

# Coastal Metal Service

Manufacturers of Quality Metal Roofing and Siding Products



[www.coastalmetalservice.com](http://www.coastalmetalservice.com)



# COASTAL METAL SERVICE

## *Manufacturers of Quality Metal Roofing & Siding Products*

Coastal Metal Service is a Quality Manufacturer of Metal Roofing & Siding Products since 1991 for use in Residential, Commercial / Industrial and Agricultural markets. We offer these products in Steel, Aluminum, and Copper.

Coastal Metal Service is a member of Beacon Roofing Supply, Inc. the largest publicly held distributor of residential and commercial building materials throughout

North America. Beacon consists of local roofing distributors that have been servicing their areas for up to 130 years. By working with these local distributors and their dealers Coastal Metal Service is able to combine the strength of Beacon with the experience and local service history of our sister companies to set ourselves apart from the competition in providing Quality and Strength with Familiarity.

Based in Goldsboro, North Carolina, Coastal Metal Service offers a wide variety of architectural / standing seam and exposed fastener panels in various metal gauges and colors. Custom panels and accessories are also available from CMS. Radius panels are included in the custom panel products we manufacture. We can produce box-style gutter products up to 20 feet long. CMS has two 21 foot Computerized Folding Machines that allow us to offer coping and special order trim products for your residential or commercial project.

### **Standard and Custom Trim**

A metal roof would not be complete without the finishing touch of Coastal Metal's trim products. Trim items provide a clean finished look to your roof while protecting your investment from the elements.

Our trim is produced on a state-of-the-art long folding machine in 10 foot lengths and can also be produced in special lengths up to 20 feet long.

At Coastal Metal Service, we understand the need to customize your project. Every job is unique, requiring standard or even custom trim. Send us your plans and our Take-Off Design Center can draw your trim to the architect's specifications and submit it for your approval.

Our trim department takes pride in producing a quality product out of the finest raw material available.

Our trim can be produced in:

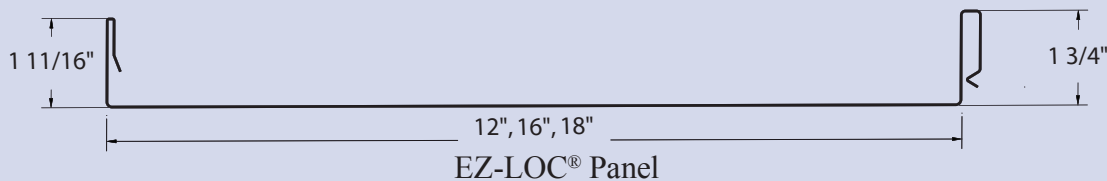
- 29 gauge painted and galvanized steel
- 26 gauge painted steel and Acrylume
- 24 gauge painted steel and Acrylume
- .032 painted aluminum
- 16oz copper (10' lengths only)



## Beacon Roofing Supply

# EZ-LOC® PANEL

A STRUCTURAL PANEL FOR COMMERCIAL/INDUSTRIAL AND RESIDENTIAL APPLICATIONS THAT PROVIDES SUPERB COVERAGE OVER OPEN PURLINS OR SOLID DECKING.



## Product Features

- EZ-LOC panels have a 1 3/4" high seam that interlocks with the adjacent panel and clips for fast, solid installation.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- Available in 24 gauge steel and .032 aluminum with 12, 16 or 18 inch coverage.
- Available in 16 oz copper with 14 1/4 inch coverage.
- Precision leveled in line with state-of-the-art Herr/Voss equipment to significantly reduce the effects of oil canning.
- All panels can be produced with or without striations. Striations help to reduce the effects of oil canning.
- The EZ-LOC® panel is available in all of our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel and selected aluminum paint colors.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- EZ-LOC® panels can be installed over open purlins spaced up to 48" inches on center or on solid decking.
- When solid decking is used, a water shedding membrane must be used. This membrane should be a minimum of 30 pound felt.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.

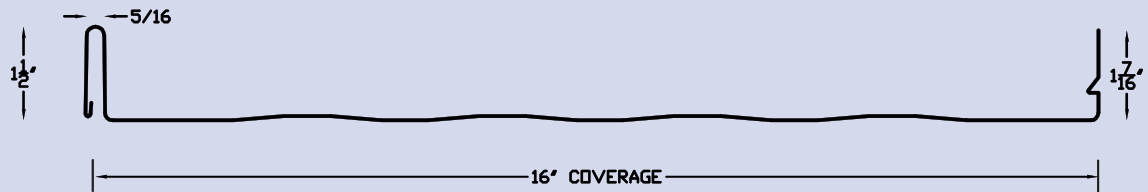
HYLAR 5000® is trademark of Ausimont USA.  
KYNAR 500® is trademark of Elf Atochem North America, Inc.



Class 90 and 60 as shown by construction No. 255  
Class 90 as shown by construction No. 303, 343, 436, 448, 486

# SS-150 PANEL

A SNAP LOCK PANEL IDEAL FOR RESIDENTIAL OR COMMERCIAL APPLICATIONS



SS-150 PANEL

## Product Features

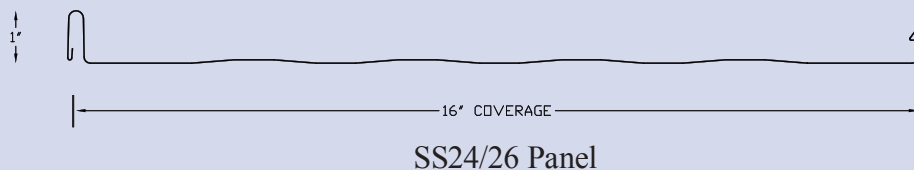
- SS-150 is a 1 1/2" standing seam snap lock panel.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 24 gauge steel with 16 inch coverage and in .032 Aluminum.
- SS-150 panels are produced with striations. Striations help reduce the effects of oil canning.
- The SS - 150 panel is available in our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel and selected aluminum paint colors.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- SS-150 panels must be installed over solid decking with a minimum 30 pound felt applied.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.

# SS 24/26<sup>®</sup>

A LOW PROFILE SNAP LOCK PANEL IDEAL FOR RESIDENTIAL OR COMMERCIAL APPLICATIONS.



## Product Features

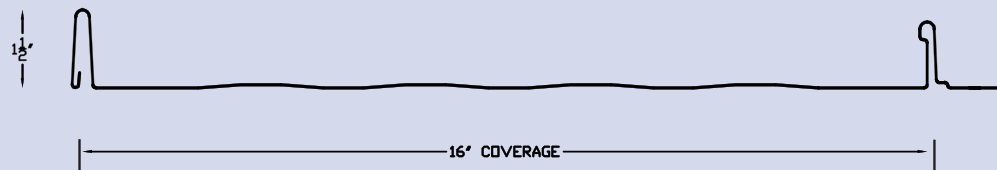
- SS24 and SS26 are a 1" high standing seam snap lock panel.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 24 gauge and 26 gauge steel with 16 inch coverage.
- All panels are produced with striations. Striations help to reduce the effects of oil canning.
- The SS24 is available in our unique Color Loc<sup>®</sup> Kynar 500<sup>®</sup>/Hylar 5000<sup>®</sup> painted 24 gauge steel. SS26 is offered in our Siliconized Polyester painted 26 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- SS24 and SS26 panels must be installed over solid decking with a minimum 30 pound felt applied..
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.

# NCR-150 PANEL

A SNAP LOCK PANEL FOR RESIDENTIAL OR COMMERCIAL APPLICATIONS.  
NO CLIPS ARE REQUIRED TO INSTALL THIS VERSATILE PANEL.



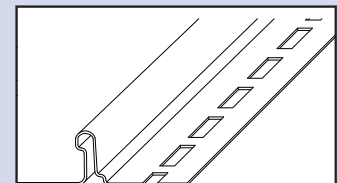
NCR - 150 PANEL

## Product Features

- NCR-150 is a 1 1/2" standing seam snap lock panel.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 24 gauge steel with 16" coverage.
- Panels are produced with striations. Striations help reduce the effects of oil canning.
- The NCR-150 panel is available in our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

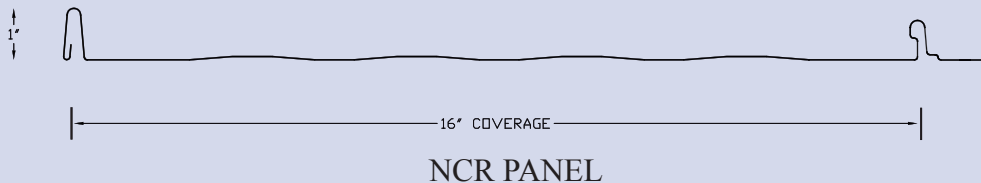
## Installation

- NCR-150 panels must be installed over solid decking with a minimum 30 pound felt applied.
- Recommended minimum slope is 2 1/2" in 12 inches.
- NCR-150 panels do not require the use of clips to fasten to the deck. Slots in the panel allow for the use of pan head screws for attachment.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.



# NCR PANEL

A LOW PROFILE SNAP LOCK PANEL FOR RESIDENTIAL OR COMMERCIAL APPLICATIONS. NO CLIPS ARE REQUIRED TO INSTALL THIS VERSATILE PANEL.

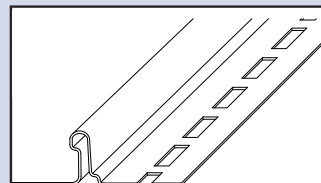


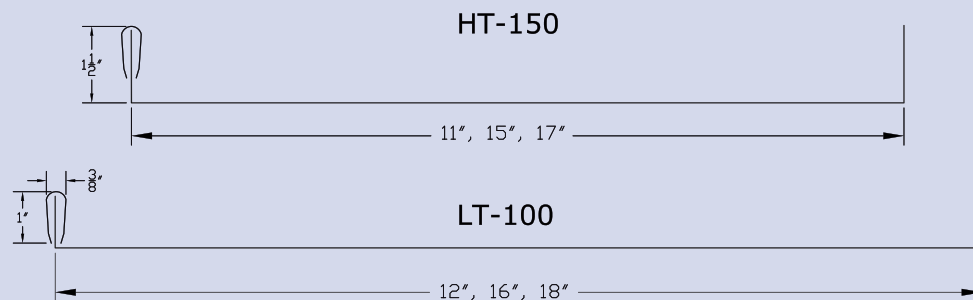
## Product Features

- NCR panels are a 1" high standing seam snap loc panel.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 24 gauge and 26 gauge steel with 16" coverage.
- All panels are produced with striations. Striations help to reduce the effects of oil canning.
- The NCR panel is available in our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel. The NCR panel is also offered in our Siliconized Polyester painted 26 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- NCR panels must be installed over solid decking with a minimum 30 pound felt applied.
- Recommended minimum slope is 2 1/2" in 12 inches.
- NCR panels do not require the use of clips to fasten to the deck. Slots in the panel allow for the use of pan head screws for attachment.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.





## Product Features

- LT-100® panels have a 1" high batten. It is available in 24 gauge steel and .032 aluminum with 12, 16 or 18 inch coverage.
- HT-150® panels have a 1 1/2" high batten. It is available in 24 gauge steel and .032 aluminum with 11, 15 or 17 inch coverage.
- Precision leveled in line with state-of-the art Herr/Voss equipment to significantly reduce the effects of oil canning in flat pan panels.
- All panels can be produced with or without striations. Striations help to reduce the effects of oil canning.
- Custom cut to the inch in lengths from four (4) to forty (40) feet. For panels over forty (40) feet in length, please call Coastal Metal Service.
- LT-100® and HT-150® panels are available in our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel and selected aluminum paint colors.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- LT-100® and HT-150® panels are water shedding panels and must be installed over solid decking with a minimum of 30 pound felt applied.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.

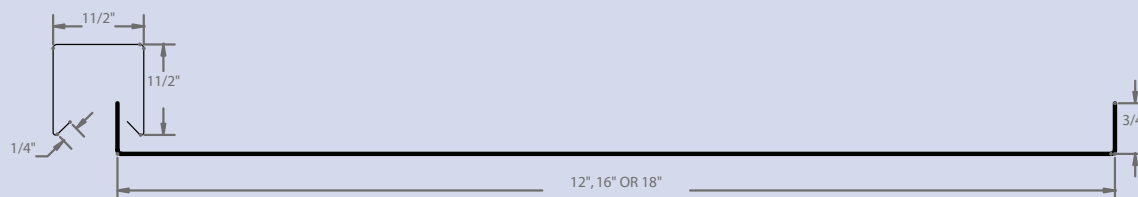
## Radius Panels

- LT-100® can be produced in both; concave or convex directions. A waterproof membrane must be used to achieve water tightness. Additional crating charges may be required for radius panels.



# CLASSIC BATTEN®

REMINISCENT OF ORIGINAL BOARD AND BATTEN STANDING SEAM SYSTEM  
FIRST USED IN THE MIDDLE AGES.



CLASSIC BATTEN

## Product Features

- CLASSIC BATTEN® features a 1 1/2" high by 1 1/2" wide batten.
- Available in 24 gauge steel and .032 aluminum with 12, 16 and 18 inch coverage.
- Custom cut to the inch in lengths from four (4) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- All panels can be produced with or without striations. Striations help to reduce the effects of oil canning.
- CLASSIC BATTEN® panels are available in our unique COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel and selected aluminum paint colors.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

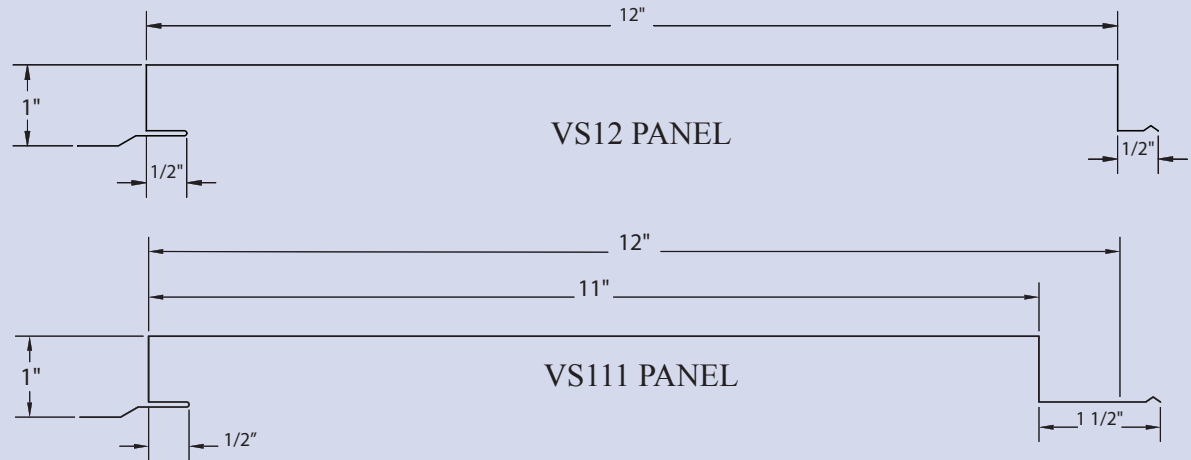
## Installation

- CLASSIC BATTEN® is a water shedding panel and must be installed over solid decking with a minimum of 30 pound felt applied.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Oil canning is not considered a cause for rejecting the panels.



# VS12 & VS111

SOLID OR VENTED SOFFIT PANELS IN  
TWO PROFILES: FLUSH VS12 OR VS111  
1" REVEAL PANEL  
THIS IS ALSO A GREAT ALTERNATIVE  
VERTICAL WALL PANEL.



## Product Features

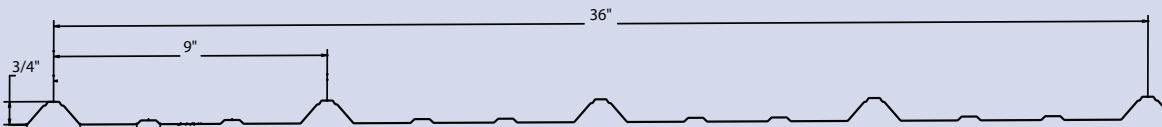
- VS12 and VS111 panels have a 12" coverage and are used for vertical wall or soffit panels and are not to be used as roof panels. They are produced in two profiles, flush panel and 1" revealed panel, with or without perforations.
- Each lineal foot of perforation offers 3 1/2" net free air flow.
- Custom cut to the inch in lengths from three (3) to forty (40) feet for solid panels and custom cut to the inch in lengths from four (4) to forty (40) feet for perforated panels.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- All panels can be produced with or without striations. Striations help to reduce the effects of oil canning.
- VS12 and VS111 are available in our Color Loc® Kynar 500®/Hylar 5000® painted 24 gauge steel. VS12 and VS111 are also offered in our Siliconized Polyester painted 26 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- Soffit panels can be installed over open purlins spaced up to 48 inches on center.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- Your order can be ready for shipment in a week to ten (10) days.
- Oil canning is not considered a cause for rejecting the panels.

# RIB LOC®

MOST RECOGNIZABLE RIB STRUCTURE ON THE MARKET TODAY. A THROUGH-THE-SHEET FASTENED PANEL FEATURING BOTH STRENGTH AND EASY INSTALLATION.



RIB LOC® PANEL

## Product Features

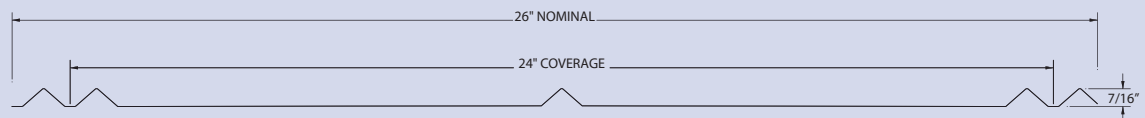
- RIB LOC® panels have single 3/4" high ribs on nine (9) inch centers with intermediate stiffening ribs.
- For use in commercial/industrial, residential and agricultural applications as roofing, mansards, fascia, siding, and equipment screens.
- Custom cut to the inch in lengths from three (3) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 29 gauge ASTM A653 GRADE 80 G-90 galvanized, 26 gauge ASTM A653 GRADE 50 acrylume, 29 gauge ASTM A653 GRADE 80 painted and 26 gauge ASTM A653 GRADE 50 painted.
- RIB LOC® is offered in our Siliconized Polyester painted 26 gauge and 29 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- RIB LOC® panels can be installed over open purlins spaced up to 24 inches on center or on solid decking.
- When solid decking is used, a water shedding membrane must be installed. This should be a minimum of 30 pound felt.
- If end laps are required, add 6 inches to panel length.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- RIB LOC® panels are screwed to your structure and should be installed adjacent to the rib in the flat pans of the panel.

# 5V PANELS

THIS IS A TIMELESS CLASSIC, SHOWING NO SIGN OF DIMINISHING POPULARITY OR DEMAND, A BASIC THROUGH-THE-SHEET FASTENED PANEL



5V PANEL

## Product Features

- 5V has 7/16" high ribs on 12 inch centers.
- For use in commercial/industrial, residential and agricultural applications as roofing, mansards, fascia, siding, and equipment screens.
- Custom cut to the inch in lengths from three (3) to twenty-one (21) feet.
- For panels over twenty-one (21) feet in length, please call Coastal Metal Service.
- Available in 29 gauge ASTM A653 GRADE 80 G-90 galvanized, 26 gauge ASTM A653 GRADE 50 acrylume, 24 gauge ASTM A792-99 GRADE 50 AZ 55 acrylume, 29 gauge ASTM A653 GRADE 80 painted, 26 gauge ASTM A653 GRADE 50 painted, and 24 gauge ASTM A792-99 GRADE 50 painted.
- 5V is available in our COLOR LOC® Kynar 500®/Hylar 5000® painted 24 gauge steel. 5V is also offered in our Siliconized Polyester painted 26 gauge and 29 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

## Installation

- 5V panels can be installed over open purlins spaced up to 24 inches on center or on solid decking.
- When solid decking is used, a water shedding membrane must be installed. This membrane should be a minimum of 30 pound felt.
- If end laps are required, add 6 inches to panel length.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- 5V panels are screwed to your structure and should be installed adjacent to the rib in the flat pans of the panel.

# DRI LOC®

BEAUTIFUL, DURABLE THROUGH-THE-SHEET FASTENED PANEL WITH A PROFILE THAT PRODUCES EXCITING SHADOW LINES ON YOUR BUILDING.



## DRI LOC® PANEL

### Product Features

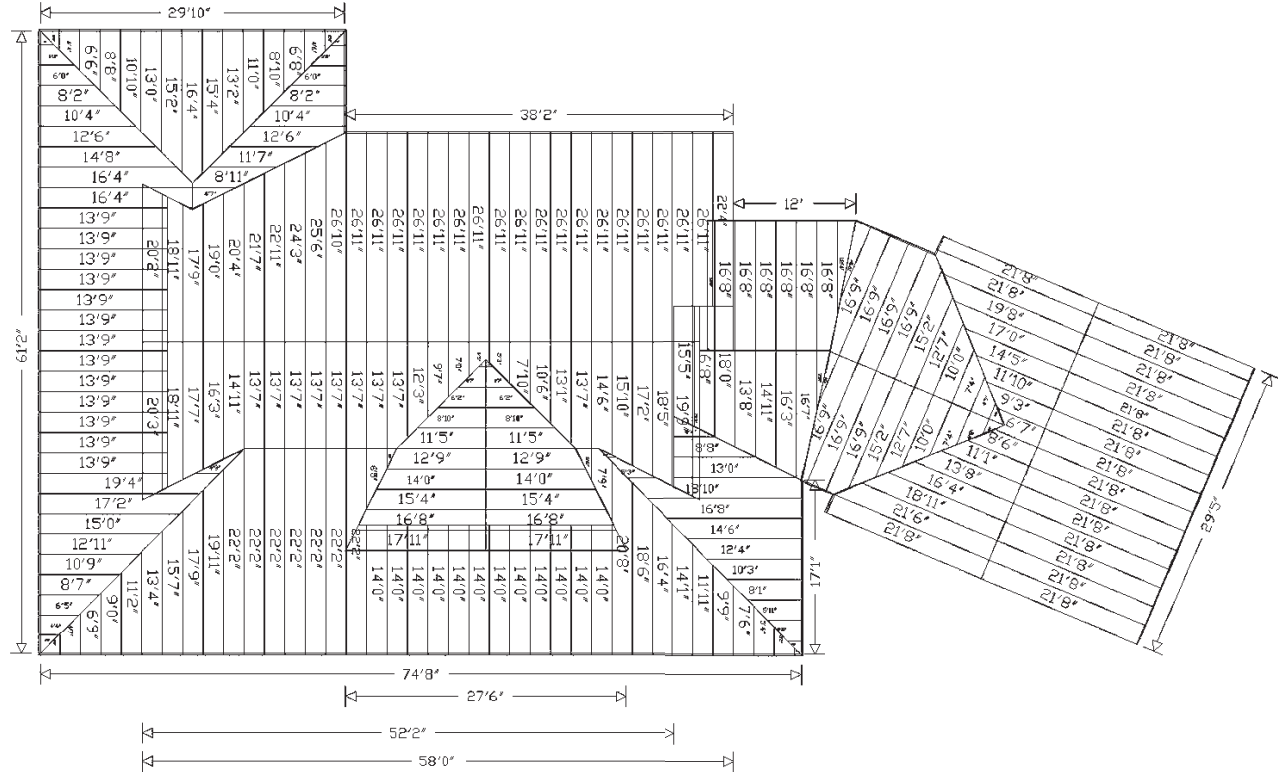
- DRI LOC® panels have two (2) 7/16" high ribs on nine (9) inch centers with intermediate stiffening ribs.
- For use in commercial/industrial, residential and agricultural applications as roofing, mansards, fascia, siding, and equipment screens.
- Custom cut to the inch in lengths from three (3) to forty (40) feet.
- For panels over forty (40) feet in length, please call Coastal Metal Service.
- Available in 29 gauge ASTM A653 GRADE 80 G-90 galvanized and 29 gauge ASTM A653 GRADE 80 painted.
- DRI LOC® is also offered in our Siliconized Polyester painted 29 gauge steel.
- A full line of standard or custom trim items are available in matching or contrasting colors.
- Warranties up to 40 years

### Installation

- DRI LOC® panels can be installed over open purlins spaced up to 24 inches on center or on solid decking.
- When solid decking is used, a water shedding membrane must be installed. This membrane should be a minimum of 30 pound felt.
- If end laps are required, add 6 inches to panel length.
- Recommended minimum slope is 2 1/2" in 12 inches.
- Consult your Architect or Engineer for local building codes and/or restrictions.
- DRI LOC® panels are screwed to your structure and should be installed adjacent to the rib in the flat pans of the panel.



# CMS TAKE-OFF DESIGN CENTER



Project Filename: D0322-03-06-A508-0M  
 Project:  
 Drawn By:

TAKE-OFF DESIGN CENTER  
 1602 HWY 117 N. BYPASS  
 P.O. BOX 128  
 GOLDSBORO, NC 27533  
 1-888-267-6153

Material: 5V 26 GA ACRYLUME  
 Date: 03-21-06  
 Distributor: BEST OF ASHEVILLE

THE TAKE-OFF DESIGN CENTER IS DEDICATED TO MAKING JOB ESTIMATING A SMOOTH AND SUCCESSFUL PROCESS. WE WILL PUT TOGETHER A COMPREHENSIVE PACKAGE THAT WILL TAKE YOU FROM START TO FINISH.

**CMS WILL PROVIDE:**

- AN ITEMIZED MATERIAL LIST
- A DETAILED PANEL LAYOUT DRAWING
- SPECIAL TRIM DRAWINGS
- AN ITEMIZED COST OF YOUR PROJECT
- TECHNICAL SUPPORT THROUGHOUT THE PROCESS

**SEND US YOUR PLANS!**

SALES@COASTALMETALSERVICE.COM

1602 HWY 117 BYPASS N. GOLDSBORO, NC. 27533

# NOTES

## INSTALLATION

- A minimum slope of 2 1/2 in 12 inch is required for all roofing panels.
- Flashings must lap a minimum of 6". Lap flashings shingle-style to shed water.
- Use touch-up paint pen to repair scratches on panels.
- When panels are installed over a solid deck, a minimum of 30 lb. felt is required underneath.
- If the roof deck is uneven, not symmetrical, or in otherwise unsatisfactory condition, the panels will simply reflect those imperfections.
- Before starting installation, inspect the roof deck or structure to which the panels are being applied. Do not begin installation of metal panels if the substrate is not in satisfactory condition.
- Strippable film must be removed in a timely manner once the material is on the job. It is easy to remove when you receive the material, but if it is left on the material for a period of time, it becomes very difficult to remove. The amount of time varies widely with storage and weather conditions.
- Do not allow metal panels or trim to come in contact with ACQ pressure treated lumber. You must use a barrier between them to avoid corrosion of the metal. Do not allow run-off from a pressure treated deck to come in contact with metal.

## STORAGE

- When storing exposed fastener panels, they must be elevated above the ground and on an incline. This will allow any incidental moisture to run off of the sheets. They should be covered with a tarpaulin. Air must be able to circulate around the material.
- Failure to properly store exposed fastener panels can result in "WHITE RUST" storage stain.
- Coastal Metal Service shall not be responsible for any product which displays "WHITE RUST" storage stain unless delivery documents clearly state the presence of white rust at the time of delivery.

## HIGH WIND ZONE COMPLIANCE

- Coastal Metal Service panels will meet HIGH WIND ZONE REQUIREMENTS established for your project by local Building Codes. Additional fasteners may be required over our recommended fastener pattern as determined by your Architect or Engineer to meet your local wind zone requirements.
- Striations are available on all CMS architectural panels and are recommended, especially on longer panels, to reduce oil-canning. Please see the graphics below to review the striations.



NCR PANEL

# BUILDING GREEN WITH CMS



*Many builders, homeowners and architects are interested in having a “Green” and energy efficient building. Coastal Metal Service offers many options to achieve a sustainable, durable and cool roof alternative.*

*CMS offers Cool Color paint selections that are Energy Star rated and can help to achieve LEED credits.*

## What Makes A Metal Roof Green?

### Cool Metal Roofing is Highly Reflective

Metal roofing meets the EPA Energy Star Roof Products Program performance criteria. Metal roofing is also eligible for other cool roof incentive programs.

### Energy Efficient

Reports from the Oak Ridge National Laboratory have shown that reflective metal roofs directly save up to 40% annually in heating and cooling costs.

### Sustainable

Metal roofs typically have a minimum recycled content of 25%. It lasts much longer than most non-metal roofing products. It is 100% recyclable at the end of its useful life.

### Low Life-Cycle Costs and Durable

Metal roofing has been proven to be more durable than most other roofing systems available. Metal roofs are documented to resist wind, hail, fire, and earthquakes. As a result, metal roofing has low life-cycle costs making it the choice of many school, government, commercial, industrial and institutional building owners.

### Fire and Wind Resistant

Metal roofing is extremely fire resistant and can be designed to withstand strong winds.

### Lightweight

Due to its light weight per unit area, structural savings can be realized in a building when compared to using heavier non-metal roofing alternatives. For re-roofing projects, metal roofing can often be applied over the original roof, saving removal and disposal costs.

### Emissivity

The infrared emittance of a roof is a measure of absorbed solar radiation that is reemitted from the roof surface to the sky. Emittance of metal roofing varies with the surface finish. Emittance of painted metal roofing can be as high as 90 percent. Where annual cooling loads dominate, a highly reflective and highly emissive painted metal roof is optimal for reducing energy consumption. Where annual heating loads dominate, an unpainted metal roof is more desirable because of its low infrared emittance.



## COASTAL METAL SERVICE

1602 HWY 117 N BYPASS • GOLDSBORO, NC. 27533  
TOLL FREE 888-267-6153 • PHONE 919-739-6153 • FAX 919-705-1097  
sales@coastalmetalservice.com  
www.coastalmetalservice.com

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