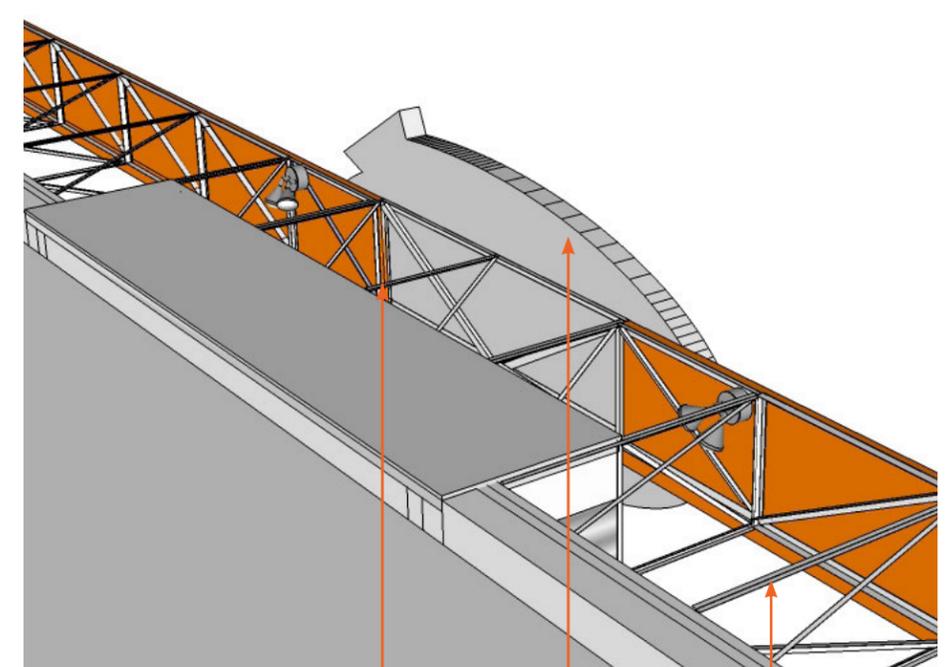
❖ Optional: Fabric weather protection built into space frame

5) Boomerang at Tower



Aluminum seam cover

6) Boomerang at Front



Stop light band behind logo, sign mounting hardware must not penetrate light band

New logo

Space frame to suit

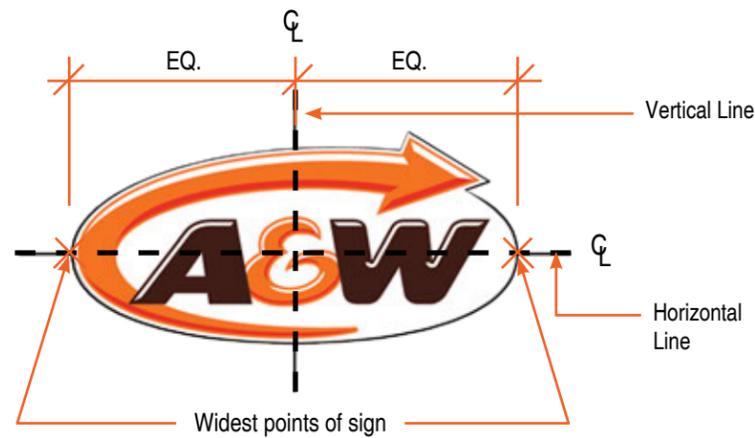
7. Exterior: LED Illuminated Band - "Boomerang"

7.3 LOCATION OF NEW LOGO

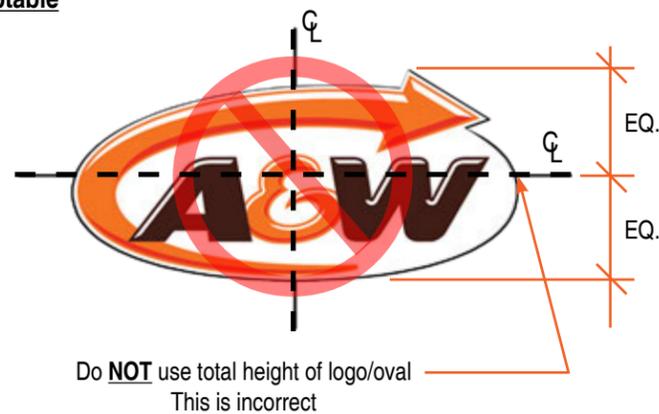
1) Identification of Centre Lines of 12' logo

- It is extremely important to identify the correct centre lines of the 12' logo to ensure proper installation and alignment with Lektron band.
- To identify the vertical centre line: take the widest point of the logo, and divide it into two equal sections.
- To identify the horizontal centre line, draw an imaginary line between the two widest points.

Acceptable centre lines



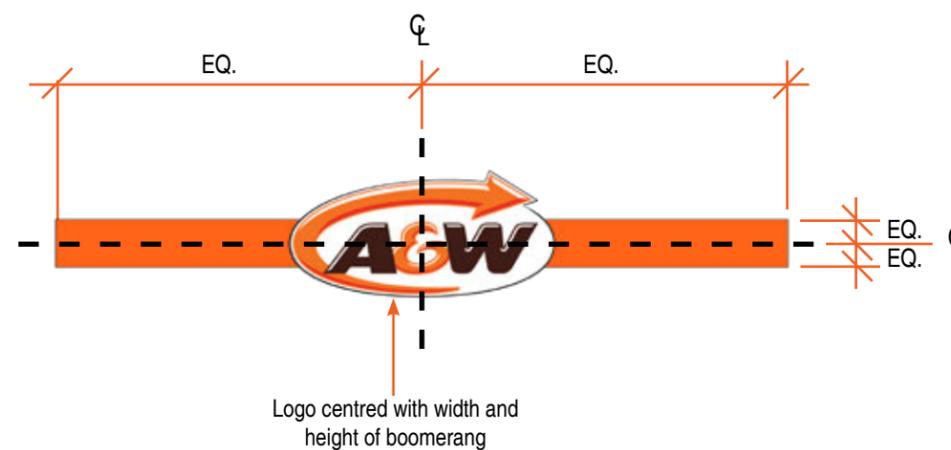
Unacceptable



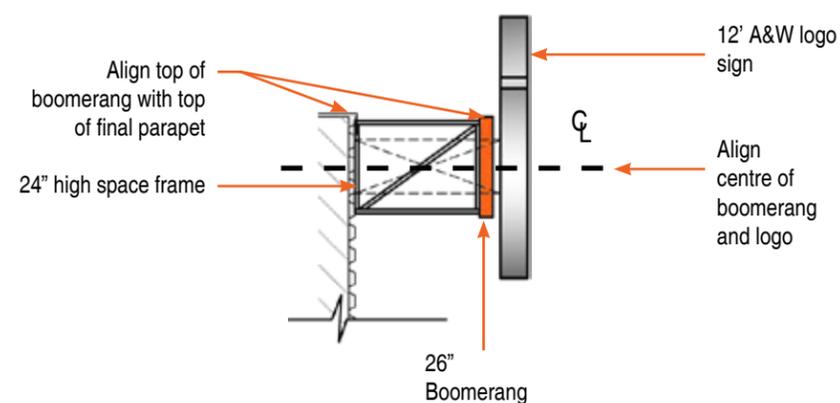
2) Location of Logo in Relation to the Lektron Boomerang

- Place the logo sign centred on the boomerang as indicated below.

Front elevation

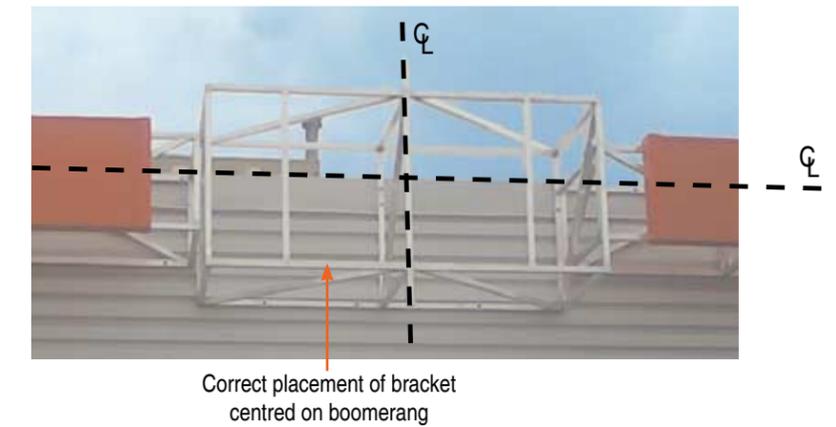


Section of Front Boomerang

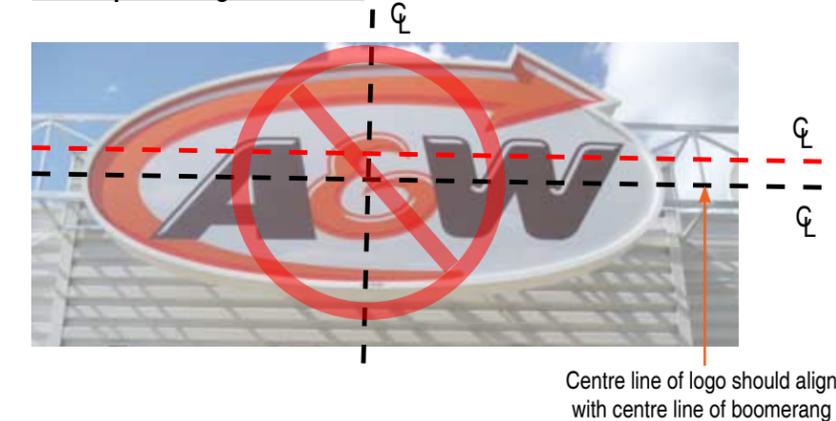


3) Examples

Acceptable Boomerang and Logo Placement



Unacceptable Logo Placement



STOP:

- Ideally, the space frame and boomerang should be installed before the 12' A&W logo and bracket. In situations where the space frame is not ready, the logo and signage should be installed first to minimize the time the restaurant is without signage.
- It is critical for the General Contractor to follow this guide and take accurate measurements and communicate these measurements with signage supplier to ensure proper location of signs in relation to the Lektron band.
- Details shown are for generic buildings only, if site specific conditions are required due to City's bylaws, custom renderings will be provided by A&W.
- If anything is unclear in regards to location and/or installation of the logos, please e-mail us at reimage@aw.ca prior to proceeding.

8. Exterior: A&W Signage

8.1 DESCRIPTION

General

- All signs must be updated.
- All signs must be updated through the National Signage Program supplied and installed by the approved National Signage Supplier, with the exception of drive thru lot sign faces and shared pylon sign faces.
- For the drive thru lot signs and shared pylon signs ONLY, Franchisees have the option of sourcing the faces of the signs locally. The necessary files can be downloaded from the A&W Xchange website. These sign faces can also be supplied by the approved National Signage Supplier and installed by contractor.
- Drive Thru lot sign content message (eg. logo, drive thru with arrow) to remain the same.
- Should there be content required that does not have corresponding artwork available for download, please e-mail reimage@aw.ca for assistance.
- All locally sourced sign faces must be approved by your Business Manager prior to production.

8.2 ATTRIBUTE POSTERS

- Refer to **Exterior Elevations** for location of existing attribute posters.

8.3 LOT SIGNS RETROFIT

- Existing sign cans and poles are to be repainted **EP3**, after proper surface preparation and retrofitted with new faces with new artwork.
- New sign faces should be lexan or polycarbonate.
- If site survey is required, it will be provided by A&W signage company.



Before



After

8.4 PYLON SIGNS TREATMENTS

- Single pole "Root Beer Mug" pylon signs are to be retrofitted with a new head section supplied and installed by A&W supplier. Removal and disposal of head section to be done by A&W sign supplier. Contractor to refinish existing pole up to the height of the bottom of the existing readerboard by preparing surface and repainting silver (to match Pantone Silver 442C), readerboard to be repainted **EP3** (orange).
- Ability to retrofit the existing pylon sign will depend on site survey results. Should the existing pylon not be suitable for retrofit, a new single pole pylon sign will need to be purchased and installed.



Before



After



DO NOT leave the existing pole orange, it should be painted silver

- STOP:**
 - Long arm should point to the street if perpendicular to building; long arm should follow boomerang's direction if parallel.
 - Check property lines and readerboard height clearance.

- Older generation single pole pylon signs with the "arch" feature may only be fitted with a new head section if:
 - The existing base can be certified by an Structural Engineer that it is adequate to support the new head section.
 - Proof of engineering certification required by A&W prior to shipping new sign.
 - The existing pole is determined to be adequate to support the new head section.
 - Original drawings of the concrete base may be available at your municipality if they were submitted at the time of original sign permit.
 - Site survey will be required by A&W signage company.
 - If pole and base are adequate, A&W's signage supplier will customize your sign a connection plate to adapt the standard pylon head section.
- **NOTE:** Sign will not be installed without written certification by Structural Engineer.



Before



After

- STOP:**
 - Where existing sign base certified by Engineer for reuse, new pylon sign baseplate will need to be manufactured to match existing base bolt pattern. Survey will be required prior to manufacturing. Advice your Equipment Services Rep. at time of equipment order if this applies to your sign.

- STOP:**
 - If power lines are too close to the pylon sign, please contact your power utility company to ensure that Hydro regulations will allow for pylon retrofit.

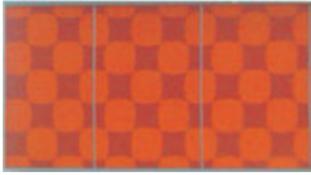
- STOP:**
 - OPTIONAL:** Replace readerboard faces if not in good condition, by recommendation of your Business Manager. Removal and install by A&W supplier.

New Signage Elements

All signs will be automatically updated to the latest specification by your Equipment Services Representative. The location and size of signs will not change. They will simply be replaced with the new versions in the same location. All text on the new signage will be in the new "Gotham" font, which has a slightly different appearance than the 2014 "Knockout" font. The design of the logo has not changed from the 2014 version, however, the logo signs are now LED illuminated.

Old 2014 Signage			New Signage			
Visual	Description	Notes		Visual	Description	Notes
	12" lexan door logo Eq. # 136-1	Self-adhesive. 1 required for each service door.	No Change		12" lexan door logo Eq. # 1271526	Self-adhesive. 1 required for each service door.
	Etched vinyl door logo Eq. # 136-2	Self-adhesive. 1 required for each glass doors other than main entrances.	Replace with		Etched vinyl burger Eq. # 1288986	Self-adhesive. 1 required for each glass door.
	"Drive thru" Firelight Sign Eq. # 285	Hang inside a highly visible window.	Additional "Breakfast" firelight sign now required		"Drive Thru" Firelight Sign Eq. # D530 and "Breakfast" Firelight sign Eq#D533	Hang in highly visible windows. Requires power. Discuss location with Business Manager.
	Orange vinyl door kit Eq. # 316	Orange tape to outline glass panes of entrance doors. Kit includes enough for 6 doors.	No Change		Orange vinyl tape Eq. # D912	Orange tape to outline glass panes of entrance doors. Kit includes enough for 6 doors.
	Welcome/Thanks decal Eq. # 317-1	Self-adhesive. 1 required for each glass entrance door.	Replace With		Etched vinyl burger Eq. # 1288986	Self-adhesive. 1 required for each glass door.
	Internally Illuminated logos Eq. # 905, 910, 915	As per project elevations.	All Logos are now LED illuminated		Internally illuminated logos Eq. # X707-1, X710-1, X712-1	In same locations as previous. As per project elevations.
	Replacement lot sign faces Eq. # 920	Required to replace all existing.	Sign Faces now have new font		Replacement lot sign faces Eq. # X336-1	Required to replace all existing.
	Checkerboard window film Eq. # 932	Applied to dining room windows.	replace with two vinyl films from Impact 200		Green guarantees vinyl and white grass pattern vinyl Eq. # D918, D916	Applied to dining room windows.

New Signage Elements

Old 2014 Signs			New Equivalent Signs		
Visual	Description	Notes	Visual	Description	Notes
	Non-Illuminated HOTBF letters. Eq. # 943, 944, 945, 946	1" thick cut-out letters painted brown. Pin or louvre mounted.	→ "GFMGF" Letters also required in most cases		1" thick cut-out letters painted black. Pin or louvre mounted. "HOTBF" is higher priority. If the design only calls for one set of letters, they will be "HOTBF" and "GFMGF" will not be included.
	Internally Illuminated "Drive Thru" letters Eq. # 950	Standard letters are 12' long, white letters on orange carrier box. Used only on select projects.	→ Replace with		Internally Illuminated "Drive Thru" letters Eq. # X345 Standard letters are 9' long, white letters on brown carrier box. Used only on select projects.
	"Quirky Checkerboard" printed aluminum panels Eq. # 967	Optional to replace painted checkerboard panel.	→ Replace with EP7 or CL3		Benjamin Moore Aura Exterior Custom Mix Hardie Plank Fibre-Cement See page 2 for detailed specifications.
	Drive thru gateway sign Eq. # 969	Optional.	→ New version is available		Drive Thru Entry Portal Eq. # X353 Optional.
	5' or 7' wide burger family sign Eq. # 975, 976	Usually mounted over quirky checkerboard.	→ Replace with		Burger family cut-out Eq. # X608 Pin mounted. Usually located on side of building near the back.
	Pylon retrofit head section Eq. # 688	Required for all pylon signs. A site survey will determine if a standard retrofit is possible.	→ Pylon retrofit head is now LED illuminated		Pylon retrofit head section Eq. # X930-1 Required for all pylon signs. A site survey will determine if a standard retrofit is possible.

Lektron Boomerang

	26" internally illuminated boomerang Contractor to source directly from Lektron Inc.	Contractor to coordinate directly with Lektron Inc. for order and delivery. Contractor to supply and install aluminum space frame for mounting of boomerang.	→ No Change		26" internally illuminated boomerang Supplied by contractor Contractor to coordinate directly with Lektron. Contractor to supply and install aluminum space frame for mounting of boomerang
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NOTES:
 -it is now required to install the boomerang on all sides of the building including the back.
 -If your re-image design does not include a full boomerang around the building, it may be necessary to compensate with additional orange paint.
 -For an approved design solution, please contact the re-image coordinator at reimage@aw.ca or visit <https://xchange.awcda.ca> and navigate to: Everything A&W -> Working on my business -> Re-Image Program -> About Us