City of Batavia
Community Development Department
100 North Island Avenue
Batavia IL 60510
Phone (630) 454-2700
Fax (630) 454-2775

Application for Certificate of Appropriateness

Property Address 227-229 W. Wilson

Property Identification Number 1222178009
Existing/Proposed Zoning Ordinances ___Yes ___No
Zoning DMU

Submittal Date 9 / 7 / 2016

Owner's Name Hot Pan LLC/Daisy Slaboszewski
Phone Number 815 666 8137
Mobile Number 815 666-8137
E-Mail slabdaisy@yahoo.com

Project Description :

Remove Brick siding and Damaged Cedar Trim from front wall of Building. Install 5¼" Fiber-Cement Lap siding with 4" Reveal in its place. Replace Damaged aluminum soffit and Paint New siding and existing Siding

Applicant's Name Daisy Slaboszewski
Applicant Address 109 Ridge Rd, Shorewood
Phone Number 815 256-6088
Mobile Number 815 666-8137
E-Mail slabdaisy@yahoo.com

Applicant Signature Daisy H Slaboszewski

Owner Signature Daisy H Slaboszewski

TYPE OF WORK
(Check All That Apply)

☒ **Exterior Alteration/Repair**

☐ **New Construction**
- ☒ Primary Structure
- ☐ Addition
- ☐ Garage/Outbuilding
- ☐ Other_____

☐ **Demolition**
- ☐ Whole Primary Structure
- ☐ Part Primary Structure
- ☐ Garage/outbuilding

☐ **Relocation of Building**

Additional Information to be Submitted with Application – Digital Format If Available

☐ **Exterior Alteration/Repair**
- ☐ Architectural Feature (Decorative Ornamentation)
- ☐ Awning or Canopy
- ☐ Deck
- ☐ Door
- ☐ Fence
- ☐ Gutters
- ☒ Light Fixture
- ☐ Mechanical System Units
- ☐ Masonry Cleaning, Repointing, Painting
- ☒ Material Change (wood, brick, etc)
- ☒ Painting (paint removal etc)
- ☐ Paving (Parking Lot, Driveways, Landscaping)
- ☐ Photographs of building(s)
- ☐ Porch – Maintenance and Minor Repair
- ☐ Porch – Major Repair and Reconstruction
- ☐ Retaining Walls
- ☐ Roof (Change in Shape, Features, Materials)
- ☐ Satellite Dish
- ☐ Security Doors or Windows
- ☐ Sidewalks
- ☐ Shutters
- ☒ Siding
- ☐ Signs
- ☐ Solar Collectors
- ☐ Storm Doors or Windows
- ☐ Windows, Skylights
- ☐ Others _____

Attach a detailed description of all work to be done for each item. Include the following materials where appropriate and check appropriate box if included

☒ A. Drawings, photographs, specifications, manufacturer's illustrations or other description of proposed changes to the building's exterior, to-scale drawings with dimensions will be required for major changes in design (e.g., roofs, facades, porches, and other prominent architectural features)

☐ B. If application is for any feature not on the primary structure, include a site plan. A site plan will not be required if there is no change to the existing structure or any proposed new structure.

☒ C. If changes to building materials are proposed, include samples.

☐ **New Construction/Additions**

Include the following materials where appropriate and check appropriate box if included.

☐ For primary structure, outbuilding or addition:

- ☐ 1. Fully dimensioned site plan
- ☐ 2. Elevation drawings of each façade with dimensions and specifications
- ☐ 3. Drawings, photographs, samples and manufacturer's illustrations

☐ Drawings or other descriptions of site improvements, e.g., fences sidewalks, lighting, pavements, decks.

☐ **Structure Demolition**

1. Photographic evidence supporting the reason for demolition
2. Describe the proposed reuse of the site, including drawings of any proposed new structure
3. If economic hardship is claimed, include evidence that hardship exists (Criteria set forth in Section 7-2 of Title 12)

☐ **Structure Relocation**

1. Explain what will be moved, where and why.
2. If a structure will be moved into the district from outside, include photographs.
3. Include a site plan showing proposed location of the structure on the new parcel. Describe any site features that may be altered or disturbed (e.g., foundations, walls)

THIS FORM IS NOT A BUILDING PERMIT APPLICATION

FOR OFFICE USE ONLY BELOW

Property is: **Significant** **Contributing** **Non-Contributing**

Signature of Historic Preservation Commission Chair

Date of Commission Review

City Council Action: **Date**_____ **Vote Record** _____ **Not Applicable**_____

Conditions: YES*/ NO

*See Attachment

The Batavia Historic Preservation Commission, or its authorized agent, has reviewed the proposed work and has determined that it is in accordance with the applicable criteria set forth in Section 6-2 of Title 12 of the Code of the City of Batavia. Accordingly, this Certificate of Appropriateness is issued.

Any change in the proposed work after issuance of this Certificate of Appropriateness shall require inspection by Commission staff to determine whether the work is still in substantial compliance with the Certificate of Appropriateness.

This certificate is not a permit, does not authorize work to begin, does not ensure building code compliance, and does not imply that any zoning review has taken place.

Scope of work:

1. Remove ½" brick siding and install Fiber Cement lap siding in its place (manufacturers data attached)
2. Repair Sagging Copper over-hang in accordance with inspection and approval by City of Batavia CBO, Replace aluminum Soffit beneath with same material. Replace two exterior Ceiling Light fixtures with Proposed fixtures (Attachment)
3. Paint building's exterior in accordance with material and color samples included

Color Chart:

Feldspar - New 4" reveal
Fiber-Cement Siding
Hot Pan
Caramel Kiss
all scale siding
above Roof line
Feld spar - New 4" reveal
Fiber-Cement siding
Afternoon Tea - Trim
Verticle trim at corners
and around windows
and doors
Bourbon - all scale
siding Below Roof line
Cedar Chest - doors

Brimfield 2-Light Aged Iron Outdoor Flushmount Light to replace existing overhang lights

Dimensions

Maximum Hanging Length (in.)	0	Product Length (in.)	11
Product Depth (in.)	11	Product Width (in.)	11
Product Height (in.)	5.5		

Details

Bulb Type Included	Incandescent,No Bulbs Included	Outdoor Lighting Features	Weather Resistant
Exterior Lighting Accessory Type	Hanging/Ceiling Mount Light	Power Type	Hardwired
Exterior Lighting Product Type	Flush Mounted	Product Style	Cottage
Fixture Color/Finish	Aged Iron	Product Weight (lb.)	2.1 lb
Glass/Lens Type	Seedy	Returnable	90-Day
Maximum Wattage (watts)	0	Style	Classic
Motion Sensor	No	UL Listing	1-UL Listed
Number of Bulbs Required	2	Wattage (watts)	60 W

ICC-ES Evaluation Report

ESR-1381

Renewed September 1, 2013

This report is subject to renewal November 1, 2015.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 44 00—Faced Panels
Section: 07 46 00—Siding

REPORT HOLDER:

MEXALIT INDUSTRIAL, S.A. de C.V.
SEGUNDO ANILLO PERIFÉRICO 6625
COLONIA EJIDO EL PROGRESO 88123
NUEVO LAREDO, TAMAULIPAS
MEXICO
011-52-867-890-0250
www.maxitile.com
Shawn@maxitile.com

EVALUATION SUBJECT:

MEXALIT PRODUCTS FOR EXTERIOR SIDING, BACKER BOARD AND SOFFIT APPLICATIONS: MAXIPANEL, MAXISOFFIT, MAXIPLANK, MAXIBACKER AND MULTISHAKE

1.0 EVALUATION SCOPE

Compliance with the following codes:

- ☐ 2006 International Building Code®(IBC)
- ☐ 2006 International Residential Code® (IRC)
- ☐ Other Codes (see Section 8.0)

Properties evaluated:

- ☐ Durability
- ☐ Weather protection
- ☐ Wind resistance

2.0 USES

MaxiPanel, Maxisoffit, Maxiplank and Multishake Sidewall panels are exterior wall sidings used as exterior wall coverings on buildings of all construction types over approved sheathings or framing, as applicable. The products are capable of resisting design loads, including wind, and are also used as closures on the underside of exterior roof eaves (Maxisoffits). MaxiBacker is used as nonstructural flooring underlayment and interior wall surface tile backer board, including in shower and bath areas (excluding the shower floor).

3.0 DESCRIPTION

MaxiPanel, MaxiSoffit, MaxiPlank, MaxiBacker and MultiShake Sidewall Panels are flat, fiber-cement sheet materials. The products are composed of cement, silica sand and cellulose fibers, and are available with smooth or wood-grain exterior surfaces. The products are available either factory-primed or unprimed The products are noncombustible in accordance with ASTM E 136.

MaxiPanel, MaxiSoffit and MaxiBacker are flat sheet panels. MaxiBacker has square or recessed edges. MaxiPlank and Multishake sidewall panels are lap siding boards. MultiShake Sidewall Panels are manufactured with straight or staggered edges and with wood texture.

Nominal dimensions of the products are shown in Table 1.

4.0 INSTALLATION

4.1 General:

Installation of the products must be in accordance with the manufacturer's published installation instructions and this report. The products can be cut with a power saw using a masonry carbide- or diamond-tipped blade, or with a hand guillotine or with a knife supplied by the manufacturer. The framing assembly components must be sized and constructed to meet applicable building code requirements. Wood and steel framing must be spaced as identified for the applicable assembly in Table 2. Steel framing must be minimum No. 20 gage [0.035 inch (0.89 mm)]. Fasteners and steel framing must be corrosion-resistant. In accordance with the manufacturer's instructions, the siding products must be coated with an exterior-grade, 100 percent acrylic or latex wall coating. Primers, if used, must be a 100 percent acrylic or latex primers. A water-resistive barrier complying with IBC Section 1404.2 or IRC Section R703.2 must be installed under the wall siding products.

Installation under the IBC and the IRC must comply with IBC Sections 1405.15 and 1405.17 and IRC Sections R703.10 and Table R703.4 for fiber cement siding, and be as noted in Sections 4.2, 4.3 and 4.4.

4.2 Siding:

4.2.1 MaxiPanel and MaxiSoffit: MaxiPanel and MaxiSoffit must be installed on wood or steel framing in accordance with IBC Section 1405.17 and IRC Section R703.10.1. Fasteners are described in Table 2. Fasteners must be placed a minimum of 2 inches (51 mm) from corners and $^{3}/_{8}$ inch (9.5 mm) from edges. See Figures 1, 2 and 3 for details.

Panel joints must occur over framing. A maximum gap of $^{1}/_{16}$ inch (1.6 mm) is permitted between panels, and the gap must be caulked with an approved exterior latex caulk. See Figures 4 and 5 for jointing methods. Flashing must be installed at all corners and openings.

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4.2.2 MaxiPlank: MaxiPlank must be installed on wood or steel framing in accordance with IBC Section 1405.17 and IRC Section R703.10.2. Fasteners used at each stud are described in Table 2. For exposed fastening, fasteners must be placed a minimum of $^3/_4$ inch (19.1 mm) up from the bottom edge of the plank, except when butt-jointing over studs, in which case the fasteners must be placed a minimum of 1 inch (25.4 mm) up from the bottom edge. Fasteners must be placed a minimum of $^3/_8$ inch (9.5 mm) from plank ends. See Figures 6, 7 and 8 for details.

For concealed fastening, fasteners must be placed a minimum of 1 inch (25.4 mm) down from the top edge of the plank, and a minimum of $^3/_8$ inch (9.5 mm) from plank ends. See Figures 9 and 10 for details.

Adjacent planks may be butt-jointed together over studs or be centered over a No. 26 gage galvanized steel joint plate. Caulking at butt-joints must completely fill the void. See Figures 11, 12 and 13 for details. Joints must be staggered a minimum of 2 feet (610 mm) from adjacent courses. Plank overlap may be varied to suit the particular height of the wall; the minimum overlap is $1^1/_4$ inches (31.7 mm). Stops and flashing must be installed at all corners and openings.

4.2.3 MultiShake: MultiShake Sidewall Panels must be installed over wood-based structural sheathing and wood framing in accordance with IBC Section 1405.17 and IRC Section R703.10.2. The siding products must be installed only on exterior walls covered by solid sheathing attached as required by the applicable code and capable of independently supporting the imposed loads, including but not limited to transverse wind loads. Fasteners used to attach the MultiShake panels must be attached as described in Table 2. Metal or wood stops must be installed at all corners. Details of installations are shown in Figures 15 and 16.

Straight-edge MultiShake panels must be installed with a 9-inch (229 mm) overlap and a maximum 7-inch-wide (178 mm) exposure; staggered-edge MultiShake panels must be installed with a 10-inch (254 mm) overlap and a maximum 6-inch-wide (152 mm) exposure. Straight-edge and staggered-edge MultiShake panels are shown in Figure 17.

4.3 MaxiBacker:

In flooring applications, MaxiBacker is installed as an underlayment over a minimum $^3/_4$-inch (19.1 mm), exterior-grade plywood subfloor complying with, and installed in accordance with, the applicable code. The plywood subfloor system must be designed so that maximum deflection in a plane, including live and dead loads, is $^1/_{240}$ of the span or, for live loads, $^1/_{360}$ of the span, in accordance with the applicable code. MaxiBacker must be fastened to the plywood subfloor with No. 11 gage by $1^1/_4$-inch-long (32 mm), galvanized roofing nails or No. 8 by $1^1/_4$-inch-long (32 mm) C-Drill screws. Nails or screws are spaced at 6 inches (152 mm) on center around the perimeter and in the field, a minimum of $^3/_8$ inch (9.5 mm) from edges and 2 inches (51 mm) from corners. A $^1/_8$-inch (3.2 mm) gap must be left between board and walls to allow for expansion. Subsequent finishing with flooring, tile or other finished flooring is required. For applications to the interior face of walls, MaxiBacker must be installed as described in Section 4.2 of this report.

4.4 Wind Resistance:

The design wind speeds must not exceed the maximum basic wind speed shown in Table 2 of this report. Resistance to wind loads is also determined by the structural capacity of the substrate.

5.0 CONDITIONS OF USE

The MaxiPanel exterior siding products described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The products must be manufactured, identified and installed in accordance with this report, the manufacturer's published installation instructions and the applicable code. In the event of conflict between the manufacturer's published installation instructions and this report, this report governs.

5.2 A water-resistive barrier complying with the IBC or the IRC, as applicable, must be installed under the exterior wall siding products.

5.3 The exterior siding and soffit products have not been evaluated for racking resistance. Walls must be braced by other means as required by the applicable code.

5.4 The Multishake siding products must be installed only on exterior walls covered by solid sheathing capable of independently supporting the imposed loads, including, but not limited to, transverse wind loads.

5.5 The products are manufactured by Mexalit Industrial, S.A. de C.V., in Santa Clara, Estado de Mexico, Mexico; Nuevo Laredo, Estado de Tamaulipas, Mexico; and Guadalajara, Jalisco, Mexico, under a quality control program with inspections by RI Ogawa & Associates, Inc. (AA-705).

6.0 EVIDENCE SUBMITTED

6.1 Data in accordance with ICC-ES Acceptance Criteria for Fiber Cement Siding Used as Exterior Wall Siding (AC90), dated October 2005 (editorially revised January 2008).

6.2 Data in accordance with ICC-ES Acceptance Criteria for Fiber-cement Interior Substrate Sheets Used in Wet and Dry Areas (AC378), dated October 2007.

7.0 IDENTIFICATION

7.1 MaxiPanel, MaxiSoffit, MaxiBacker and MultiShake:

Each panel is marked with the product name, thickness and lot number. Each pallet of panels bears a label indicating the name and address of Mexalit Industrial, S.A. de C.V.; the product designation; the evaluation report number (ESR-1381); the date of production; and the name of the inspection agency (RI Ogawa & Associates, Inc.).

7.2 MaxiPlank:

One plank in each pallet tier is marked with the product name and lot number. Each pallet bears a label with the name and address of Mexalit Industrial, S.A. de C.V.; the product designation; the evaluation report number (ESR-1381); and the name of the inspection agency (RI Ogawa & Associates, Inc).

8.0 OTHER CODES

8.1 Scope:

In addition to the codes referenced in Section 1.0, the products in this report were evaluated for compliance with the 1997 *Uniform Building Code*™ (UBC)

8.2 Uses:

See Section 2.0.

8.3 Description:

See Section 3.0.

8.4 Installation:

8.4.1 General: See Section 4.1, except a weather-resistive barrier complying with Section 1402.1 of the UBC must be installed under the MaxiPanel exterior wall siding products.

8.4.2 Siding:

8.4.2.1 MaxiPanel and MaxiSoffit: See Section 4.2.1.

8.4.2.2 MaxiPlank: See Section 4.2.2.

8.4.2.3 MultiShake: See Section 4.2.3.

8.4.3 MaxiBacker: See Section 4.3.

8.4.4 Wind Resistance: The design wind speeds must not exceed the maximum basic wind speeds shown in Table 2 of this report. Resistance to wind loads is also determined by the structural capacity of the substrate.

8.5 Conditions of Use:

8.5.1 See Section 5.1.

8.5.2 A weather-resistive barrier complying with the UBC as applicable, must be installed under the MaxiPanel exterior wall siding products.

8.5.3 See Section 5.3.

8.5.4 See Section 5.4.

8.5.5 See Section 5.6.

8.6 Evidence Submitted:

See Section 6.0.

8.7 Identification:

See Section 7.0.

TABLE 1—DIMENSIONS OF MAXIPANEL, MAXIPLANK AND MULTISHAKE PRODUCTS

PRODUCT	WIDTH (inches)	LENGTH (feet)	THICKNESS (inch)
MaxiPanel	48	8, 9, 10, 12	$^{5}/_{16}$, $^{7}/_{16}$
MaxiSoffit	12, 16, 24, 48	8,10, 12	$^{1}/_{4}$
MaxiPlank	$5^{1}/_{4}$, $6^{1}/_{4}$, $7^{1}/_{4}$, $8^{1}/_{4}$, $9^{1}/_{4}$, 12	12	$^{5}/_{16}$
MaxiBacker	36, 48	4, 5, 8, 9, 10	$^{1}/_{4}$, $^{1}/_{2}$ $^{5}/_{16}$
MultiShake	16	4	$^{1}/_{4}$

For **SI:** 1 inch = 25.4 mm, 1 foot = 304.8 mm.

TABLE 2—MAXIMUM WIND LOADS

PRODUCT	THICKNESS (inch)	FASTENER TYPE	FASTENER SPACING	FRAME TYPES	STUD SPACING (inches)	HEIGHT OF BUILDING (feet)	MAXIMUM BASIC WIND SPEED (mph) FOR EXPOSURE CATEGORY[7]					
							IBC, IRC[9]			UBC[8]		
							B	C	D	B	C	D
MaxiPanel	5/16	6d common 2-inch-long nails[2]	6 inches on center	2-by-4 wood[5]	16	15	140	130	120	120	110	100
						20	140	130	120	120	110	100
						40	140	130	115	120	110	95
						60	140	120	110	120	100	90
						100	130	110	-	110	90	-
						200	120	105	-	100	85	-
MaxiPanel	5/16, 7/16	No. 8 by 1 1/4-inch-long RPI C-Drill screws	6 inches on center	No. 20 gage by 3 5/8-inch by 1 3/8-inch metal C-Stud	16, 24	15	140	120	105	120	100	85
						20	110	110	100	120	90	80
						40	110	110	100	110	90	80
						60	100	100	90	100	80	75
						100	100	100	-	95	80	-
						200	90	90	-	85	75	-
MaxiPlank, maximum 12 inches wide	5/16	No. 11 gage, 2.087-inch-long, galvanized roofing nails[3]	Through overlap every stud (exposed)	2-by-4 wood[5]	16	15	125	100	85	105	80	70
						20	120	100	85	100	80	70
						40	110	90	-	90	75	-
						60	105	85	-	85	70	-
						100	-	-	-	-	-	-
MaxiPlank, maximum 9 1/2 inches wide	5/16	No. 11 gage, 1 3/4-inch-long, galvanized roofing nails[4]	Through top edge of plank every stud (concealed)	2-by-4 wood[5]	16	15	130	100	85	110	80	70
						20	120	100	85	100	80	70
						40	115	90	-	95	75	-
						60	110	85	-	90	70	-
						100	100	-	-	80	-	-
						200	85	-	-	70	-	-
MaxiPlank, maximum 9 1/2 inches wide	5/16	No. 8 by 1 5/8-inch-long RPI C-drill screws	Through overlap every stud (exposed)	No. 20 gage by 3 5/8-inch by 1 5/8-inch metal C-stud	16, 24	15	140	120	105	120	100	85
						20	140	120	100	120	100	80
						40	140	110	100	120	90	80
						60	130	105	90	110	85	75
						100	120	100	85	100	80	70
						200	110	90	85	90	75	70
MaxiPlank, maximum 9 1/2 inches wide	5/16	No. 8 by 1 1/4-inch-long RPI C-wing screws	Through top edge of plank every stud (concealed)	No. 20 gage by 3 5/8-inch by 1 3/8-inch metal C-stud	16, 24	15	120	90	-	100	75	-
						20	110	85	-	90	70	-
						40	105	-	-	85	-	-
						60	100	-	-	80	-	-
						100	85	-	-	70	-	-
MaxiSoffit	1/4	4d box 1 1/2-inch-long nails[1]	6 inches on center	2-by-4 wood[5]	16	15	125	100	85	105	80	70
						20	120	100	85	100	80	70
						40	110	85	-	90	70	-
						60	105	85	-	85	70	-
MultiShake	1/4	0.113-inch x 2-inch-long x 0.267-inch (head diameter)	3 nails at each stud spaced ½ inch from each edge and at the center of the panel	2-by-4 wood[6]	16	15	110	85	-	90	70	-
						20	105	-	-	85	-	-
						40	90	-	-	75	-	-
						60	85	-	-	70	-	-

For **SI:** 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mph = 1.609 km/h.

[1]Nail has 0.09-inch-diameter shank and 0.218-inch-diameter head.
[2]Nail has 0.125-inch-diameter shank and 0.265-inch-diameter head.
[3]No. 11 gage nail has 0.125-inch-diameter shank and 0.275-inch-diameter head.
[4]No. 11 gage galvanized roofing nail has 0.120-inch-diameter shank and 0.385-inch-diameter head.
[5]Wood specific gravity is 0.42 or higher.
[6]Wood specific gravity is 0.49 or higher.
[7]N/A—not applicable.
[8]Basic wind speed is the fastest mile speed in accordance with UBC Section 1616.
[9]Basic wind speed is the 3-second gust, miles per hour (km/hr), in accordance with IBC Section 1609.3 and IRC Section R301.2.

MAXIPANEL

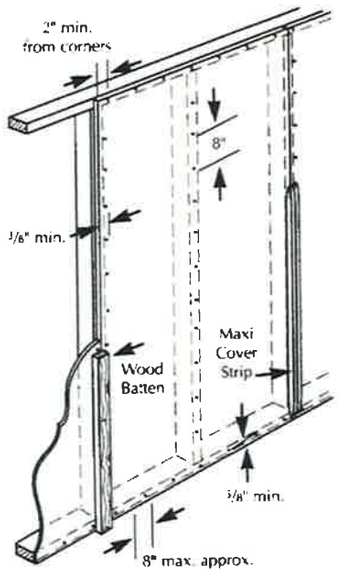

Fig. 1

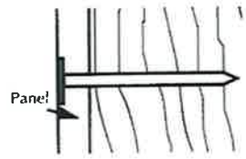

Fig. 2 Wood Stud

Fig. 3 Metal Stud

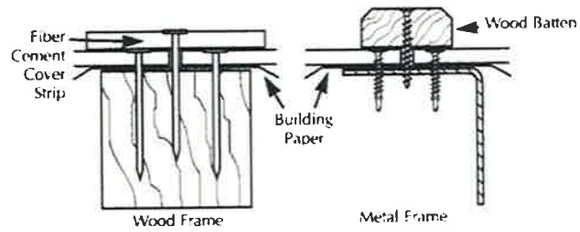

Fig. 4 Vertical Joints

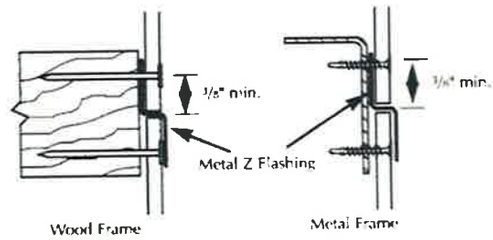

Fig. 5 Horizontal Joints

MAXIPLANK

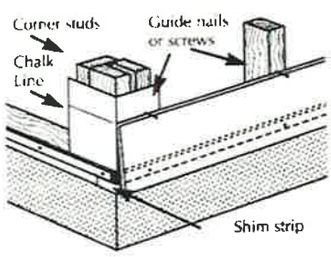

Fig. 6

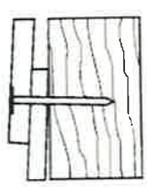

Fig. 7
Wood Stud

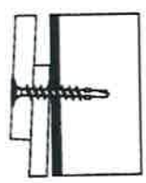

Fig. 8
Metal Stud

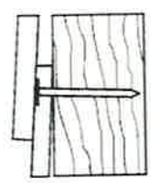

Fig. 9
Wood Stud

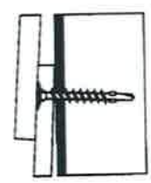

Fig. 10
Metal Stud

Fig. 11
Metal Joint Plate

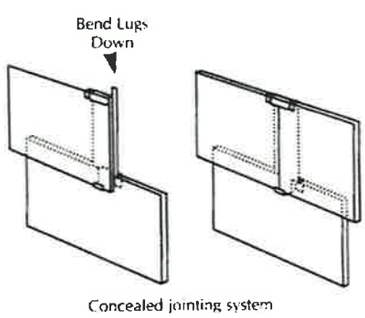

Fig. 12

Fig. 13
Caulking of Plank Joint

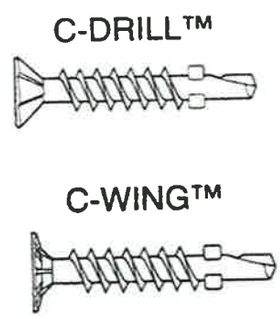

Fig. 14