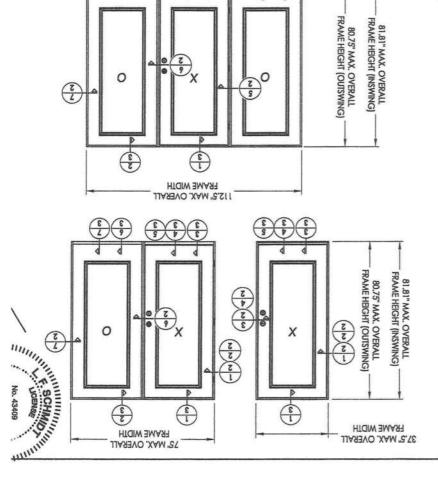
1. EXTERIOR DOORS A. SWINGING	Plastor	Exterior Swinging Doors
B. SLIDING	riaspio	Exterior Ownightig Doors
C. SECTIONAL/ROLL UP		
D. OTHER		
2. WINDOWS		
A. SINGLE/DOUBLE HUNG	M	Single Hung Vinyl Windows
B. HORIZONTAL SLIDER		
C. CASEMENT		
D. FIXED		
E. MULLION		
F. SKYLIGHTS		
G. OTHER		
3. PANEL WALL		
A. SIDING	Hardie	Concrete Masonry Siding
B. SOFFITS		
C. STOREFRONTS		
D. GLASS BLOCK		
E. OTHER		
4. ROOFING PRODUCTS		
A. ASPHALT SHINGLES	Tamko	Architectural Shingles
B. NON-STRUCT METAL		
C. ROOFING TILES		
D. SINGLE PLY ROOF		
E. OTHER		
5. STRUCT COMPONENTS		
A. WOOD CONNECTORS		
B. WOOD ANCHORS		H2.5
C. TRUSS PLATES		LLSTA24
D. INSULATION FORMS		
E. LINTELS		
F. OTHERS		
6. NEW EXTERIOR		
CANALI ONE DOOM ICEN		

certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection. information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and ine products inseed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following



0.08-

0.08-

0.02-

NEGATIVE

DESIGN PRESSURE (PSF)

0.02+

0.02 +

0.02+

POSITIVE

"18.18 x "2.211

"18.18 x "0.27

"18.18 x "2.75

DIWENZION

ERAME

oxo

XO/OX

X

CONFIGURATION

300 M. CENTURY BLVD. oldstalo

OS ANGELES, CA 90045

"IMPACT" gniwstuO / gniwsnl W/ or w/out SIDELITE(S) AZED FIBERGLASS SINGLE DOOR

cilications and rating. advirements including the "High Velocity Hurticane Zone" (HVHZ). See the Certification Agency drawing has been developed and is in compliance with the 6th Edition (2017) Florida Building

"this product complies with Section 1626 of the Ronda Building Code and does not require an sincco. e as listed and spaced as shown on details. Anchor embedment to base material shall be

side of the "HVH" requiring wind borne debris profection this product compiles with FBC

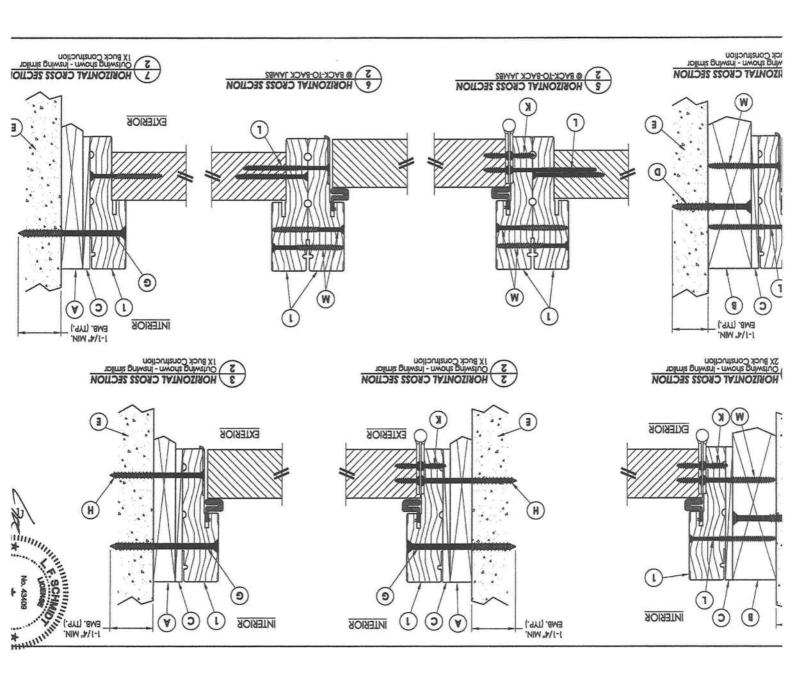
3 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.3.1. 1.2.1.2 and does not require an impact resistant covering. This product meets missile level "D"

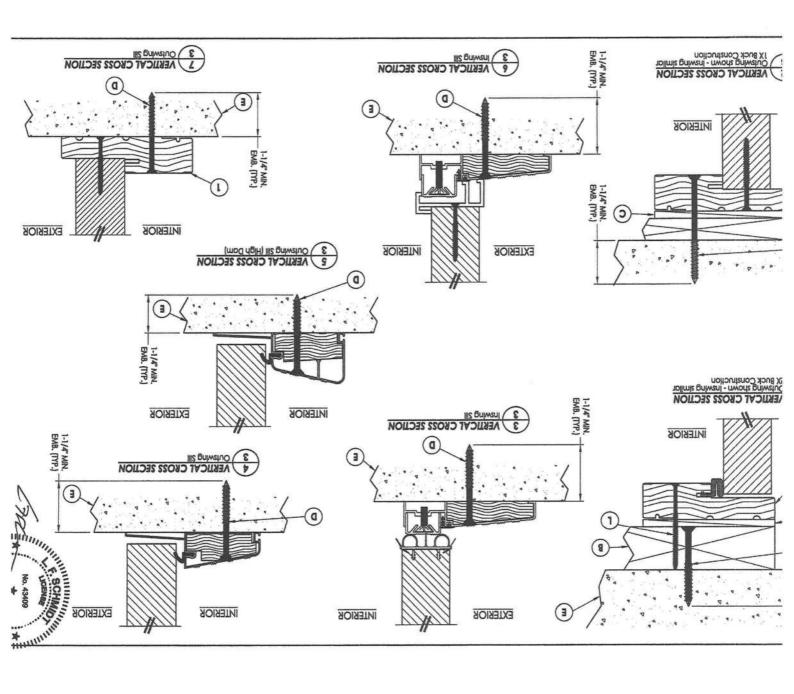
, anchoring of these units shall be the same as that shown for 2x buck masonry construction.

iate from the details of this drawing require further engineering analysis by a licensed engineer

thang to sill is less than 45 degrees. at habitable locations protected by an overhang or canopy such that the angle between the not meet the water infiltration requirements for the "YHVH" and must be installed only in s utilizing the high dam sill (see Section 5/3), meet water infiltration requirements for "HVHZ",

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NOITING
al elevations, design pressures & general notes
ontal cross sections
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	BILL OF MATERIALS		
JAINSTAM			
MOOD	(99'0 =< 9		
MOOD	(992)		
-	IIW 2bYCE		
STEEL	PEH ITW CONCRETE SCREW		
CONCRETE	3,000 PSI MIN, CONCRETE CONFORMING TO ACI LOW BLOCK CONFORMING TO ASTM C90		
JEEL	PFH ITW CONCRETE SCREW		
STEEL	PFH ITW CONCRETE SCREW		
STEEL	MOOD 2CKEM		
STEEL	MOOD 2CKEM (1-1/S, WIN' EWBEDWEAL)		
STEEL	HEH MOOD 2CKEM		
MOOD	(TED PINE HEAD & JAMB (SG >= 0.42)		

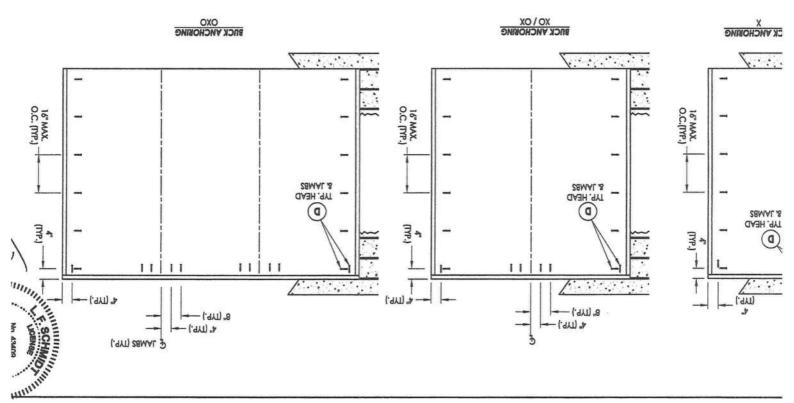
u.br	"Z	.tr/t-t	.b/l	® WTI
MIN. CLEARANCE TO	MIN. CLEARANCE TO	EMBEDMENT	ANCHOR	AUCHOR
ADJACENT ANCHOR	MASONRY EDGE		SIZE	TYPE

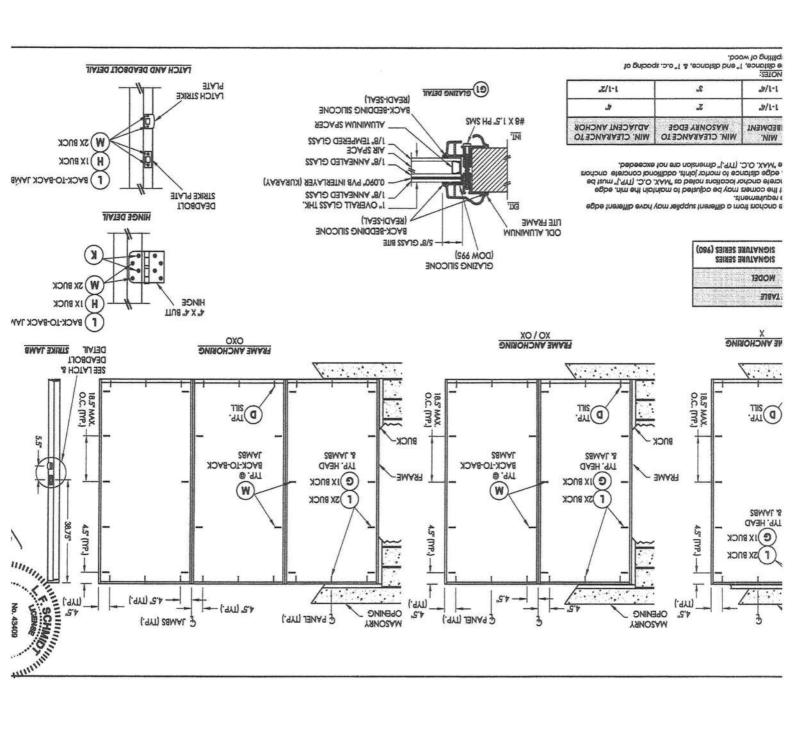
- CONCRETE ANCHOR NOTES:

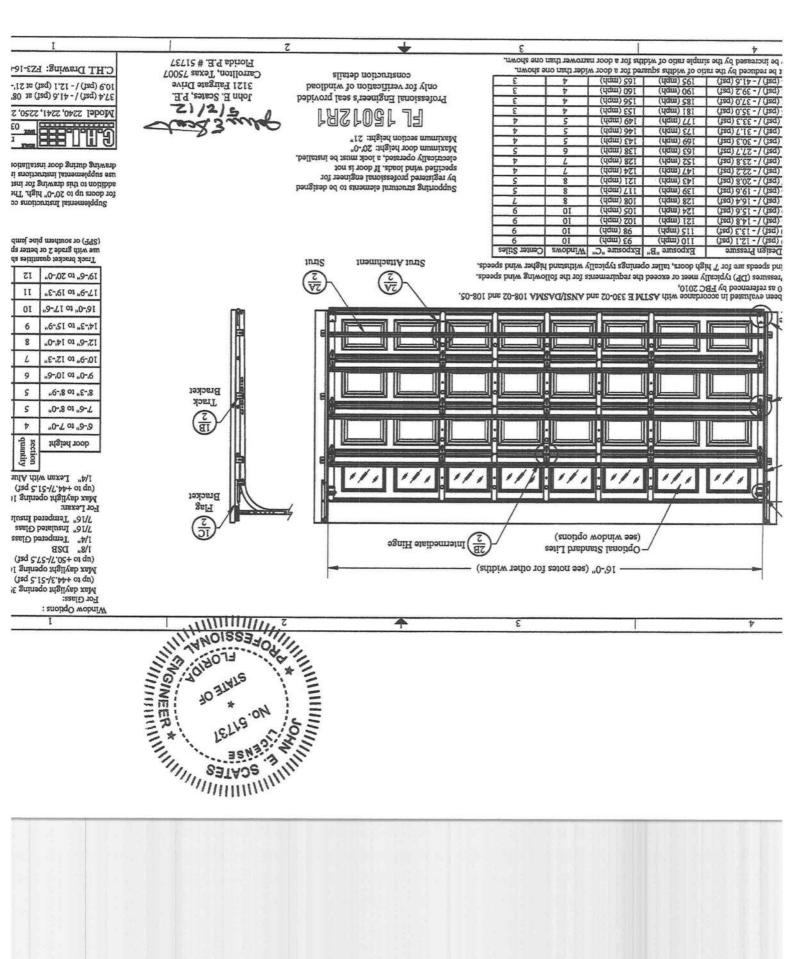
 1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.

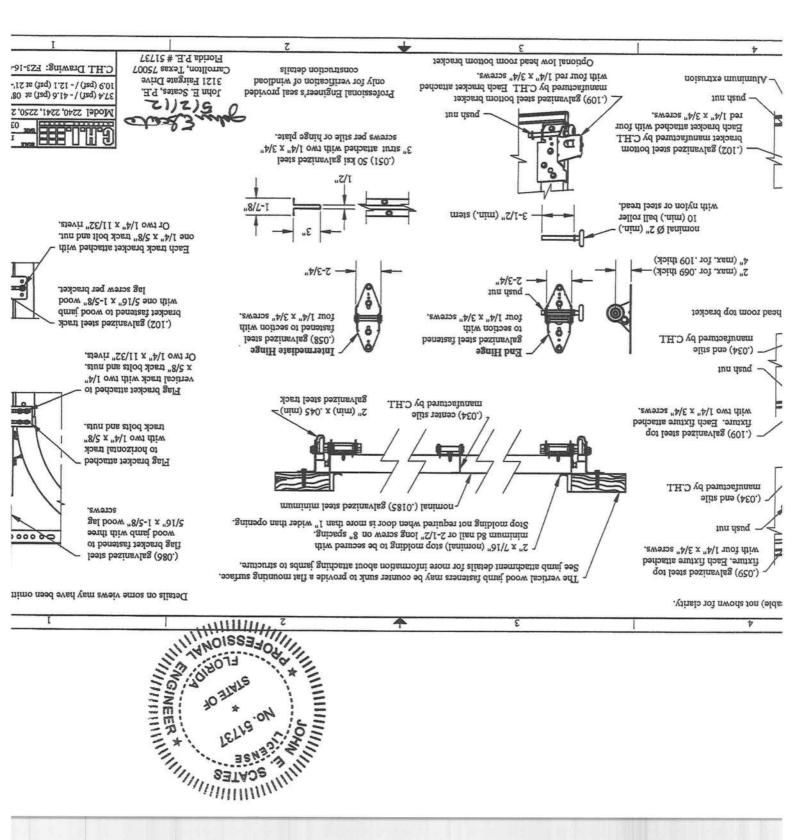
 2. Concrete anchor locations at the comers may be adjusted to maintain the min. edge distance to make tohist. Concrete anchor and common contractions of the comers may be adjusted to maintain the min. edge distance to make joints, additional concrete anchors may be required to ensure the "MAX. O.C. (TYP.)" dimension are not exceeded.

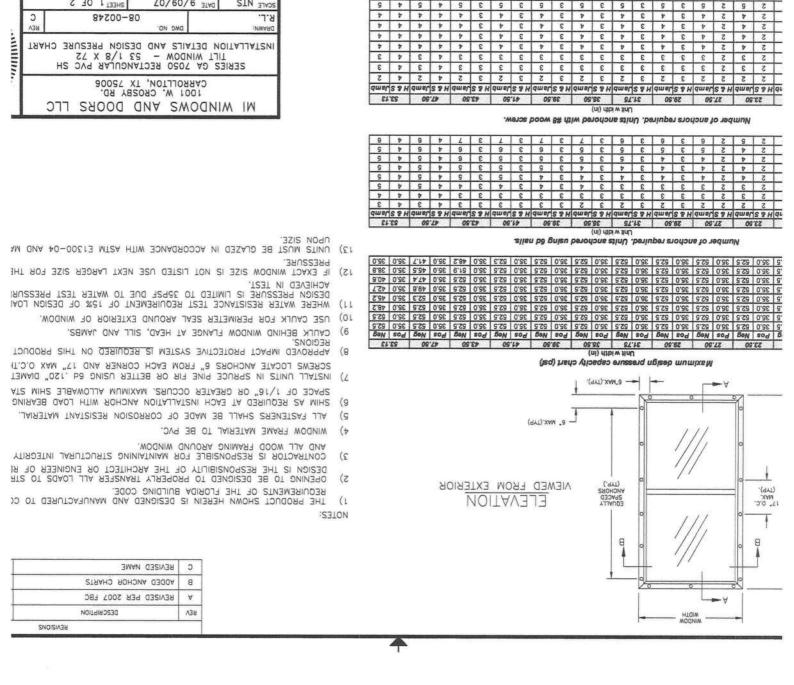
 3. Concrete anchor tobie:









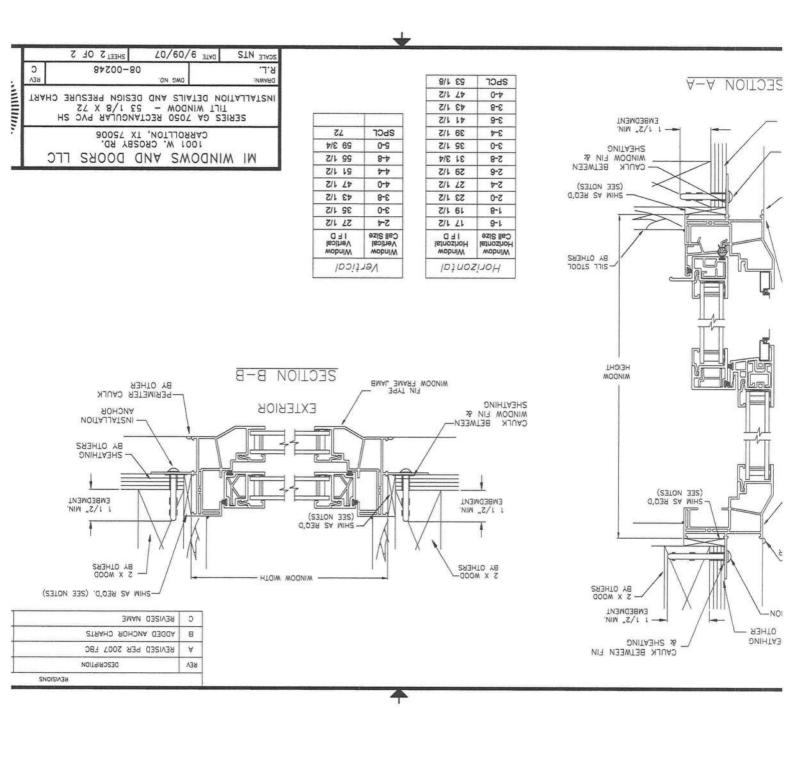


1

DATE 9/09/07

SHEEL 1 OF 2

SCYTE MLZ



TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FRO AFFECT COVERAGE UNDER THE LIMITED WARRANTY. SEE THE LIMITED WARRANTY FOR DETAILS. FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL ADVERSEI THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBE

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

placing fasteners into the sealant strip. placement of fasteners on or above the paint line, will adversely affect coverage under TAMKO's applicable Limited Warranty. Avoi Zone, see section 3 of these Application Instructions. Failure to follow fastening instructions, including but not limited to improper line on the shingle is the upper-most edge of TAMKO's expanded Nail Zone. For complete details regarding TAMKO's expanded Na <u>IMPORTANT FASTENING INFORMATION:</u> DO NOT PLACE FASTENERS ON OR ABOVE THE PAINT LINE ON THE SHINGLE. The pai

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles

I. ROOF DECK

These shingles are for application to roof decks consisting of plywood or sheathing boards capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". For roofs having pitches greater than 21 in. per foot, refer to special instructions titled "Mansard Roof or Steep Slope Roof". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by APA - The Engineered Wood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of APA - The Engineered Wood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongueand-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

- Vapor Condensation
- Buckling of shingles due to deck movement.
- Rotting of wood members.
- Premature failure of roof.

To insure adequate ventilation and circulation of air, the ventilation system must include inlets and outlets. This may be accomplished with a combination of ridge and soffit vents or by using gable end vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented. This may be reduced to one square foot of ventilation

area per 300 square feet if at least 40% and not more than 50% of venting is provided not more than 3 feet below the ridge or if a Class I or II vapor barrier is installed on the warm in winter side of the ceiling in climate zones 6, 7, and 8 as recommended by the 2012 International Residential Code. For more information consult your design professional. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

3. FASTENERS

dripping and staining. Shingles must also be fastened according asphalt in certain underlayments resulting in the asphalt flowing amounts can cause blistering of the shingles and may soften th thin uniform layer of adhesive less than 1/8 in, (3mm) thick. Excessive SBS Adhesive or TAMKO Tam-Seal Adhesive. Caution: Apply ONLY the fastening instructions described below. underlayment and each other in a 4 in. (102mm) width of TAM-PR the adhesive. For maximum wind resistance along rakes, install an in. (25mm) up from the bottom of the shingle. Press shingle firmly int the shingle 1 in. (25mm) and 13 in. (330mm) in from each side and Premium SBS Adhesive or TAMKO Tam-Seal Adhesive on the back of insure immediate sealing, apply 4 quarter-sized dabs of TAM-PRO dust. In these situations, hand sealing of the shingles is required. T compounded by prolonged cold weather conditions and/or blowin direct sunlight. These conditions may impede the sealing of th shingles after application when proper sealing of the shingles doe TAMKO starter shingle including sealant or cement shingles to th adhesive strips on the shingles. The inability to seal down may b applied in cooler months or in areas on the roof that do not receiv not occur. This can especially be a problem if the shingles ar WIND CAUTION: Extreme wind velocities can damage thes

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the Limited Warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable mph as stated in the Limited Warranty. See Limited Warranty on the wrapper or tamko.com for details.

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FASTENING PATTERNS:

1) NAIL ZONE: The Nail Zone for standard fastening is defined as the 1-3/4 in. area beginning at 6-1/8 in. from the bottom edge of the shingle and ending at the paint line located at 7-7/8 in. from the bottom edge of the shingle. DO NOT PLACE FASTENERS ON OR ABOVE THE PAINT LINE ON THE SHINGLE.

2) Standard Fastening Pattern Options.

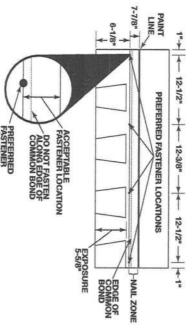
(For use on decks with slopes 2 in. per foot to 21 in. per foot.)

A. Preferred Fastener Location: Fasteners should be placed 6-1/8 in. from the bottom edge of the shingle, penetrating through the common bond, and located horizontally as shown in the Standard Fastening Pattern diagram.

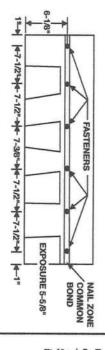
B. Acceptable Fastener Location: Fasteners must be placed in the 1-3/4 in. nailing area beginning at 6-1/8 in. from the bottom edge of the shingle and ending at the paint line located at 7-7/8 in. from the bottom edge of the shingle. Nails shall be located horizontally as shown in the Standard Fastening Pattern diagram.

<u>CAUTION</u>: Fasteners must not be driven into the edge of the common bond area. Avoid placing fasteners into the sealant strip.

STANDARD FASTENING PATTERN IN NAIL ZONE



3) Mansard Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) One fastener 1 in. from each end and one fastener 8-1/2 in. from each end and one fastener 16 in. from each end for a total of 6 fasteners per shingle. (See Mansard and High Wind Fastening Pattern illustrated below.)

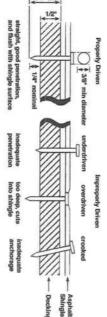


MANSARD AND HIGH WIND FASTENING PATTERN

Mansard and High Wind Fastening Pattern illustrated above.) Application Warranty MPH, as stated on Table I in the Limited Warranty, underlayments resulting in the asphalt flowing, dripping and staining. cause blistering of the shingles and may soften the asphalt in certain or TAMKO Tam-Seal Adhesive. Caution: Apply ONLY a thin uniform and each other in a 4 in. (102 mm) width of TAM-PRO SBS Adhesive the use of TAMKO starter shingles including sealant strip at eaves and of six (6) fasteners per shingle. In addition to this shingle fastening in. from each end and one fastener 16 in. from each end for a total requirements) One fastener 1 in. from each end. One fastener 8-1/2 4) High Wind Fastening Pattern. (For High Wind Application reverts to the Standard Application Wind Warranty MPH limit. (See High Wind Application requirements are not followed, the High Wind High Wind Application is offered on new construction or complete layer of adhesive less than 1/8 in. (3mm) thick. Excessive amounts can rakes. Alternatively, along rakes, cement shingles to the underlayment pattern requirement for High Wind Application, TAMKO also requires tear-off applications only. It is not offered for recover applications. If

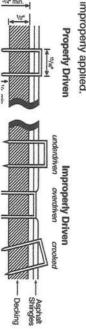
CAUTION: ALL FASTENERS FOR MANSARD AND HIGH WIND APPLICATIONS MUST BE DRIVEN INTO THE NAIL ZONE COMMON BOND (PREFERRED FASTENER LOCATIONS) AS SHOWN IN THE MANSARD AND HIGH WIND FASTENING PATTERN DIAGRAM.

NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12 gauge wire, and a minimum



head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.

STAPLES: If staples are used in the attaching process, follow the above instructions for placement. All staples must be driven with pneumatic staplers. The staple must meet the following minimum dimensional requirements. Staples must be made from a minimum 16 gauge galvanized wire. Crown width must be at least 15/16 in. (staple crown width is measured outside the legs). Leg length should be a minimum of 1-1/4 in. for new construction and 1-1/2 in. for reroofing thus allowing a minimum deck penetration of 3/4 in. The crown of the staple must be parallel to the length of the shingle. The staple crown should be driven flush with the shingle surface. Staples that are crooked, underdriven or overdriven are considered improperly applied.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles which is not covered by TAMKO's Limited Warranty.

Products which are acceptable for use as underlayment are:

Asphalt Saturated Felt Underlayments:

- TAMKO SuperX 15™ or SuperX 30™ Underlayment
- TAMKO No. 15 Asphalt Saturated Organic Felt
- Any TAMKO non-perforated asphalt saturated organic felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or II or ASTM D4869

Specialty Underlayments:

- Tam-Shield® Synthetic Underlayment
- TAMKO Moisture Guard Plus®, TW Underlayment and TW Metal and Tile Underlayment® (additional ventilation may be required. Contact TAMKO's Technical Services Department for more information.)
- A self-adhesive underlayment designed for use with asphalt shingles which meets ASTM D1970.

For Asphalt Saturated Felt Underlayments:

Apply the felt when the deck is dry. On roof decks with slopes 4 in, per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the felt may be adversely affected by moisture and weathering. Laying of the felt and the shingle application must be done together.

For All Other Specialty Underlayments:

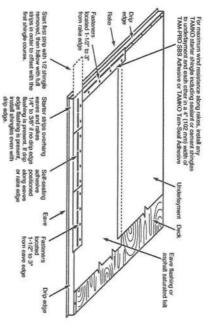
On roof decks with slopes 4 in. per foot and greater apply the underlayment parallel to the eaves in accordance with underlayment written application instructions. The underlayment should not be left exposed for a longer period of time than is specified in the underlayment's written application instructions. The final roof covering must be installed before the structure is exposed to adverse weather conditions, such as wind driven rain, high wind, hail, ice storms, etc.

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus®, TW Metal and Tile Underlayment or TW Underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information.

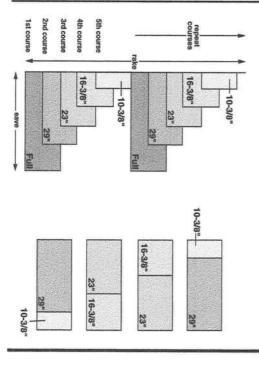
Substitute products as shingle underlayment should not be used.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: A starter course may consist of TAMKO Shingle Starter, TAMKO 10-inch Starter or self-sealing 3-tab shingles. If self-sealing 3-tab shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. Attach the starter course with approved fasteners along a line parallel to and 1.5 in. to 3 in. above the eaves edge. The starter course should overhang both the eaves and rake edges 1/4 in. to 3/8 in. if drip edge flashing is not used along the eaves or rakes. If drip edge flashing is present, install shingles even with the drip edge.

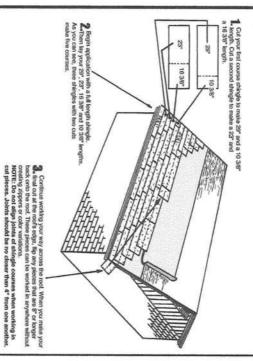


SHINGLE APPLICATION: Start the first course with a full size shingle and overhang the rake edge 1/4 in. if drip edge is not present. If drip edge is present, align shingle edge with drip edge flashing. Cut 10-3/8 in. from a full shingle to form a shingle 29 in. long. Use this to start the second course (see diagram below). Cut a 23 in. long shingle to start the third course. Use the remaining 16-3/8 in. piece of shingle to start the fourth course and use the remaining 10-3/8 in. piece to begin the fifth course. Continue up the rake in as many rows as necessary using the same formula as outlined above.



without creating zippers or color variations. longer back onto the roof. These pieces can be worked in anywhere make your final cut at the roof's edge, flip any pieces that are 8 in. or shingle application drawing illustrated on this panel). When you sawtooth of the underlying shingle for a 5-5/8 in. exposure (see The butt of the shingle should be aligned with the top edge of the

NOTE: Do not align joints of shingle courses when working in cut pieces. Joints should be no closer than 4 in. from one another.



6. LOW SLOPE APPLICATION

of a least 24 in. inside the interior wall line of the building. As an or TAMKO Plastic Roof Cement from eaves and rakes to a point may be used in lieu of the cemented felts. Underlayment, or TW Underlayment self-adhering underlayment the laps of the entire underlayment to each other with TAM-PRO be positioned to overlap the preceding course by 1/2-sheet width. starter piece, completely overlapping it. All succeeding courses will On pitches 2 in. per foot to 4 in. per foot cover the deck with two alternative, TAMKO's Moisture Guard Plus®, TW Metal and Tile If winter temperatures average 25°F or less, thoroughly cement by 1/4 to 3/4 in. Place a full-sheet width over the 1/2-sheet width 1/2-sheet width along the eaves and overhanging the drip edge layers of underlayment. Begin by applying the underlayment in a

7. MANSARD ROOF OR STEEP SLOPE ROOF

shingle. See Section 3 for the Mansard Fastening Pattern. If the slope exceeds 21 in. per foot (60"), each shingle must be be applied to shingles with a 5-5/8 in. exposure, use 6 fasteners per immediately upon installation. Quarter-sized dabs of cement must sealed with TAM-PRO SBS Adhesive or TAMKO Tam-Seal Adhesive

8. RE-ROOFING

meet the requirements listed in Section 1. Before re-roofing, be certain to inspect the roof decks. All plywood shall

It is not recommended to install laminated asphalt shingles directly over existing laminated shingles due to the unevenness of the existing

> usually indicate warped decking or protruding nails. Hammer down all or broken shingles from the existing roof. Replace all missing shingles be compromised, preventing the shingles from sealing properly. It is all drip edge metal and replace with new. protruding nails or remove them and refasten in a new location. Remove shingles which are flat and essentially intact. Nail down or remove curled acceptable to install laminated shingles over existing three-tab strip multi-layered shingles. The performance of the sealant feature may with new ones to provide a smooth base. Shingles that are buckled

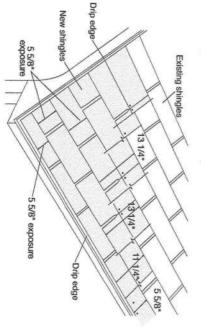
Guard Plus®, TW Metal and Tile Underlayment, or TW Underlayment. at least 24 in. beyond the interior wall line and apply TAMKO's Moisture of water in trozen or clogged gutters), remove the old roofing to a point protect against ice dams (freeze/thaw cycle of water and/or the backup If re-roofing over an existing roof where new flashing is required to Contact TAMKO's Technical Services Department for more information.

single roof: Call TAMKO Technical Services for further information. Measurements will vary when nesting over an existing 5 in. exposure

See description below: reroofing over existing metric size shingles with a 5-5/8 in. exposure. The nesting procedure described below is the preferred method for

strip so that it will provide sufficient overhang for proper drainage. off into the gutter. If this is not the case, cut and apply the starter existing roof should overhang the eaves far enough to carry water cut to height as above, evenly along the existing roof at the eaves. The the eaves. Continue the starter strip by applying full length shingle strips approximately 6 in. from the rake end and apply the remaining portion at edge (with the factory-applied adhesive strip along the eaves). Cut the existing shingles. Position the resulting strip over the existing roof Starter Course: Remove the tabs and an additional portion from the head of a full size shingle so that its height is equal to the exposure of

existing third course. This course must also be applied evenly along the so that the remaining portion of the shingle fits between the butts of the eaves edge of the new starter strip. First Course: Remove an amount from the butt edge of a full-size shingle



end of the first shingle in the second course, and continue with full Heritage application instructions. (See section 5). course. When beginning the succeeding courses continue to follow the above. This method should create an exposure of 5-5/8 in. after the first each new shingle against the butt edge of the old shingle in the course width shingles for the remainder of the course, placing the top edge of Second and Succeeding Courses: Remove 10-3/8 in. from the rake

9. VALLEY APPLICATION

or a minimum 50 lb. roll roofing in the valley. Nail the underlayment of TAMKO Moisture Guard Plus®, TW Metal & Tile Underlayment, outside edges. only where necessary to hold it in place and then only nail the Over the shingle underlayment, center a minimum 36 in. wide sheet

SHINGLES TO FORM VALLEY PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING IMPORTANT: PRIOR TO INSTALLATION, WARM SHINGLES TO

After valley flashing is in place:

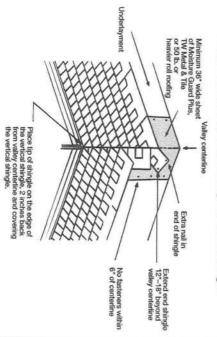
- Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.
- slope or less height start applying the shingles on the roof plane that has the lower Note: For proper flow of water over the trimmed shingle, always
- Extend the end shingle at least 12 in. onto the adjoining roof across the valley and onto the adjoining roof. Apply succeeding courses in the same manner, extending them
- Press the shingles tightly into the valley
- Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley

To the adjoining roof plane, apply one row of shingles vertically facing the valley and 2 in. back from the valley centerline.

shingles for guidance. Note: For a neater installation, snap a chalkline over the

To complete the valley, apply shingles on the adjoining root shingle has been applied, covering the vertical shingle. the 2 in. point from the centerline where the edge of the vertical plane by positioning the tip of the first shingle of each row at



800-641-4691. CONTACT TAMKO'S TECHNICAL SERVICES DEPARTMENT AT FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE

IO. HIP AND RIDGE FASTENING DETAIL

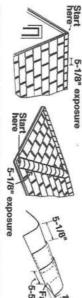
5-5/8 in. back from the exposed end and 1 in. up from the edge. prevailing winds. Secure each shingle with one fastener on each side, of the hip or from the end of the ridge opposite the direction of the Apply the shingles with a 5-1/8 in. exposure beginning at the bottom

use TAMKO's Elite Glass-Seal shingles cut down to 12 in. pieces. products. Where matching colors are available, it is acceptable to TAMKO recommends the use of TAMKO Hip & Ridge shingle

completely through approved plywood. through the roofing material and 3/4 in, into the wood decking or The length of the fastener should be long enough to penetrate

BENDING SHINGLE IN COLD WEATHER. IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE

Direction of prevailing wind



Fastener

CONTACT TAMKO'S TECHNICAL SERVICES DEPARTMENT AT REGARDING THESE APPLICATION INSTRUCTIONS, PLEASE WARRANTY FOR DETAILS. IF YOU HAVE ANY QUESTIONS UNDER THE LIMITED WARRANTY. SEE THE LIMITED THESE INSTRUCTIONS WILL ADVERSELY AFFECT COVERAGE MANUFACTURER'S INSTRUCTIONS. FAILURE TO FOLLOW DEFECTS RESULTING FROM FAILURE TO FOLLOW THE NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS

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