



**TOWN OF MEDWAY**  
**Department of Community and Economic Development**  
155 Village Street - Medway, Massachusetts 02053  
508-533-3291  
[planningboard@townofmedway.org](mailto:planningboard@townofmedway.org)

June 1, 2018

**ADMINISTRATIVE SITE PLAN DECISION**  
**PJ's Smoke 'N' Grill – Smoker Enclosure**  
**98 Main Street (112 Main Street mailing address)**  
**APPROVED with CONDITIONS**

PJ's Smoke 'N' Grille has requested Site Plan Approval under Section 3.5.3.A.3. Administrative Site Plan Review of the *Medway Zoning Bylaw*.

- I. **PROJECT LOCATION** – The subject location is at 98 Main Street (*Medway map and parcel #40-055*) with a 112 Main Street mailing address in the Medway Place Shopping Center. The proposed work is to be carried out on the paved surface behind the building which PJ's Smoke 'N' Grill occupies.
- II. **DESCRIPTION of PROPOSED WORK** – The application pertains to the construction of a 24' long by 10' wide open air enclosure for an existing outdoor smoker unit on a trailer along with associated hood exhaust and sprinkler systems. The enclosure is to be fabricated from 30 gauge corrugated galvanized steel roof panels. The enclosure will be accessed only by PJ's employees for cooking and for the delivery and storage of wood fuel for the smokers. The enclosure includes two utility doors for employee access - one door along the southern wall for access from the kitchen to carry food to the smokers and one door on the eastern end primarily for wood deliveries. The enclosure will also include a set of gates on the western end to access the trailer and smokers for removal for off-site use.
- III. **PROCEDURAL HISTORY**
  - A. *May 24, 2018* – An application for administrative site plan review was filed with the Medway Building Department and Community and Economic Development office.
  - B. *May 30, 2018* - The application was filed with the Town Clerk
  - C. *May 31, 2018* - A meeting was held with the Medway Administrative Site Plan Review Team (Building Commissioner Jack Mee, Planning and Economic Development Coordinator Susan Affleck-Childs, and Director of Community and Economic Development Barbara Saint Andre) to review PJ's administrative site plan application and associated materials.
- IV. **INDEX OF SITE PLAN DOCUMENTS** – The following materials were provided for review:
  - A. Administrative Site Plan Review Application dated May 21, 2018 (and supporting documentation) for PJ's Smoke "N" Grille, at 112 Main Street, Medway, MA
  - B. Drawings prepared by Beau Designs, Bridgewater, MA, Sheets T-1, A-1 and A-2 (Smoker Enclosure Plan and Notes) dated 5-22-18.

**V. FINDINGS**

- A. Administrative site plan review is required for this project pursuant to *the Medway Zoning Bylaw* Section 3.5.3.A.3.
- B. The purpose of constructing the enclosure is to control the smoke and odors from the smoker, to mitigate impacts on abutting and nearby properties and uses.
- C. The proposed enclosure was reviewed by the Town Fire Chief and incorporates requirements of the Fire Code.

**VI. DECISION** – At its meeting on May 31, 2018, the Medway Administrative Site Plan Review Team approved the proposed installation of an enclosure for an outdoor smoker pre-as described in the administrative site plan review application and as shown on Drawings prepared by Beau Designs, Bridgewater, MA, Sheets T-1, A-1 and A-2 (Smoker Enclosure Plan and Notes) dated 5-22-18 subject to the conditions below.

**VII. SPECIFIC CONDITIONS OF APPROVAL** – Administrative approval of this site plan application is subject to the following specific conditions:

- A. The plan shall be revised to specify the planned location of the dumpster(s) used by PJ's Smoke 'N' Grill.
- B. In lieu of the proposed shiny silver materials for the enclosure, the applicant is encouraged to use alternative colors for the corrugated steel roof panels and other exterior walls. The selected colors should be similar and/or complementary to the main building.
- C. The gates on the western end of the enclosure shall remain closed at all times except when the trailer is being removed for off-site use. These doors shall have signage stating *"Doors to remain closed during cooking operations at all times"*.
- D. A maximum of one cord of wood may be stored within the enclosure at any time.
- E. No storage is allowed outside of the enclosure except for wood which shall be brought inside the enclosure within twelve hours of delivery.
- F. Remove the statement of *"no sprinkler required"* from the plan as it has been determined that a sprinkler system is in-fact required.
- G. The applicant shall provide the revised plan to the Town for endorsement by the Administrative Site Plan Review Team. Add a box on the Title Sheet for signatures, approval date and endorsement date.

**H. Construction Activities**

- 1. *Commencement* – Installation shall not begin until after the Building Department has issued a building permit for the enclosure.
- 2. *Time* - Construction work at the site shall commence no earlier than 7 a.m. and shall cease no later than 7 p.m. No construction shall take place on Sundays or legal holidays unless authorized in advance by the Medway Building Commissioner.
- 3. *Construction Materials/Debris* - There shall be no tracking of construction materials/debris onto any public way. Sweeping of the site shall be done as needed to ensure that loose gravel/dirt does not create hazardous or deleterious conditions for vehicles, pedestrians, business customers and nearby neighborhood residents.



**I. Compliance**

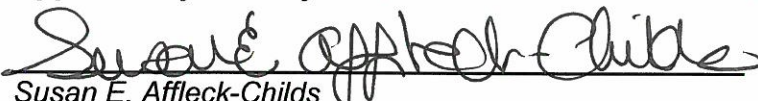
1. Any construction work that deviates from this decision shall be a violation of the Zoning Bylaw. The Town and its agents may use all legal options available to it, including referring any violation to the Building Commissioner/Zoning Enforcement Officer for appropriate enforcement action, to ensure compliance with this decision and its conditions.
2. This decision is enforceable under Section 3.1 of the Medway Zoning Bylaw.
3. The Building Department will inspect the enclosure within thirty days of its installation to ensure that it has been installed in accordance with the approved site plan.

- J. Schedule for Project Completion** – This approval shall lapse after three months of the grant thereof if substantial work has not commenced except for good cause. Construction shall be completed by the applicant or its assignees within six months of the date of this decision.

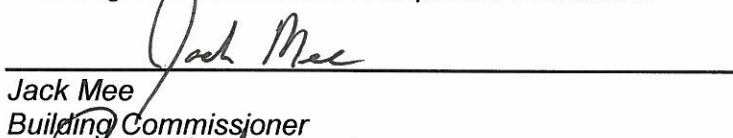
Upon receipt of a written request by the applicant filed at least thirty days prior to the date of expiration, the Administrative Site Plan Review Team may grant an extension for good cause. The request shall state the reasons for the extension and also the length of time requested. If no request for extension is filed and approved, this approval shall lapse and may be reestablished only after a new filing and decision have occurred.

**VIII. APPEAL** - Any person aggrieved by this Administrative Site Plan Review decision may appeal such to the Planning & Economic Development Board.

**Approved by Medway Administrative Site Plan Review Team: June 1, 2018**



Susan E. Affleck-Childs  
Planning and Economic Development Coordinator



Jack Mee  
Building Commissioner



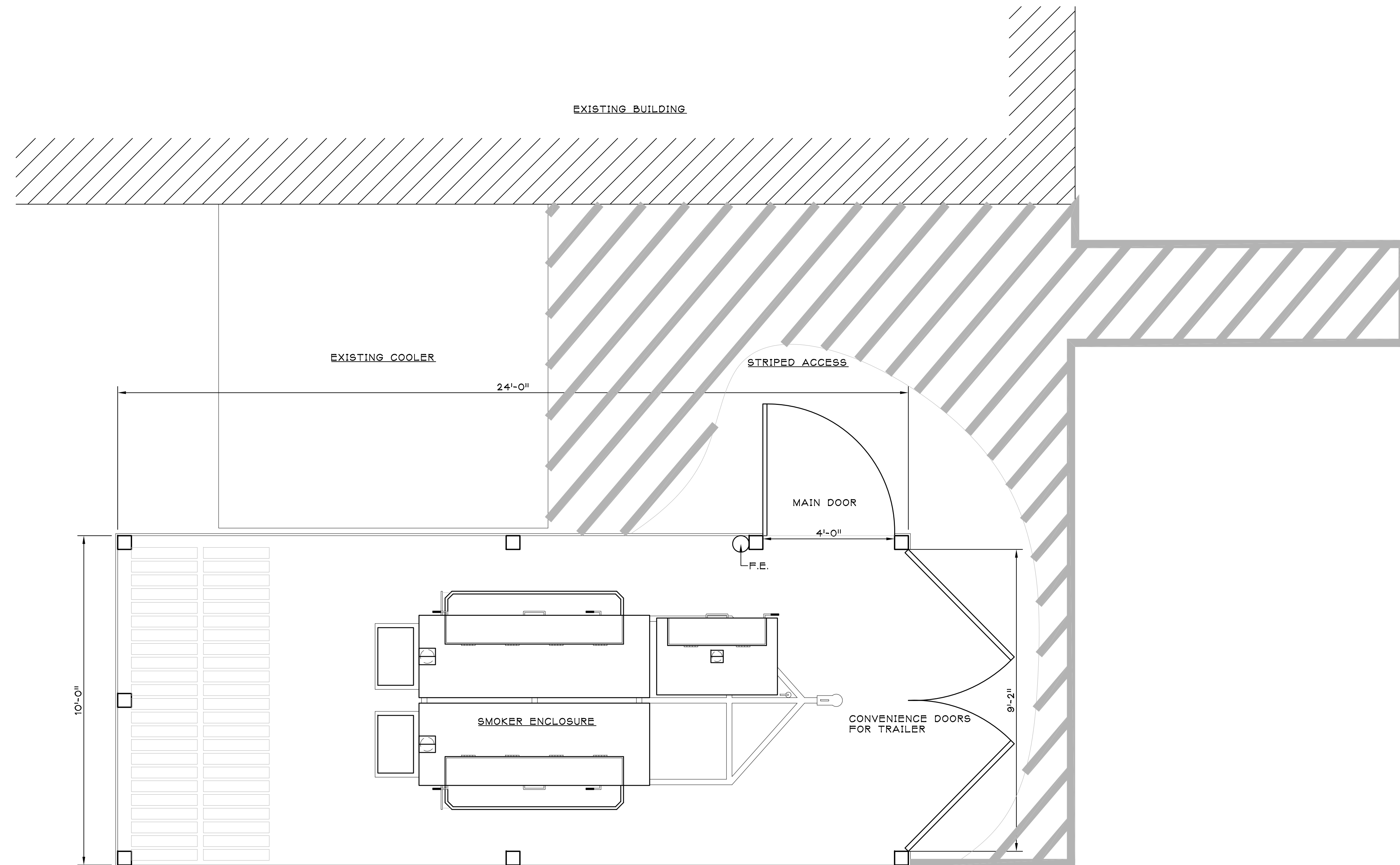
Barbara J. Saint Andre  
Director of Community and Economic Development

**COPIES TO:** Donna Greenwood, Principal Assessor  
David D'Amico, DPS  
Michael Boynton, Town Administrator  
Chief Jeff Lynch, Fire Department  
Jack Mee, Building Commissioner  
Barbara Saint Andre, Director of Community and Economic Development  
Chief Allen Tingley, Police Department  
Paul & Julie Rogers, PJ's Smoke 'N' Grill  
Paul Beaulieu, Beaus Designs  
Jim Griffin, Diversified Funding/Medway Realty LLC

## PJ'S Smoke N Grill

### (Smoker Enclosure)

This project involves the construction of a wooden open-air structure for an existing outdoor smoker unit. Along with the construction of the structure will be the addition of a hood exhaust system. The structure will be used by employees only for cooking and agreed upon storage of cooking fuel (cord of wood). The existing site area is currently striped pavement therefore this project will pose minimal impact on the existing site conditions.



1 SMOKER ENCLOSURE LAYOUT  
A-1 SCALE: 1/2"=1'-0"

02-20-18  
CONCEPTUAL DESIGN ONLY  
NOT FOR CONSTRUCTION

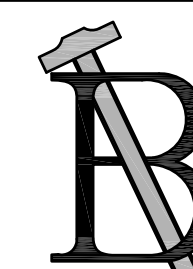
CLIENT:

**PJS SMOKE 'N' GRILL**  
**112 MAIN STREET**  
**MEDWAY, MA 02053**

SHEET NAME:

## PROPOSED SMOKER ENCLOSURE LAYOUT

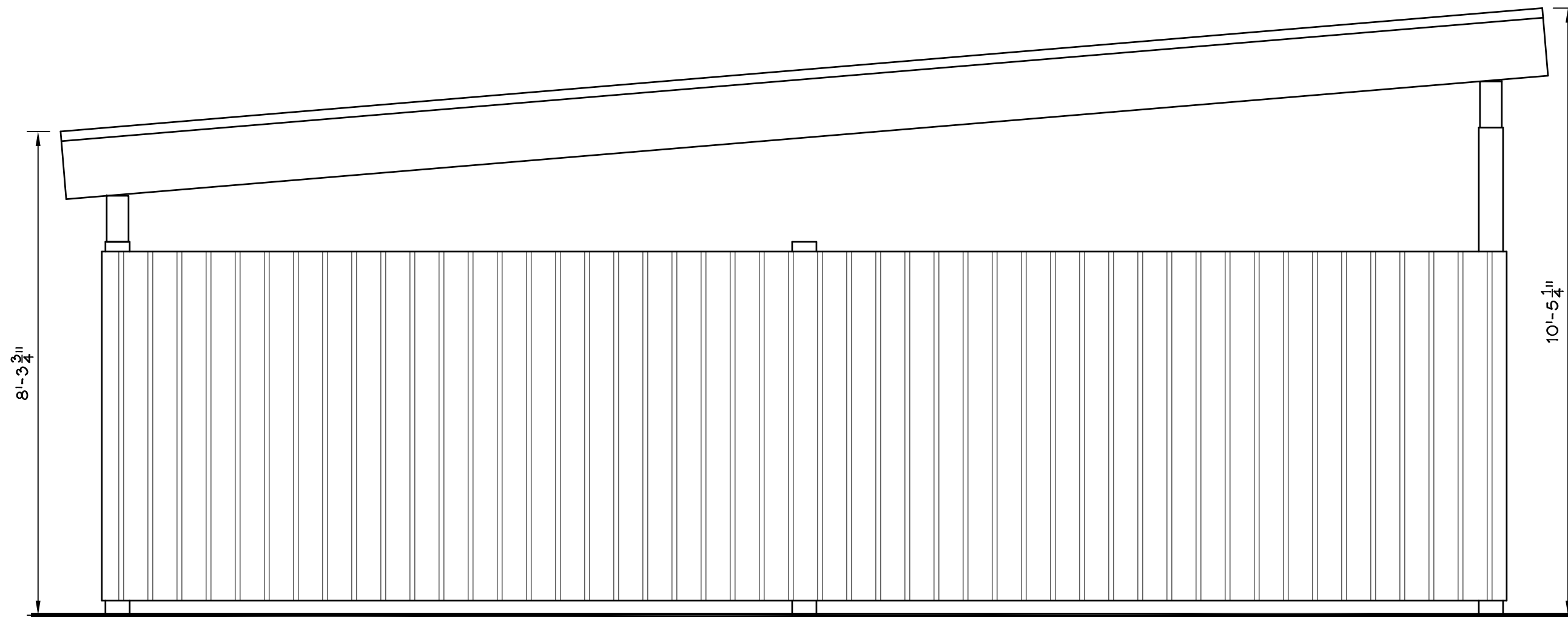
DRAWN BY:



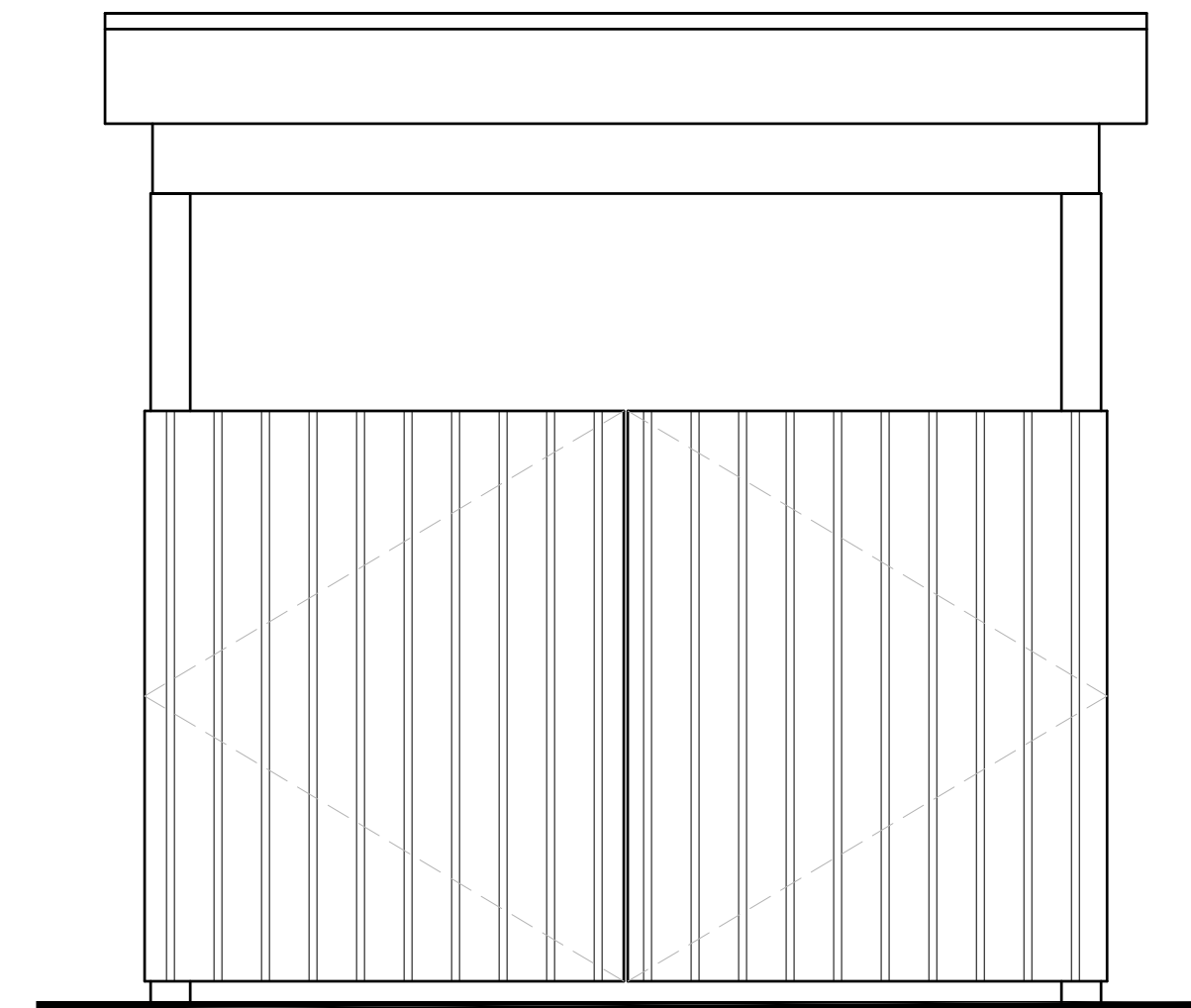
**BEAU DESIGNS**  
**BRIDGEWATER, MA 02324**  
**PHONE: (508) 726-4289**

DRAWING NO:

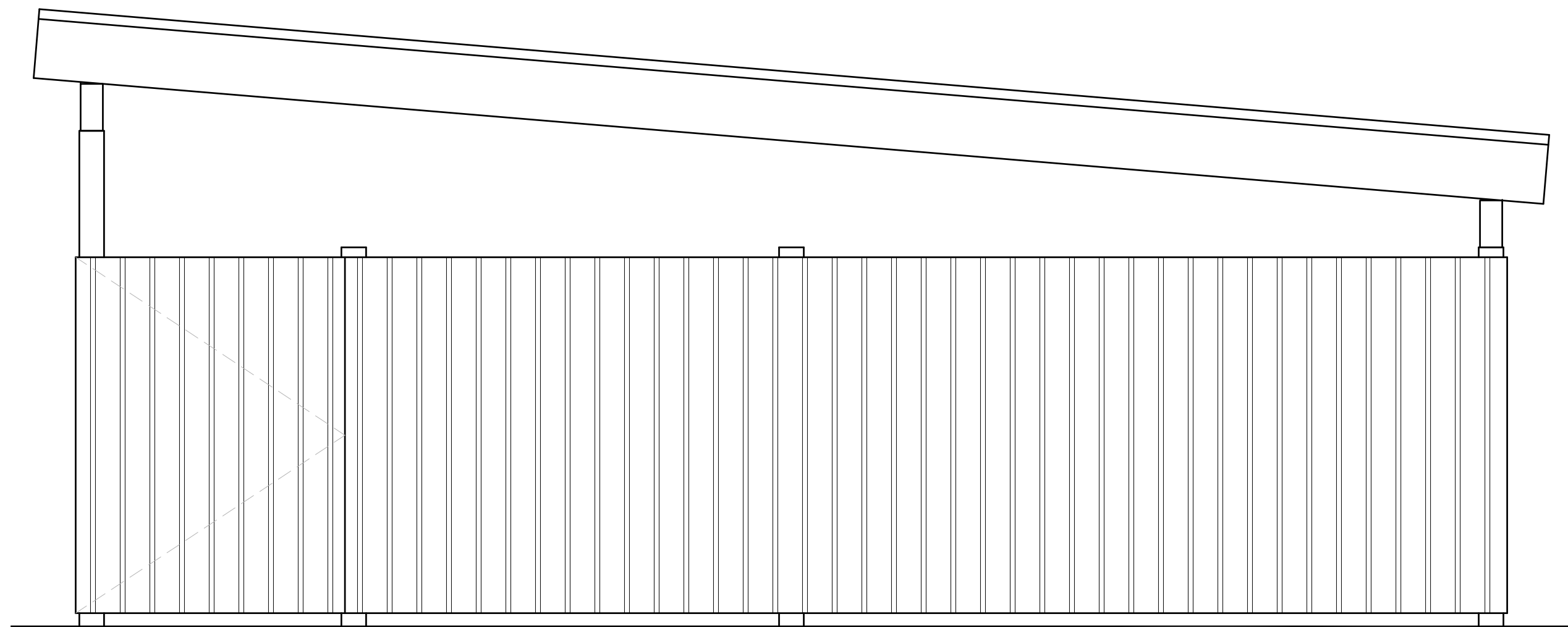
A-1



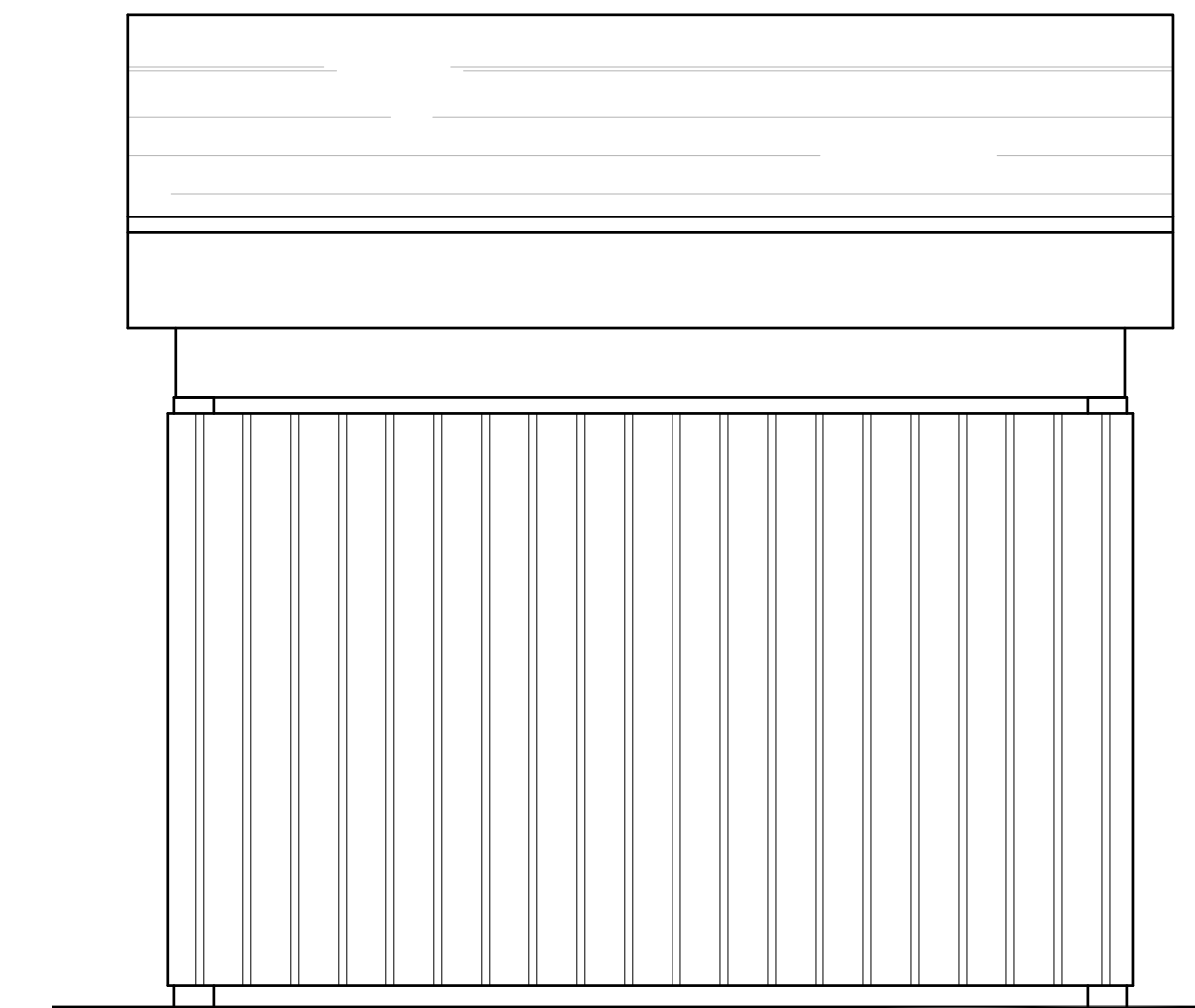
1 FRONT ELEVATION  
A-2 SCALE: 1/2"=1'-0"



2 RIGHT-SIDE ELEVATION  
A-2 SCALE: 1/2"=1'-0"



3 REAR ELEVATION  
A-2 SCALE: 1/2"=1'-0"



4 LEFT-SIDE ELEVATION  
A-2 SCALE: 1/2"=1'-0"

02-20-18  
CONCEPTUAL DESIGN ONLY  
NOT FOR CONSTRUCTION

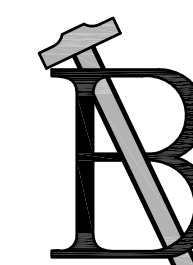
CLIENT:

**PJS SMOKE 'N' GRILL  
112 MAIN STREET  
MEDWAY, MA 02053**

SHEET NAME:

**PROPOSED SMOKER ENCLOSURE ELEVATIONS**

DRAWN BY:



**BEAU DESIGNS  
BRIDGEWATER, MA 02324  
PHONE: (508) 726-4289**

DRAWING NO:

A-2





LANDMARK®

[OVERVIEW](#)

*LANDMARK®*

Landmark is CertainTeed's tried-and-true architectural laminate roofing shingle. Designed to replicate the appearance of cedar shake roofing, Landmark is available in an impressive array of colors that compliment any trim, stucco or siding.

- Dual-layered construction provides extra protection from the elements
- Ten year StreakFighter® algae-resistance warranty
- Priced at a fraction of the cost of traditional cedar shake

*Due to variation in computer monitors and printers, the color samples seen on your computer screen may not exactly match the corresponding color. To verify actual product color, ask to see the actual product, available through a CertainTeed contractor or distributor.*

## PRODUCT OVERVIEW

- [Landmark Series Brochure - Northeast](#)
  - [Integrity Roof System Brochure](#)
  - [StreakFighter Algae-Resistant Shingles Brochure](#)
  - [NailTrack Sell Sheet](#)
- ([More Info](#))

## TECHNICAL SPECS

- [Data Sheet - Landmark Series](#)
  - [SDS - Asphalt Shingle - AR](#)
  - [SDS - Asphalt Shingle - non-AR](#)
  - [3-Part Spec - Landmark](#)
- ([More Info](#))

## INSTALLATION

- [Landmark Installation Instructions](#)
  - [Video:Installing Landmark - five course pattern, alternate closed cut valley & skylight flashing](#)
- ([More Info](#))

## WARRANTY

- [Asphalt Shingle Limited Warranty](#)
  - [SureStart Warranty Brochure](#)
- ([More Info](#))



Sweets ProductTAG

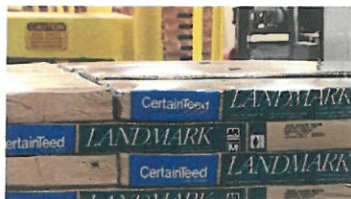
# GET INSPIRED AND LEARN MORE



**VISIT THE RESIDENTIAL ROOFING LEARNING CENTER**  
**VISIT THE RESIDENTIAL ROOFING INSPIRATION GALLERY**

ARTICLES, BLOG POSTS

**HOW THE SLOPE  
OF YOUR ROOF  
DETERMINES  
YOUR ROOFING  
MATERIAL  
OPTIONS**



ARTICLES, BLOG POSTS

**HOW ROOFING  
SHINGLES ARE  
MADE**



ARTICLES

**PRESERVING  
HISTORY: IRVINE  
RANCH HISTORIC  
PARK RECEIVES  
REROOF**

ARTICLES

**CERTAINTEED'S  
STREAKFIGHTER®  
ALGAE-  
RESISTANT  
TECHNOLOGY**



ARTICLES

**APOLLO II SOLAR  
SHINGLES GIVE  
ATTRACTIVE  
HOME A SLEEK,  
SUSTAINABLE  
FINISH**



ARTICLES

**ROOFING 101:  
WORRY-FREE  
WARRANTIES**



ARTICLES

**ROOFING 101:  
CONTRACTS  
MADE EASY**

ARTICLES

**INFOGRAPHIC – 7  
QUESTIONS TO  
ASK WHEN  
HIRING A  
ROOFING  
CONTRACTOR**

**TECHNICAL INFORMATION**

- Two-piece laminated fiber glass-based construction
- 229 / 240 lbs. per square (weight dependent on manufacturing facility)
- UL Class A fire resistance
- UL certified to meet ASTM D3462
- UL certified to meet ASTM 3018 Type I
- Conforms to CSA standard A123.5
- Miami-Dade Product Control Acceptance: Please see the Notice of Acceptance (NOA) to determine approved products by manufacturing location.

#### SPECS

- [Data Sheet - Landmark Series](#)
- [SDS - Asphalt Shingle - AR](#)
- [SDS - Asphalt Shingle - non-AR](#)
- [3-Part Spec - Landmark](#)
- [3-Part Spec - Landmark AR](#)
- [Miami-Dade NOA - Landmark](#)
- [ICC-ES-ESR-1389](#)
- [ICC-ES ESR-3537](#)
- [FL-5444 - Asphalt Roofing Shingles](#)
- [Landmark UL USA Compliance](#)
- [Landmark UL Canada Compliance](#)

## INSTALLATION

Applying a roof system correctly is essential to the warranty and performance of the roof.

Please refer to the installation instructions for complete details. Available in both English and Spanish.

#### INSTALLATION

- [Landmark Installation Instructions](#)
- [Video:Installing Landmark - five course pattern, alternate closed cut valley & skylight flashing](#)

# WARRANTY DETAILS

CertainTeed warrants that its shingles will be free from manufacturing defects, and provides the extra assurance of SureStart™ protection. Below are highlights of the warranty for Landmark®. See CertainTeed's Asphalt Shingle Products Limited Warranty document for specific warranty details regarding this product.

- Lifetime, limited transferable warranty
- 10-year SureStart™ warranty (100% replacement and labor costs due to manufacturing defects)
- 10-year StreakFighter® warranty against streaking and discoloration caused by airborne algae
- 15-year, 110 mph wind-resistance warranty
- Wind warranty upgrade is available for Landmark up to 130 mph. Specified CertainTeed starter and CertainTeed hip and ridge are required

## WARRANTY

- [Asphalt Shingle Limited Warranty](#)
- [SureStart Warranty Brochure](#)

# EXPORT INFORMATION

Landmark® asphalt roofing shingles are available for Export. Please review the related Export documents for additional information.

## EXPORT LINKS

- [Export Roofing Selection Guide](#)
- [International Limited Product Warranty](#)
- [Declaration of Performance Documents](#)



## Similar Options to Consider



**Metal Sales** 10 ft.  
Classic Rib Steel  
(31)

**\$28<sup>96</sup>**/each



**Metal Sales** 5 ft.  
Classic Rib Steel  
(19)

**\$16<sup>57</sup>**/each

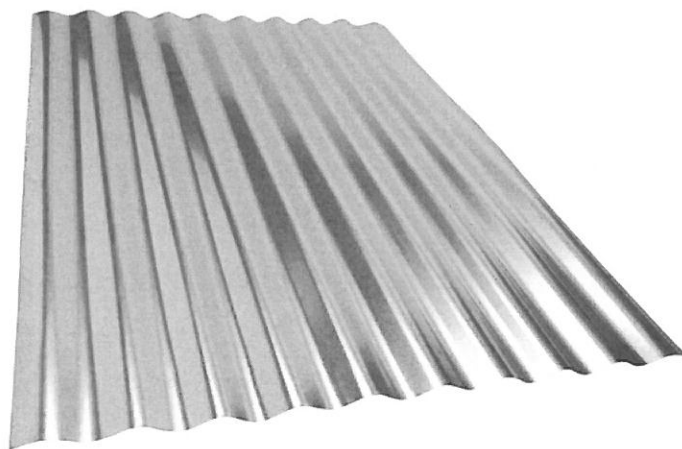


**Suntuf** 26 in. x 6  
ft. Solar Control  
(162)

**\$15<sup>35</sup>**/each

Home / Building Materials / Roofing & Gutters / Roofing / Roof Panels / Metal Roofing

Model # 4736011001    Internet #304363446



Share

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Print

**Amerimax**

Project Panel Corrugated 3 ft. Galvanized Steel Roof Panel



Write the first Review

Questions & Answers (3)

**\$38<sup>79</sup>**  
/carton

## Overview

Bring the unique and custom look of metal panels into your projects with the 3 ft. corrugated project panel from Amerimax. These project panels are pre-cut in easy to handle 3 ft. L and come 3 per box, eliminating the need to solve for transporting and cutting a larger panel for your project. Made from durable 30-Ga... See Full Description

Quantity

**Not in Your Store - We'll  
Ship It There**

**Add to Cart**

We'll send it to Quincy IL for free  
pickup

Available for pickup  
**March 29 - April 3**

[Check Nearby Stores](#)

**We'll Deliver It to You**

**Add to Cart**

Free Delivery on \$45 order

Get it by  
**March 26**

[Delivery Options](#)

Or buy now with

We're unable to ship this item to:  
AK, GU, HI, PR, VI

**Easy returns in store and online**  
[Learn about our return policy](#)

## Installation Options

## Product Overview

**Model #:** 4736011001

**Internet #:** 304363446

Bring the unique and custom look of metal panels into your projects with the 3 ft. corrugated project panel from Amerimax. These project panels are pre-cut in easy to handle 3 ft. L and come 3 per box, eliminating the need to solve for transporting and cutting a larger panel for your project. Made from durable 30-Gauge galvanized steel, these versatile panels can be used in both indoor and outdoor project applications and the only limiting factor is your creativity.

- 3 ft. L project panel eliminates the need to transport or cut larger metal panel for smaller project applications
- Durable 30-Gauge galvanized steel can be used in both indoor and outdoor applications
- Panels are packed 3 per box, for a total of 9 lin. ft. per carton
- Each panel is an overall size of 36 in. x 26.5 in. x 0.5 in.
- Corrugated design gives the panels added rigidity and strength

### Info & Guides

- Instructions / Assembly

You will need Adobe® Acrobat® Reader to view PDF documents. Download a free copy from the Adobe Web site.

## Specifications

### Dimensions

Approximate Length (ft.)

3

Coverage Area (sq. ft.)

19.875 ft<sup>2</sup>

Product Length (in.)

36 in

Product Thickness (in.)

.010 in

Product Width (in.)

27 in



## Details

---

Color Family

Steel

Gauge

30

Material

Metal

Product Weight (lb.)

9.2 lb

Returnable

90-Day

Roof Panel Type

Corrugated Panel

Roofing Product Type

Metal Roofing

## Warranty / Certifications

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Manufacturer Warranty

None

How can we improve our product information? Provide feedback.



(../images/models/lang84/84-twin-deluxe\_large.jpg)

# Model 84"

**Twin Deluxe**

**\$10,995\***

*\*If picked up at the factory*

## **LARGE Cooker**

Competitive Double Smoker Cooker and Warmer combined on a Mobile Trailer Frame. Our most popular series for competition. Also excellent for commercial use.

BUY ONLINE (../forms/order-online.html)

or

**CALL TO ORDER**

## **Dimensions**

- **L x H x W:** 180" x 63" x 77 1/2"
- **Weight:** 3450 lbs
- **Bottom (3) Racks:** 71 1/2" x 28"
- **Upper Rack:** 53 1/2" x 27"
- **Warmer Box:** 13" x 21"
- **Firebox:** 24" x 24"
- **Gauges:** 4 (2 on each cooking cylinder)

## **Cooking Capacity**

Just one 84" smoker cooker cylinder has 22 cubic feet of cooking space and hold approximately 320 pounds of food with room to spare. This size allows for a whole pig (approximately 160-180 pounds) to be smoked. Approximately 35 full racks of ribs can be smoked at a time.

The twin model comes with **two** cooking cylinders, allowing double the room!

The Deluxe warmer box provides additional slow cooking capacity.

## **Available Upon Request**

- No frame version for mounting in outdoor kitchen or a permanent BBQ pit at discounted price (\$200 off price).
- Left Handed Model.
- Skids (\$200 additional)
- Stainless steel racks (additional price)
- Talk to us about [customizing](#) ([../customize.html](#)) your Lang to your own needs.

## **Features of this model**

- Stick burner smoker cooker



- Two back to back cooking cylinders
- Deluxe warmer box with 3 racks
- Fixed prep area
- Front and back doors
- Wide body BBQ wagon
- Mobile trailer frame, with electric brake control
- (2) 15" Aluminum trailer tires
- An A frame tongue jack swivel steel caster
- Jumbo firebox with 4-way dampers

### **Standard Features on Lang BBQ Smokers ®**

- **Original Reverse Flow Design:** Stick burner smoker cooker heat baffle design with fire box. You can control the smoke and cook with clean heat.
- **Offset Firebox:** Uses wood, pellets, and charcoal according to your taste.
- **Strong All-Welded body:** Construction from 1/4" rolled steel is designed to maintain even cooking temperature for consistent, superb results. NO assembly required.
- **Handles:** 3/8" thick strongback design.
- **Sliding Upper Rack:** Upper rack in all models is sliding.
- **Cooking Racks:** Heavy mesh racks for level, even heat cooking, removable bottom racks and sliding upper racks.
- **Drip Pans:** 1/4" plate drip, grease pan, all welded 3 piece construction.
- **Grates:** Flat expanded metal grates, square tubing frames prevent warping.
- **Tires and Wheels:** All tires and wheels are heavy duty.

## **Shipping or Picking Up**

---

**Pick up** your new Lang BBQ Smokers® smoker cooker at our Georgia factory location. If you need shipping arrangements you can request a shipping quote.

### **Need a Shipping Quote?**

Pricing DOES NOT include F.O.B. (Freight on Board). Be informed before you buy, [click here for your FREE shipping quote \(../shipping\\_info.html\)](#). Smoker Cookers ships shrink wrapped on a small skid

### **All mobile trailed BBQ Smokers come with VIN and Title**

Make sure if you're in the market to purchase a BBQ Smoker you purchase from a reputable company that is certified to issue VIN's and Titles

## **Payment Information**

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Volume of sales has dictated a 3 to 6 week production lead time on orders all year round. A production lead time allows us to manage this volume and accommodate our customers.

### **Call or email for availability.**

Some models and sizes can be and are in stock at different times of the year. Most items however are built to order. Thank you for your understanding and consideration, we assure you a Lang BBQ Smoker is well worth the wait!

A 7% Georgia sales taxes due unless otherwise exempt. All items must be paid for prior to shipment. We accept Visa and Mastercard as well as checks sent to our P.O. Box 547 Nahunta, GA 31553.

### **Financing is available!**

[Click here \(../finance.html\)](#) to learn more.

## **Safety Tip**

Be sure to keep cookers away from the sides of structures, no closer than one foot. Use fire retardant materials every were you can or place "a stove pad type material" in the and around the fire box areas when near structures.

**Ready to order yours today?**



\* For list of qualified DLC fixture, please consult factory

2000 LUMENS	4000 LUMENS	5000 LUMENS	6000 LUMENS
18 WATT	36 WATT	49 WATT	60 WATT

The OW1IP-LED series is suitable for wet location areas and an energy-efficient solution for replacing wet location fluorescent fixtures. Common applications include parking garages, schools, industrial facilities, stairways, car washes, and many more locations.

### PRODUCT FEATURES:

- Fiberglass body are reinforced polyester and self-extinguishing (ASTM D635-74), this type of construction does not allow the body to flex during handling and installation
- The diffuser flange fits snugly into the gasketed retention U-slot forming a continuous seal
- Internal crepe pattern allows a smooth exterior surface for ease of cleaning
- Symmetrically hinged universal gear tray for trouble-free maintenance
- LED reflectors are painted with a 93% reflective white coat to improve fixture efficacy
- Rated at 85+ CRI and available in multiple CCTs
- Life tested to ensure light output up to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture

- Dimmable down to 5%-10% with compatible dimming systems
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Suitable for suspension by chain, cable, pendant and surface mounting
- Mounting bracket included for surface mount installation
- Integral molded-latch retention pockets securely lock in polycarbonate latches
- Stainless steel latches available upon request
- Same-day shipping on most options (Consult factory)
- UL and C-UL recognized
- NSF International - Splash Zone 2
- IP65 per IEC 60529 standard / IP67 per IEC 60529 standard

**OPTICS** - The frosted lens of the OW1IP-LED help deliver a volumetric light that helps fill an entire indoor space with light giving it a larger, brighter and more productive ambiance. The contoured high-impact resistance lens features molded linear ridges to diffuse the lamp image and minimize glare. Internal crepe lens pattern creates a smooth exterior surface for ease of cleaning but still diffuses the light delivered by the LED engine.

**DURABILITY** - The OW1IP-LED housing is made of a solid piece of reinforced fiberglass rated to ASTM D635-74 as self-extinguishing. Housing and lens connecting channel are sealed with a continuous En-Seal poured gasket to ensure conformity to all weathering standards. Lens is made from an impact resistant polycarbonate material to ensure LED light engines are safe from dust, moisture and/or accidental impact. IP65/IP67 and UL wet location ratings mean the OW1IP-LED is safe to use in locations where the fixture is regularly in contact with water.

**PERFORMANCE** - The OW1IP-LED powered lighting technologies offer a higher return on investment than any other lighting technology. The light engines found in the OW1IP-LED are rated at 85+ CRI and available in multiple CCTs: 3000K, 3500K, 4000K and 5000K. All LEDs and LED fixtures are rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3 step MacAdam ellipses to achieve consistent color from fixture to fixture.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the aluminum reflector which keeps the engines cool. Our advanced thermal management system allows the light output of the LED engines to be maintained at 70% of initial lumens at 50,000 hours of operation.

**DIMMING** - The HD1B-LED comes standard with 0-10V dimming on either 120 or 277V. Dimmable down to 5%-10% of initial lumens. Consult factory for dimmer compatibility.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

**MAINTENANCE** - LED engines and driver can be accessed through the bottom by removing diffuser latched door and clipped on reflector. LED engines are removable and upgradable even after fixture installation. Fixture can be regularly and safely wiped down to ensure optimal fixture performance. Rated for direct water contact per standards IP65/IP67.

**OPTIONS** - Fixtures can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. The Wattstopper - **MS-FM105** Super High Frequency Occupancy Sensor is a line voltage sensor that turns lighting on and off based on occupancy, and can hold lights off when sufficient daylight is available. Includes two stainless steel mounting brackets for surface, stem, suspended chain, aircraft cable, and other mounting options. Consult factory for details.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**WARRANTY** - Limited 5 Year Warranty\*

### Ordering Information: Example: 4-OW1IP-LED-4000L-DIM10-MVOLT-30K -85

SIZE	SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS		
4 - 4'	OW1IP-LED- Oracle LED Vapor Tight	4' FIXTURE 2000L - (2000 lumens) 4000L - (4000 lumens) 5000L - (5000 lumens) 6000L - (6000 lumens)	DIM10 - 0-10V Dimming	MVOLT 347* 480 * Consult factory for details	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	85	0-EMG-LED	OW1IPFL - Frosted Lens (Standard) OW1IPSR - Specular Reflector MS-FM105 - High Frequency Occupancy Sensor MSPH - Motion Sensor with Photocell WLMS - Wet Location Motion Sensor SSL - Stainless Steel Latches SSLTP - Stainless Steel Latches w/ Tamper Proof PCLTP - Poly. Latches w/ Tamper Proof Screws USA - Made in America Compliance		
WIRING OPTIONS										
PCSB120 - 10' Nema 5-15R 120V Straight Blade Plug					IPTL120 - 10' 120V IP Rated Twist lock Plug					
PCSB277 - 10' Nema 7-15R 277V Straight Blade Plug					IPTL277 - 10' 277V IP Rated Twist lock Plug					
PCTL120 - 10' Nema L5-15R 120V Twist Lock Plug					S01 - 10' 120V/277V SO Cord					
PCTL277 - 10' Nema L5-15R 277V Twist Lock Plug					S02 - 10' 480V SO Cord					
SUSPENDED MOUNTING										
GSS - Gripple Suspension System										
VH - V Hook										
CH - Heavy-duty Chain										



# PHOTOMETRY DATA

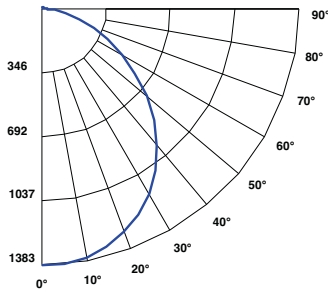
## 4-OW1IP-LED-4000L

WATTAGE: 36.4

LUMENS: 3985

TOTAL LUMINAIRE EFFICACY: 109

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.24  
90-270 : 1.22  
Diagonal : 1.34

EFFICACY: 109 LM/W

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1057.98	N.A.	26.60
0-40°	1714.69	N.A.	43.00
0-60°	2954.51	N.A.	74.10
0-90°	3831.43	N.A.	96.20
0-180°	3984.66	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	6459	6396	6533
55°	5710	5906	6286
65°	4904	5609	6335
75°	4234	5921	6592
85°	3823	7942	8604

### Candela Tabulation

	0	45	90
0	1383.224	1383.224	1383.224
5	1380.195	1382.526	1382.040
15	1328.715	1312.506	1301.931
25	1224.297	1192.338	1192.698
35	1063.107	1036.035	1044.387
45	849.393	841.131	859.176
55	609.138	630.018	670.590
65	385.452	440.874	497.916
75	203.787	285.021	317.304
85	61.974	128.727	139.464
90	23.643	79.470	89.379

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	RW	80%				70%				50%				30%				10%				0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	99	96	96
1	107	102	98	94	104	100	95	92	95	91	88	90	87	85	86	84	82	79	86	84	82	79	79
2	97	89	82	76	94	87	80	75	82	77	72	79	74	70	75	71	68	66	75	71	68	66	66
3	89	78	70	63	86	76	69	62	73	66	61	69	64	59	66	62	58	55	66	62	58	55	55
4	81	69	60	54	79	68	59	53	65	57	52	62	56	51	59	54	50	47	59	54	50	47	47
5	75	62	53	46	72	61	52	46	58	51	45	56	49	44	53	48	43	41	53	48	43	41	41
6	69	56	47	40	67	55	46	40	52	45	39	50	44	39	48	43	38	36	48	43	38	36	36
7	64	51	42	36	62	50	41	35	48	40	35	46	39	34	44	38	34	32	44	38	34	32	32
8	60	46	38	32	58	45	37	32	44	36	31	42	36	31	41	35	30	28	41	35	30	28	28
9	56	42	34	29	54	42	34	28	40	33	28	39	32	28	38	32	27	26	38	32	27	26	26
10	52	39	31	26	51	38	31	26	37	30	26	36	30	25	35	29	25	23	35	29	25	23	23

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

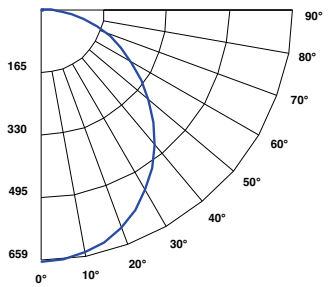
## 4-OW1IP-LED-2000L-DIM10-120-40K

WATTAGE: 18.2

LUMENS: 2045

TOTAL LUMINAIRE EFFICACY: 112

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.20  
90-270 : 1.28  
Diagonal : 1.34

EFFICACY: 112 LM/W

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	512.78	N.A.	25.10
0-40°	835.65	N.A.	40.90
0-60°	1460.26	N.A.	71.40
0-90°	1948.99	N.A.	95.30
0-180°	2044.75	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2844	3144	3422
55°	2520	2979	3423
65°	2197	2926	3596
75°	1873	3113	3965
85°	1686	4856	6351

### Candela Tabulation

	0	45	90
0	659.389	659.389	659.389
5	653.213	655.415	658.686
15	620.406	628.967	640.059
25	561.028	578.324	597.011
35	476.612	503.852	531.396
45	374.048	413.424	450.060
55	268.856	317.811	365.148
65	172.695	229.950	282.663
75	90.176	149.831	190.835
85	27.335	78.709	102.947
90	8.874	53.105	71.549

### Coefficients of Utilization - Zonal Cavity Method

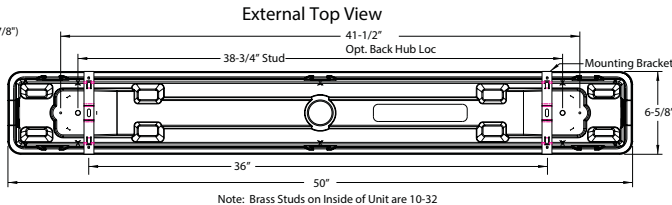
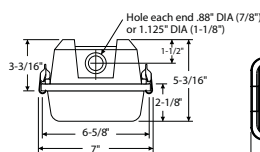
Effective Floor Cavity Reflectance 20% = PF

RC	RW	80%				70%				50%				30%				10%				0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	98	98	98	98	98	98	98	95	95
1	106	101	97	92	103	98	94	90	93	90	87	89	86	83	84	82	80	77	86	84	82	80	77
2	96	88	81	74	93	85	79	73	81	76	71	77	72	68	73	70	66	64	75	70	66	64	64
3	88	77	68	62	85	75	67	61	71	65	59	68	62	57	65	60	56	53	66	60	56	53	53
4	80	68	59	52	78	66	58	51	63	56	50	60	54	49	58	52	48	45	59	52	48	45	45
5	74	61	52	45	71	59	51	44	57	49	43	54	48	42	52	46	42	39	52	46	42	39	39
6	68	55	46	39	66	53	45	39	51	44	38	49	42	37	47	41	37	34	47	41	37	34	34
7	63	50	41	34	61	48	40	34	46	39	34	45	38	33	43	37	32	30	43	37	32	30	30
8	59	45	37	31	57	44	36	30	43	35	30	41	34	29	39	33	29	27	39	33	29	27	27
9	55	41	33	28	53	41	33	27	39	32	27	38	31	27	36	31	26	24	36	31	26	24	24
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	34	28	24	22	34	28	24	22	22

RC - Ceiling Cavity Reflectance

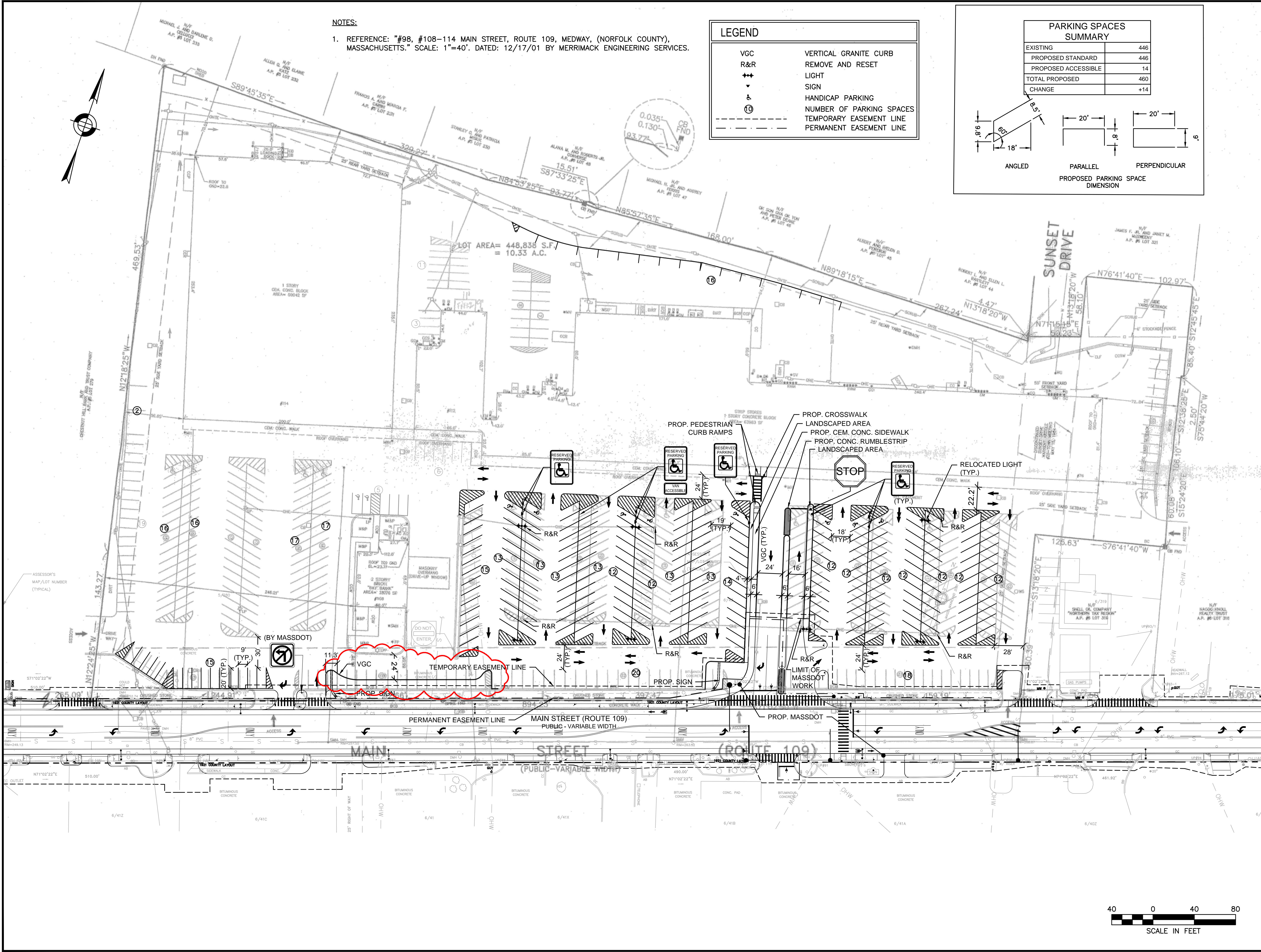
RW - Wall Reflectance

## 4' VAPOR TIGHT



\*Warranty is contingent on the correct application and installation of fixture.  
Maximum ambient temperature for the 2000L to 4000L models is 45C; 5000L to 6000L is 40C





NOTES:  
1. REFERENCE: "#98, #108-114 MAIN STREET, ROUTE 109, MEDWAY, (NORFOLK COUNTY), MASSACHUSETTS." SCALE: 1"=40'. DATED: 12/17/01 BY MERRIMACK ENGINEERING SERVICES.

LEGEND	
VGC	VERTICAL GRANITE CURB
R&R	REMOVE AND RESET
++	LIGHT
+	SIGN
Ⓜ	HANDICAP PARKING
⑩	NUMBER OF PARKING SPACES
---	TEMPORARY EASEMENT LINE
---	PERMANENT EASEMENT LINE

PARKING SPACES SUMMARY	
EXISTING	446
PROPOSED STANDARD	446
PROPOSED ACCESSIBLE	14
TOTAL PROPOSED	460
CHANGE	+14

8'6"

8'0"

18'

8'3"

ANGLED

20'

8'

20'

8'

PARALLEL

20'

8'

20'

8'

PERPENDICULAR

PROPOSED PARKING SPACE DIMENSION

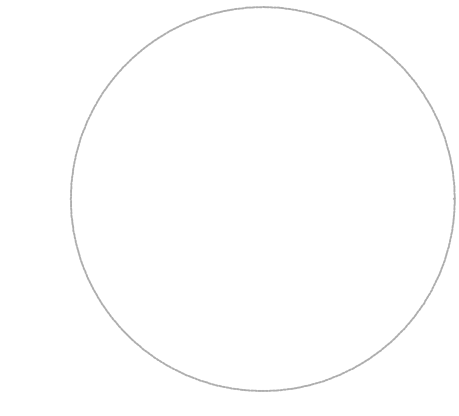
**HOWARD STEIN HUDSON**  
11 Beacon Street, Suite 1010  
Boston, MA 02108  
www.hshassoc.com

PREPARED FOR:

MEDWAY PLACE  
98, 108-114 MAIN STREET (ROUTE 109)  
MEDWAY, MA 02053  
NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION



PERMIT SET  
NOT FOR CONSTRUCTION

LAYOUT PLAN

DATE:	07/05/2017
PROJECT NUMBER:	14041
DESIGNED BY:	HH
DRAWN BY:	HH
CHECKED BY:	RL

C1.00

SHEET 1 OF 1

