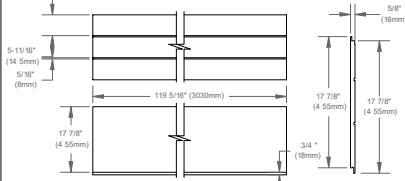


# Nichiha Dimensional Series AWP-3030 Ribbed 17 7/8" (H) x 119 5/16" (L) Installed Horizontal:

**Basics of the AWP-3030 System:**  
Nichiha AWP-3030 dimensions are 4' 5 5/8" (H) x 3,500 mm (L) x 16 mm (T). It is important to keep in mind the actual metric dimensions when considering panel layout, placement of control and compression joints, and with respect to sizing window and door openings. Approximate interval dimensions are 17 7/8" (H) x 119 5/16" (L) x 5/8" (T).

AWP-3030 edges are ship-lapped on the top and bottom and a factory sealant gasket is included on the top edge, providing a factory seal on all horizontal joints. AWP attachment hardware engages the top and bottom panel edges, holding the panels off the substrate surface by 10 mm (3/8") and creating a raised-panel, drained-back-ventilated rainscreen system with concealed fastening. When accounting for the overall thickness of the AWP system, add this 10 mm plus the thickness of the panel (16mm) for total system thickness of 26 mm.

AWP-3030 may be installed horizontally or vertically. See installation guide for AWP-3030 - Vertical



**Framing and Sheathing Requirements:**  
Prior to Nichiha installation, closely inspect exterior wall substrate and correct any problems. Walls that are out of plumb, for example, can negatively impact the installation quality of AWP. Nichiha Spacer may be used in conjunction with panel attachment hardware if necessary to ensure an even substrate.

Nichiha AWP cladding may be installed on wood or steel framing, concrete/masonry with furring, Structural Insulating Panels (SIP), and pre-engineered metal buildings (PEMB) meeting the following requirements:

**Concrete/Masonry:**  
Furring is required for installation of AWP over concrete and masonry structures.

**Wood Framing:** Pressure-treated lumber 2x4 oriented vertically, spaced 16\"/>

**Weather Resistive Barriers:**  
A weather resistive barrier (WRB) is required when installing Nichiha panels over stud walls and SIPs. For PEMB and CMU/concrete wall applications, refer to local code. Use an approved WRB as defined by the 2015 IRC.

A breathable WRB is required for all commercial applications. However, a fluid applied WRB is acceptable.

All openings must have appropriate flashing to prevent moisture penetration. Follow manufacturer's guidelines and all local building codes.

**Fasteners All Applications:**  
Fasteners must be corrosion resistant. Stainless steel or corrosion resistant screws such as hot-dipped zinc or ceramic coated are recommended. Conforms with all local building codes for fastener requirements.

Number 10-16 (per-head screws (HD 3057) were used as clip fasteners for AWP wind load testing. The minimum size for clip fasteners is #8.

Rails or flat head screws are appropriate for face fastening locations.

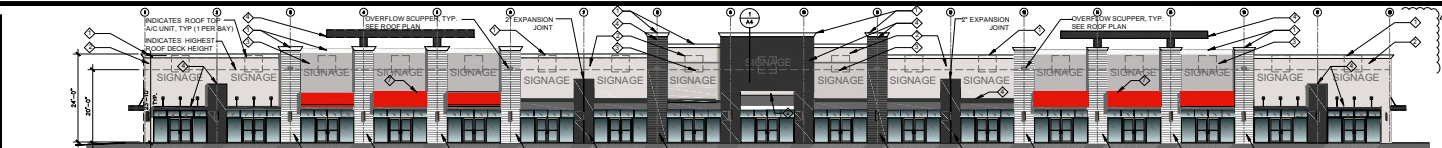
**Exposure Category C Areas:**  
Windstorm style installations up to three panel courses are acceptable in Exposure Category C areas without additional requirements.

For installations taller than (3) courses, contact Nichiha technical department for assistance.

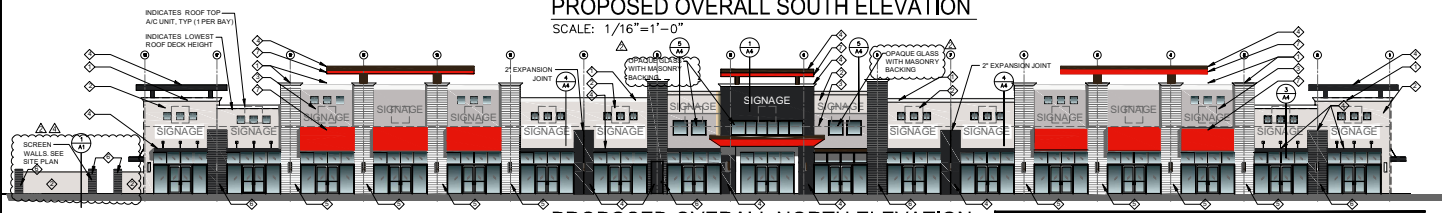
**Product Inspection:**  
Inspect all products thoroughly prior to installation. Do not install any product which may have been damaged in shipment or appears to have a damaged or irregular finish. Should you have a question or problem with your order, contact your local dealer or Nichiha Customer Service, toll free, at 1-888-424-4421.

**Storage and Handling:**  
Panels must be stored flat and kept dry before installation. Refer to storage information included on product pallets. If panels are exposed to water or water vapor prior to installation, allow to completely dry before installing.

Panels MUST be carried by edge. Do not carry or lift panels flat. Improper handling may cause cracking or panel damage. Direct contact between the panels and the ground must be avoided at all times. It is necessary to keep panels clean during installation process.



PROPOSED OVERALL SOUTH ELEVATION  
SCALE: 1/16"=1'-0"



PROPOSED OVERALL NORTH ELEVATION  
SCALE: 1/16"=1'-0"

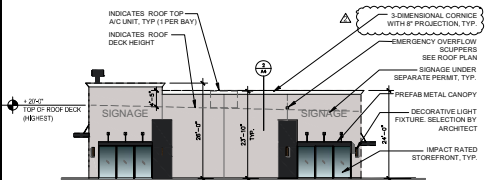
## NORTH ELEVATION GLASS AREA CALCULATION:

OVERALL WALL AREA: 9,575 SF  
PERCENTAGE OF GLASS PROVIDED: 2,958 SF (30.9%)

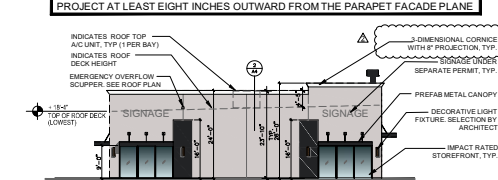
### EXTERIOR PAINT/ FINISH SCHEDULE:

- ◆ SHERWIN WILLIAMS 7100 Arcade White
- ◆ SHERWIN WILLIAMS 6273 Nouvelle White
- ◆ SHERWIN WILLIAMS 6274 Destiny
- ◆ SHERWIN WILLIAMS 6258 Black Magic
- ◆ FIBER CEMENT ARCHITECTURAL PANELS BY NICHHA DIMENSIONAL SERIES, AWP3030 RIBBED, IVORY
- ◆ FIBER CEMENT ARCHITECTURAL PANELS BY NICHHA DIMENSIONAL SERIES, AWP3030 RIBBED, INDIGO
- ◆ RED TO MATCH RACETRACK RED SPECIFICATIONS

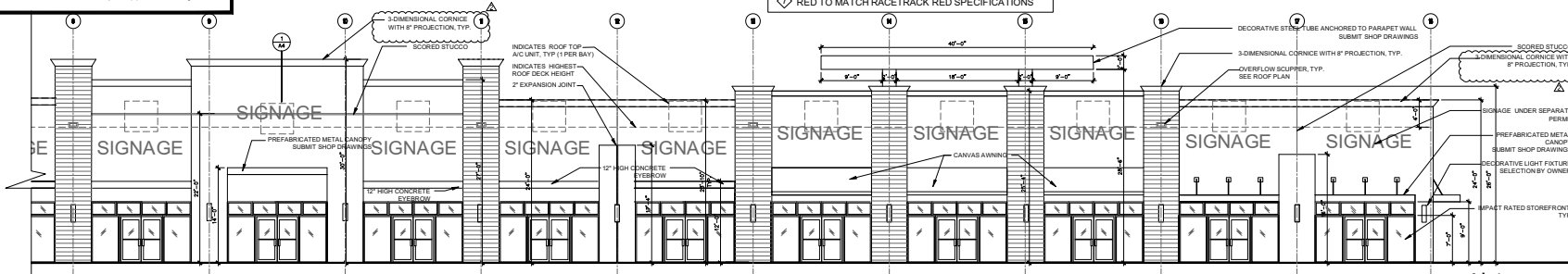
**NOTE:**  
1. ALL FLAT ROOFS ON BUILDINGS ARE CONCEALED BY PARAPET WALLS THAT EXTEND OVER THREE FEET ABOVE THE ROOF LEVEL.  
2. ALL PARAPET WALLS HAVE THREE-DIMENSIONAL CORNICE TREATMENTS THAT PROJECT AT LEAST EIGHT INCHES OUTWARD FROM THE PARAPET FACADE PLANE



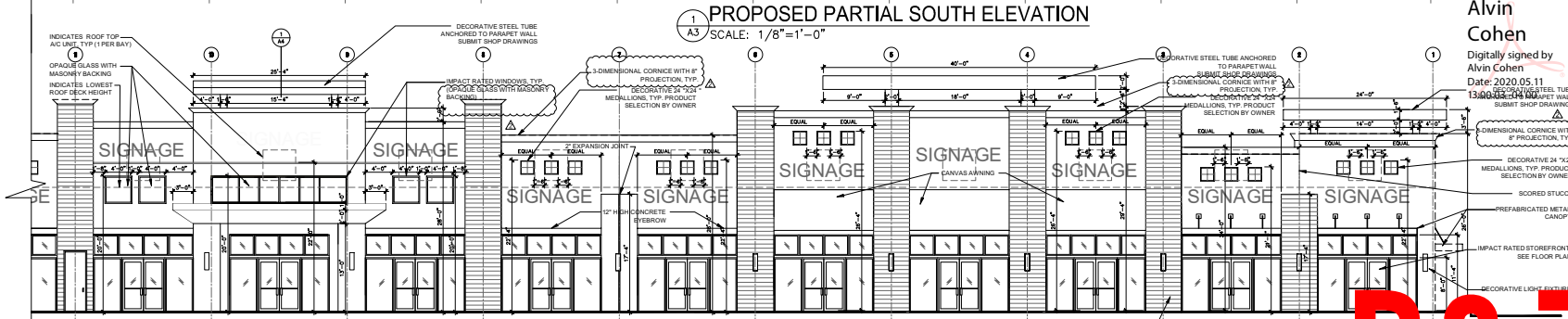
PROPOSED WEST ELEVATION  
SCALE: 1/16"=1'-0"



PROPOSED EAST ELEVATION  
SCALE: 1/16"=1'-0"



PROPOSED PARTIAL SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



PROPOSED PARTIAL NORTH ELEVATION  
SCALE: 1/8"=1'-0"

Alvin Cohen  
Digitally signed by Alvin Cohen  
Date: 2020.05.11 13:00:00 -0400

1304000016-01  
SUBMIT SHOP DRAWINGS

DATE: 2020.05.11  
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SUBMIT SHOP DRAWINGS



revision	date
1.DRC Comm	9-26-19
2.DRC Comm	11-20-19
3.DRC Comm	3-31-20
4. Revision	5-11-20

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Florida 33446  
305(299)-7843 email: arcassoc@hotmail.com

**PROPOSED BUILDING FOR:**  
**FESTIVAL MARKETPLACE**  
SHOPPING CENTER  
2900 WEST SAMPLE ROAD  
POMPANO BEACH, FLORIDA 33069

5681  
Alvin Jay Cohen, R.A.  
FL Reg # AR7051

sheet description  
ELEVATIONS

drawn by  
BC

checked by  
AJC

job number

scale

date  
3-25-20

**P&Z**

PZ19-12000016

10/28/2020