

Quality You Can
Trust... From
North America's
Largest Roofing
Manufacturer!™

Version 1.0

EVERGUARD® TPO/PVC ARCHITECTURAL ROOFING DETAILS Manual



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WELCOME

EverGuard® TPO/PVC Architectural Roofing Details Manual

Thank you for consulting Version 1.0 of the *EverGuard® TPO/PVC Architectural Roofing Details Manual*. You can find further information at www.gaf.com, or contact GAF Technical Services at 1-800-ROOF-411 (1-800-766-3411).

WHO IS GAF?

Founded in 1886, GAF has grown to become North America's largest manufacturer of commercial and residential roofing. Professional roofing contractors have long preferred the rugged, dependable performance that only a GAF roof can offer.

For roofing contractors and distributors:

- Helping to build your business and avoid hassles

For property owners & architects:

- Helping to assure your best and safest choice in roofing

WHAT IS IN THIS MANUAL?

This manual corresponds with the following manuals:

- EverGuard® TPO/PVC Mechanically Attached Roofing System Overview & General Requirements Manual
- EverGuard® Freedom™ TPO Self-Adhered Roofing System Overview & General Requirements Manual
- EverGuard® TPO/PVC Adhered Roofing System Overview & General Requirements Manual
- EverGuard® TPO/PVC Ballasted Roofing System Overview & General Requirements Manual
- Drill-Tec™ RhinoBond® Attachment System Overview & General Requirements Manual

WHAT ARE OUR PRODUCTS AND SERVICES?

No one offers a wider range of reliable, proven, cost-effective roofing solutions:

COMMERCIAL PRODUCTS

- EverGuard® Freedom™ TPO Self-Adhering Roofing Systems
- EverGuard Extreme® TPO Single-Ply Roofing Systems

- EverGuard® TPO and PVC Single-Ply Roofing Systems
- RUBEROID® SBS and APP Modified Bitumen Roofing Systems
- LIBERTY™ SBS Self-Adhering Roofing Systems
- GAFGLAS® Fiberglass Built-up Roofing Systems
- TOPCOAT® Liquid-Applied Membrane Roofing Systems
- United Coatings™ Liquid-Applied Roof Coatings
- HYDROSTOP® Liquid-Applied Roof Membrane
- StreetBond® Pavement Coatings
- GAF LiveRoof®... Hassle-free Garden Roofing System

RESIDENTIAL PRODUCTS

- Lifetime Designer Shingles... Camelot®, Camelot II®, Country Mansion®, Slateline®, Grand Canyon®, Grand Sequoia®, Grand Sequoia® IR, Sienna™, Woodland®, and Glenwood® Shingles
- Timberline® Lifetime Shingles... Timberline Ultra HD®, Timberline HD®, Timberline® Natural Shadow®, Timberline® American Harvest®, Timberline® Cool Series®, and Timberline® ArmorShield™ II
- 3-Tab Shingles... Marquis® WeatherMax® and Royal Sovereign®
- TruSlate® Roofing... affordable Genuine Slate Roofing System

ACCESSORY PRODUCTS

- We offer an extensive line of accessory products for our roof systems, including: EverGuard® TPO and PVC Prefabricated Accessories; Single-Ply Adhesives, Primers & Sealants; Matrix™ Coatings and Cements; EnergyGuard™ Insulation; Drill-Tec™ Fasteners; M-WELD® Preflashed Accessories; Metalastic® Expansion Joint Covers; Lexsuco® Roof System Accessories; Cobra® and Master Flow® Ventilation Products; Timbertex® Premium Ridge Cap Shingles; WeatherWatch® and StormGuard® Leak Barriers; Shingle-Mate® and Deck-Armor®, Tiger Paw™ and Shingle-Mate® Roof Deck Protection.

WELCOME

EverGuard® TPO/PVC Architectural Roofing Details Manual

SERVICES

- Every GAF roofing product benefits from the substantial resources available only from a multibillion-dollar corporation dedicated to roofing. Our 32 plants mean manufacturing expertise. Our extensive R&D organization means a constant focus on product and process improvement. Over 250 sales and technical personnel mean that GAF is there, in person, to provide you with the service and information you need. GAF is a team of over 3,000 people dedicated to your roofing satisfaction.
- GAF has a network of sales representatives and distributors to supply and service its quality roofing systems throughout North America.
- Our Technical Helpline is a technical assistance service that allows you to contact us directly to speak with a technical representative about specifications, applications, code approvals, and product information. The Helpline number is 1-800-ROOF-411 (1-800-766-3411).
- Architectural Information Services (AIS) is a service that assists you in determining your exact roofing needs based on the project information you provide us. Our assistance includes providing you with a general specification that summarizes the details of the project you provided us, as well as application methods, product descriptions, and detail drawings for the proposed project. You can reach our AIS team at 1-800-522-9224.
- Our Tapered Design Group (TDG) is one of the many services available to our customers to help reduce their hassles. We provide tapered insulation take-offs based on the information you provided us, as guidance to assist architects, contractors, and distributors nationwide. Just send your roof plans and specifications to tdg@gaf.com. Our TDG can be reached at 1-800-766-3411.
- Visit GAF on the web at www.gaf.com for extensive product information, specifications, and technical literature.

A FEW THINGS TO CONSIDER...

- This Manual contains the latest information relating to the application of GAF's Single-Ply Roofing Systems and is based on our years of experience in the commercial roofing field. It has been prepared as a general guide to assist architects, engineers, roofing contractors, and owners in the use of our roofing systems.
- GAF manufactures and sells roofing materials and does not practice architecture or engineering. GAF is not responsible for the performance of its products when damage to its products is caused by such things as improper building design, construction flaws, or defects in workmanship.
- The design responsibility remains with the architect, engineer, roofing contractor, or owner, and construction details illustrated and described herein are furnished solely for guidance purposes. These guidelines should not be construed as being all-inclusive, nor should they be considered as a substitute for good application practices.
- Under no circumstances does GAF have any liability for expenses arising out of or associated with the pre-existing presence of asbestos-containing materials or any other allegedly hazardous substances or materials upon the roof to which the new GAF roofing materials are being applied.
- Information contained in this Manual is presented in good faith and, to the best of GAF's knowledge, does not infringe upon any patents, foreign or domestic.
- As a part of its continuing efforts to improve the performance of its products, GAF periodically makes changes to its products and application specifications. The Company reserves the right to change or modify, at its discretion, any of the information, requirements, specifications, or policies contained herein. This Manual supersedes all catalogs and previous manuals.
- GAF is Your Best Choice!

GUARANTEE PROGRAM

EverGuard® TPO/PVC Architectural Roofing Details Manual

GENERAL

GAF offers roof guarantees for a fee for our published roofing system specifications when installed by GAF Certified Low-Slope Roofing Contractors in accordance with the terms and conditions set forth in this Manual, and the procedures for obtaining a guarantee are followed.

All guaranteed roofing systems must be flashed in accordance with the GAF flashing requirements and details included in this Manual. All GAF insulation, fasteners, pre-flashed details, expansion joint covers, cements, coatings, and accessory products as job appropriate are required for guarantees unless otherwise approved in writing by a Field Services Manager or Director prior to installation.

GAF will be the sole judge as to whether or not a roofing guarantee will be issued to cover any proposed or completed roof. The issuance of a guarantee and its effectiveness or the continued liability thereunder is contingent upon, among other things, payment of GAF's guarantee fee and payment in full to the roofing contractor and materials suppliers.

GAF has no obligation to issue a roofing guarantee on any roof. Any inspection prior to issuance is solely for the benefit of GAF and does not constitute a waiver of any terms or conditions in the guarantee. In the event that a roof system does not conform to GAF's standards and a guarantee is not issued, no portion of the guarantee fee is refundable.

GAF will not accept Notices of Award of Contract that indicate that the owner or architect has the option to accept or reject the guarantee upon completion of the roof.

GAF is not responsible for consequential damages in case of roof system failure. GAF has no control over a building's contents, type, quantity, positioning, or protection.

A GAF guarantee may be cancelled by GAF for violation of its terms and conditions.

Some GAF guarantees may be eligible for GAF WellRoof® guarantee extension. See guarantee for terms and conditions.

SPECIAL CONDITIONS

A guarantee will not be issued to cover less than the entire roof area of a single building.

A GAF guarantee will not be issued for the following without prior written approval from the Field Services Manager or Director:

- Over any surface or deck not covered in this Manual
- Over a cold/freezer storage building, unless a ventilated plenum isolates the cold storage area from the roofing system and substrate
- On storage silos, heated tanks, or domed structures
- On structures having conduit or piping between the roof deck and roofing membrane, unless the conduit or piping is installed in channels below the top deck surface
- On roofs that have an inadequate number and spacing of expansion joints or curbs
- On systems constructed with insulation not approved by GAF
- On any structure where there is limited or no access to the roof
- On a roof designed for or used as a water-insulated or spray roof
- On promenade or parking roofs
- On waterproofing applications
- For any structure where high-heat or humidity conditions exist such as, but not limited to, breweries, creameries, laundries, textile mills, pulp and paper plants, swimming pools, shower rooms, and canneries
- When roofing over an existing roof system that contains moisture, is not adhered to the substrate or roof deck, and/or provides an improperly prepared surface
- On plywood decks without continuous solid end blocking
- On roofs containing sprayed-in-place polyurethane foam
- Any unusual condition not specifically approved by GAF
- On any high-temperature condition that allows the roof membrane temperature to exceed 160°F (71°C); or 195°F (90°C) for EverGuard Extreme® roofing systems.

GUARANTEE PROGRAM

EverGuard® TPO/PVC Architectural Roofing Details Manual

GAF ROOF GUARANTEE PROGRAM

GAF offers an extensive selection of roof guarantees to meet the needs of most building owners. The following guarantees may be available for use with selected EverGuard® Single-Ply Roof Systems when installed by an eligible GAF certified contractor. Contact GAF Technical Services for additional information and specific guarantee requirements.

GAF Roof Guarantee Type

All-American Pledge™ Steep- and Low-Slope Roof Guarantee

- Coverage: NDL
- Term: Up to 35 Years

GAF Diamond Pledge™ Roof Guarantee

- Coverage: NDL
- Term: Up to 35 Years

GAF System Pledge™ Roof Guarantee

- Coverage: Specified \$ per square
- Term: Up to 35 Years

WellRoof® Guarantee Extension*

- Coverage: Extends Diamond Pledge™ Coverage
- Coverage: 25% longer term
- Any issued guarantee up to 30 years in length is eligible for the GAF WellRoof® Guarantee Extension; maximum guarantee length, including WellRoof® Guarantee Extension, is 35 years.

*A program that encourages property owners to utilize an annual maintenance agreement. When certain requirements are met, GAF will extend its Diamond Pledge™ Guarantee by 25% for eligible projects. Contact Technical Services at 1-800-766-3411 for qualifying specifications and detailed information. All work must be completed by a GAF Certified Maintenance Professional (CMP). See WellRoof® Guarantee Extension for complete coverage and restrictions.

GAF CERTIFIED CONTRACTOR PROGRAM

GAF does not install roofing systems. GAF does not own roof contracting companies, or have any interest in companies installing roofing systems. Accordingly, GAF shall not be responsible for any roofing contractor's workmanship except as specifically covered under the terms and conditions of the GAF roofing guarantee.

The term "GAF Certified Low-Slope Roofing Contractor" only identifies a contractor eligible to apply for a GAF roofing guarantee and is not intended to convey any other meaning. GAF Certified Low-Slope Roofing Contractors are not employees, agents, or representatives of GAF.

GAF will issue a roofing system guarantee only for roofs applied by a GAF Certified Low-Slope Roofing Contractor. The responsibility for proper application of the roof lies with the Certified Low-Slope Roofing Contractor alone. It is the responsibility of the building owner and his or her designated representatives, as the employer of the Certified Low-Slope Roofing Contractor, to enforce compliance with specifications and good workmanship practices. Such enforcement is not GAF's responsibility.

INSPECTIONS

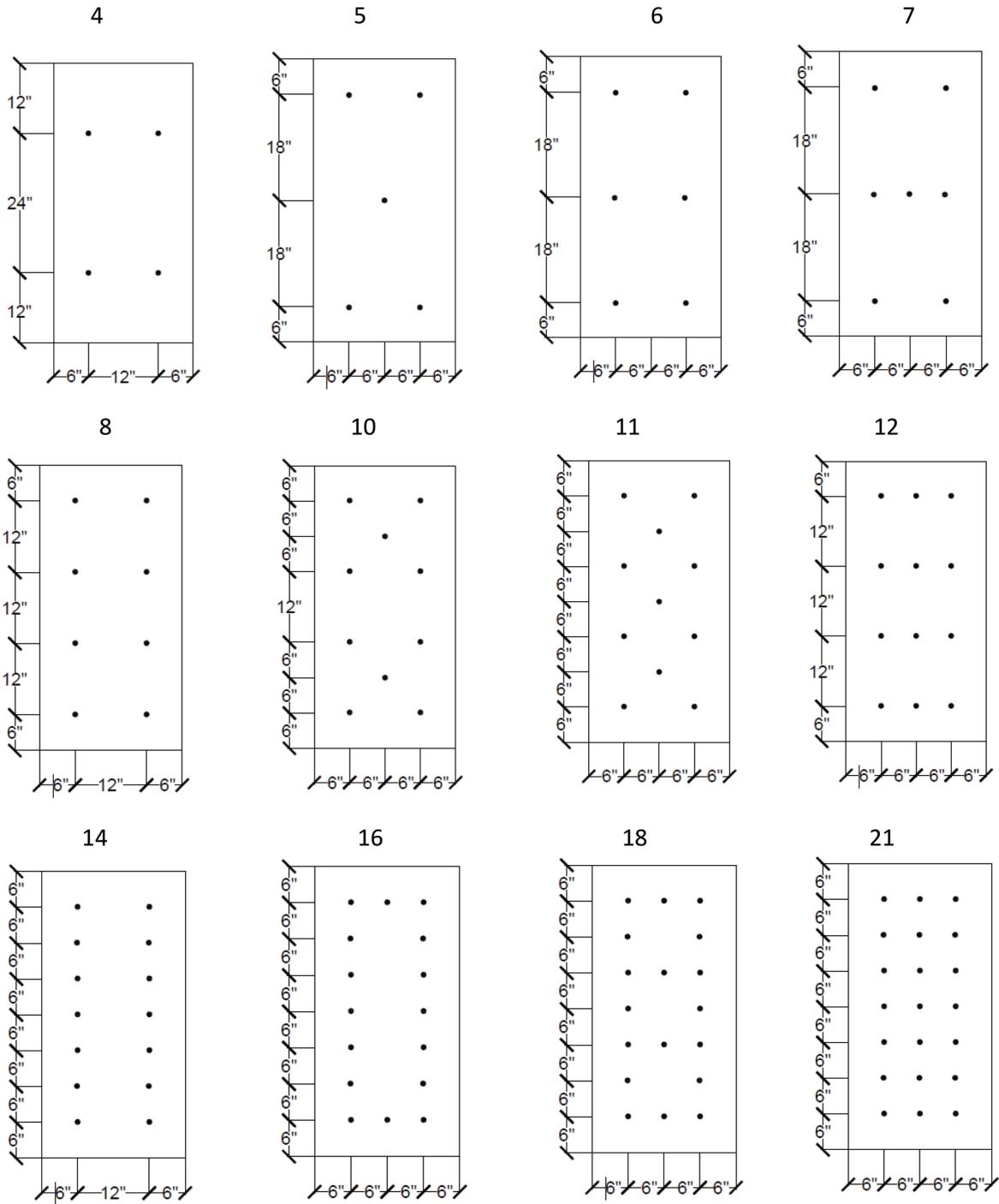
GAF will inspect only those roofs where a guarantee is to be issued or where special inspection services have been agreed to be purchased prior to the start of the roof construction, and the current charge for the guarantee or inspection services has been paid. If an inspection is requested and the job is not ready or the owner's representative is not available, an extra charge may apply.

GAF reserves the right to waive inspection of guaranteed roofs when, in its opinion, inspection is not necessary. In such cases, the owner or designer may request a special inspection for which an additional charge may apply.

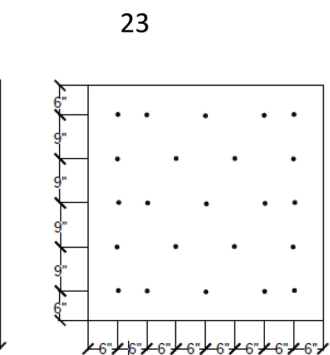
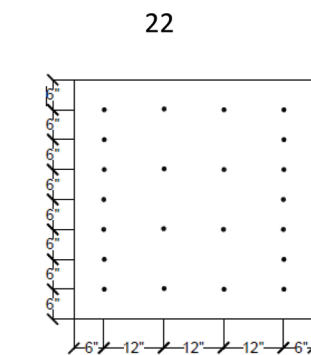
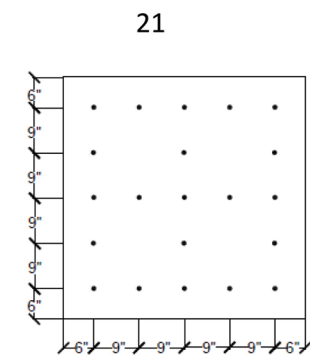
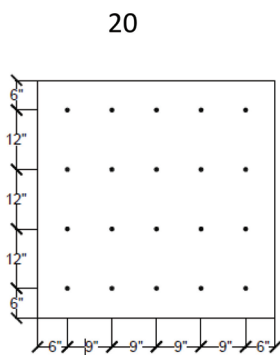
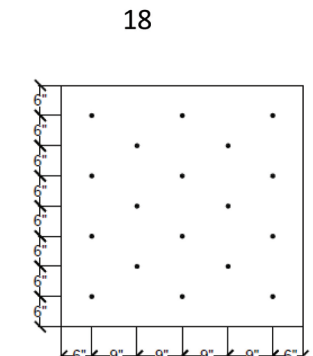
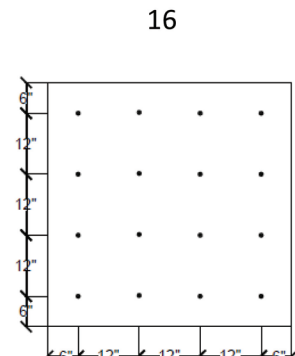
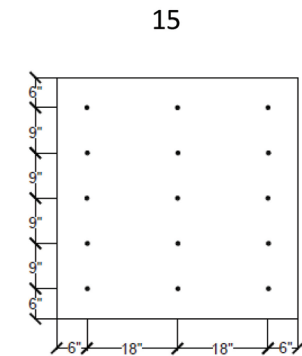
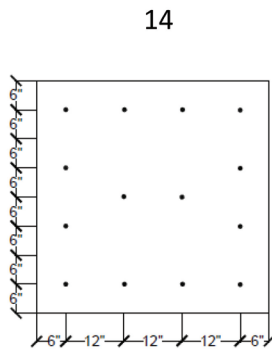
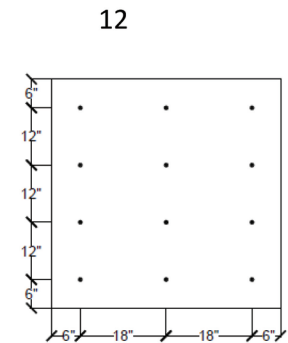
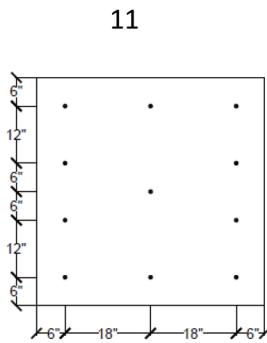
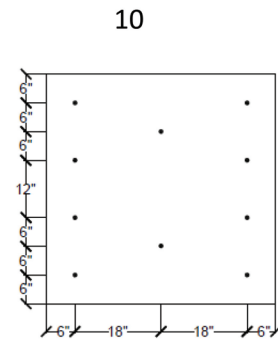
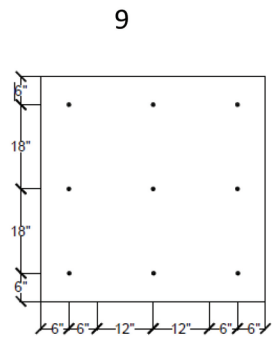
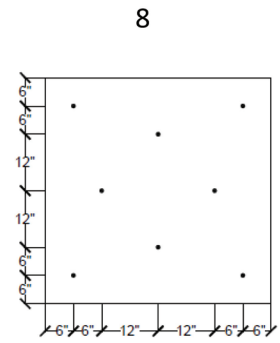
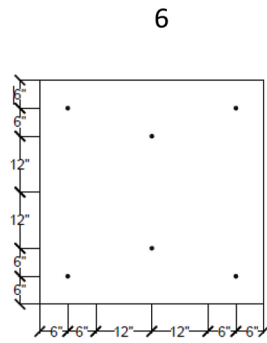
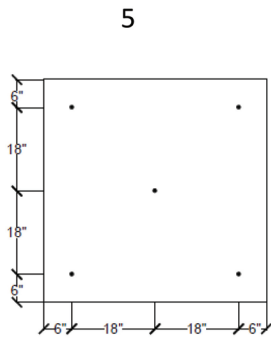
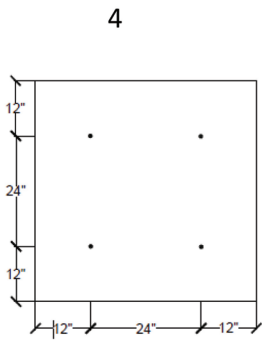
Any inspections made by GAF are for its own use only and do not constitute a waiver or modification of any of the terms and conditions of the guarantee.

Should a GAF Field Services Representative observe conditions on the job site that do not conform to the requirements of this Manual or standard good roofing practices, such conditions will be brought to the attention of the roofing contractor. GAF, at its sole discretion, has the right to require corrective action as it deems necessary to conform to the requirements of this Manual and the requirements for the issuance of the GAF guarantee.

2' x 4' (610 mm x 1.2 m) Boards

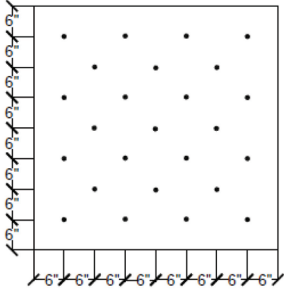


4' x 4' (1.2 m x 1.2 m) Boards

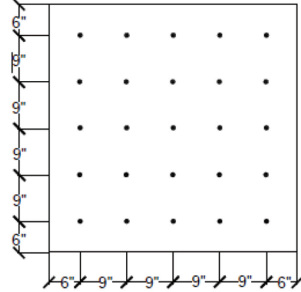


4' x 4' (1.2 m x 1.2 m) Boards (Cont.)

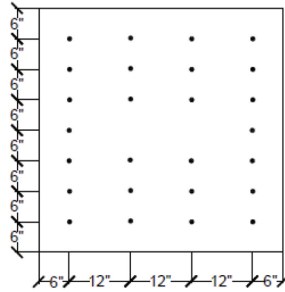
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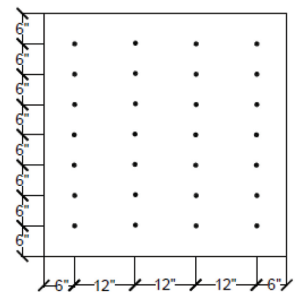
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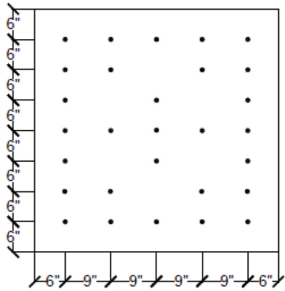
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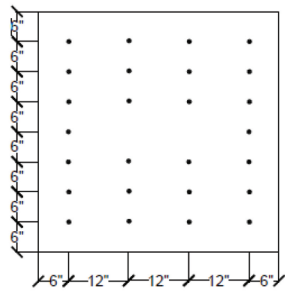
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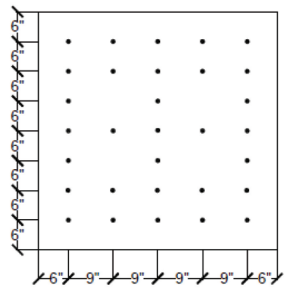
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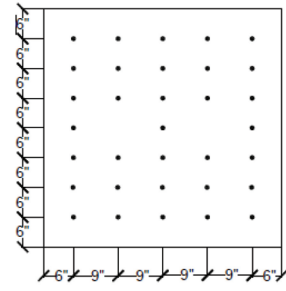
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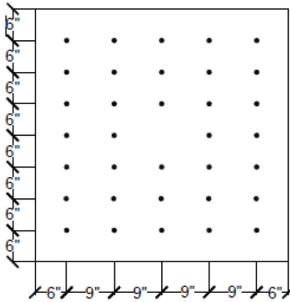
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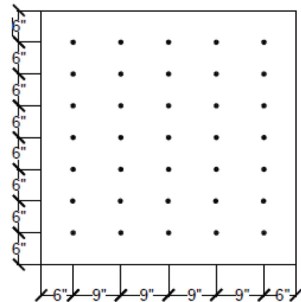
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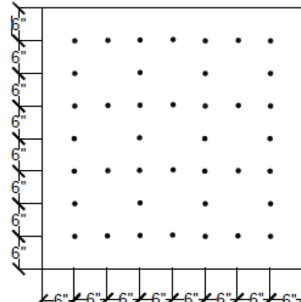
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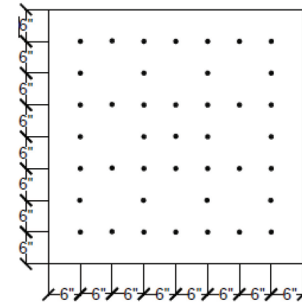
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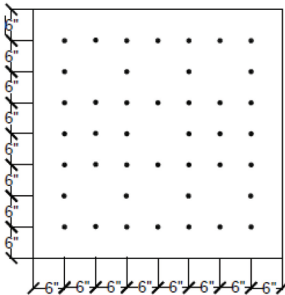
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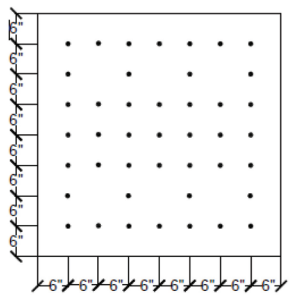
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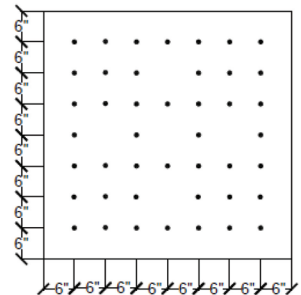
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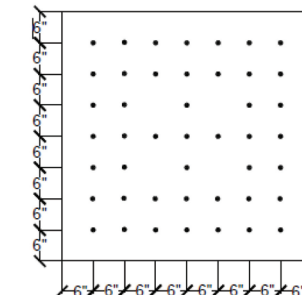
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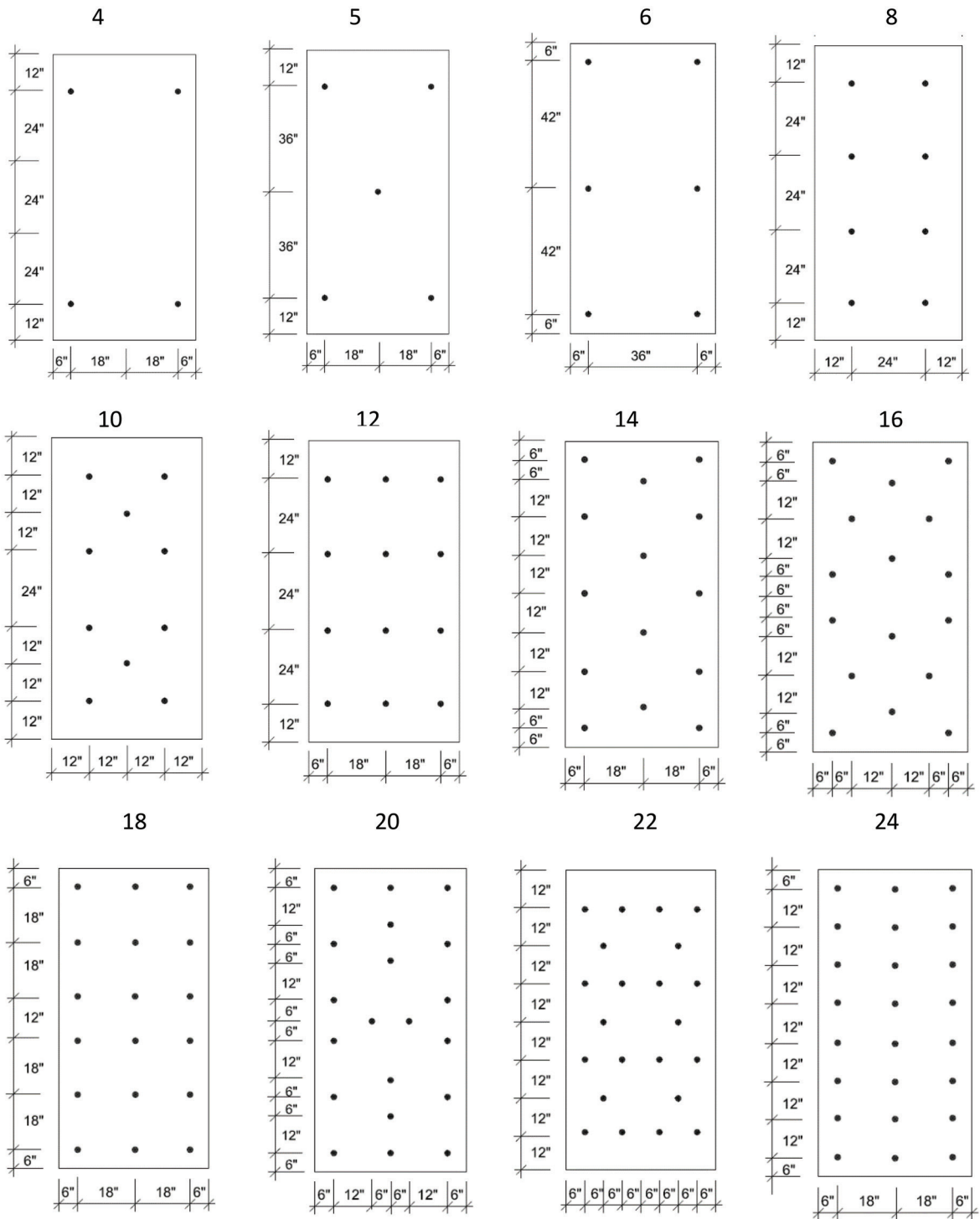
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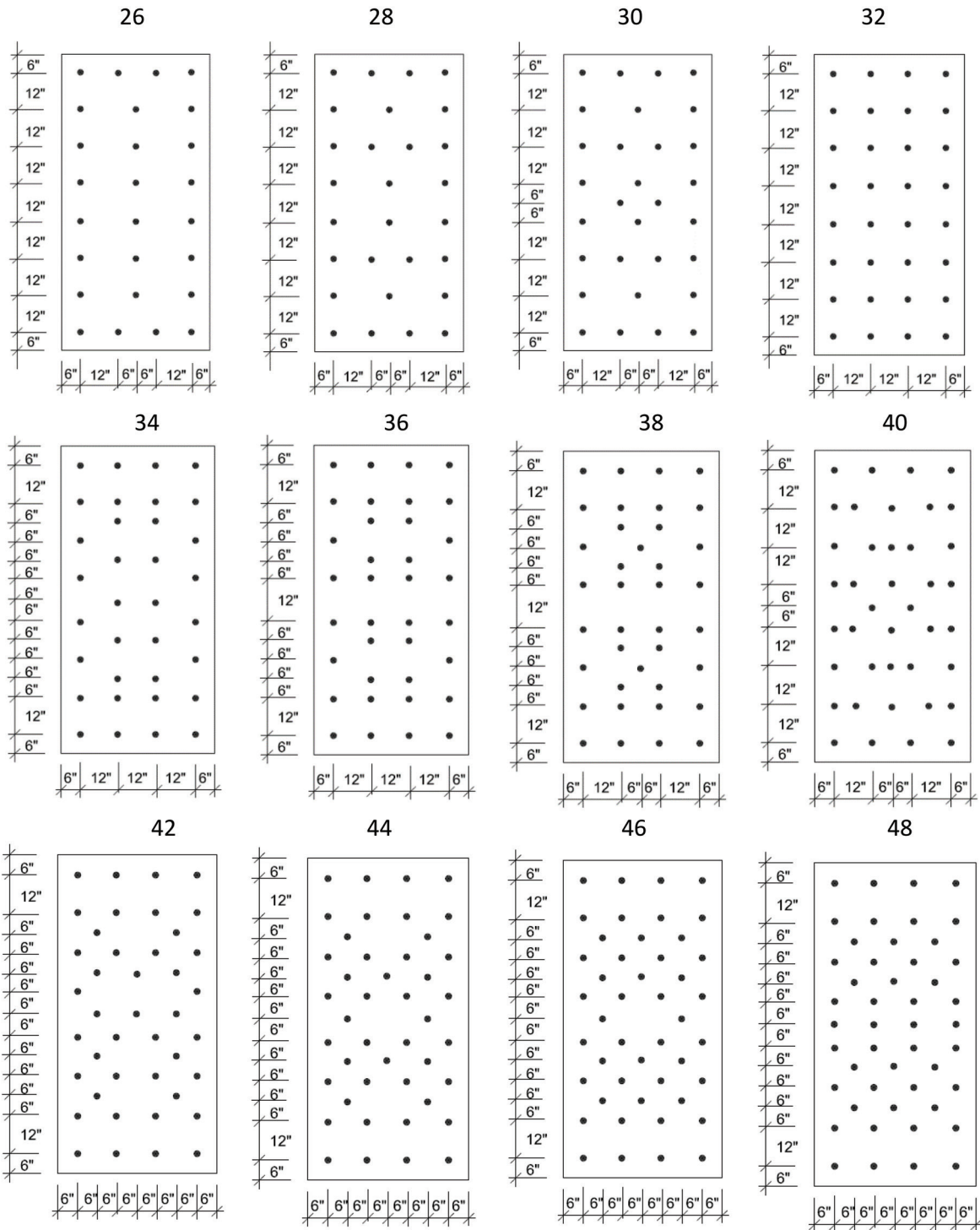
4' x 8' (1.2 m x 2.4 m) Boards



INSULATION FASTENING PATTERNS

EverGuard® TPO/PVC Architectural Roofing Details Manual

4' x 8' (1.2 m x 2.4 m) Boards (Cont.)



Details by Applicable System

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
100 Series - Field of Roof Details						
100E	Drill-Tec™ RhinoBond® Assembly Detail					X
101A	Roof Membrane Layout Detail	X				
101B	Roof Membrane Layout Detail		X	X	X	X
102A	Side Lap Detail	X				
102B	Side Lap Detail		X	X	X	X
102C	Side Lap Detail				X	
103A	Cover Strip End Lap Detail	X	X		X	
103B	End Lap Detail	X	X	X	X	
104A	End Lap Detail	X	X	X		
104B	End Lap Detail				X	
105A	T-Joint Cover Patch Detail	X	X	X		X
106	Roof Area Zone Layout Detail	X	X	X	X	X
107	Fastening Zones Locations over Steel Detail					X
108	Fastening Zones Locations over Wood Detail					X
110A	Ridge Detail	X				
110B	Ridge Detail		X	X	X	X
111A	Standard Fastening Pattern over Approved Steel and Concrete Decks Detail					X
111B	Standard Fastening Pattern over Wood Detail					X
112	Change of Plane Detail	X	X			X
113	Valley Detail	X	X			
113A	Valley Detail	X	X	X		
115	Cut Edge Sealant Detail	X	X	X	X	
116A	Membrane Edge Detail	X		X		

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
100 Series - Field of Roof Details						
120	Staggered Insulation Board Layout Detail					X
121	90 PSF Fastening Pattern Detail					X
122	120 PSF Fastening Pattern Detail					X
200 Series - Roof Edge Details						
202A	Coated Metal Roof Edge Detail	X	X		X	
202B	Roof Edge with TPO Cover Tape Detail	X	X		X	
204	Coated Metal Joint Detail	X	X		X	
205	Snap-on Fascia Roof Edge Detail - Option 1	X	X	X	X	
206	Snap-on Fascia Roof Edge Detail - Option 2	X	X	X	X	
208**	Termination Bar Roof Edge Detail	X	X		X	
211	Gutter with Coated Metal Edge Detail	X	X		X	
212**	Gutter with Termination Bar Detail	X	X		X	
213A	Cover Tape at Roof Edge Detail	X	X		X	
213B	Cover Tape at Roof Edge Detail	X	X		X	
214*	Cover Tape at Gutter Edge Detail	X	X		X	
214A*	Cover Tape at Gutter Edge Detail	X	X		X	
214B**	Cover Tape at Gutter Edge Detail					
215*	TPO Cover Tape Overlap at Roof Edge Detail	X	X		X	
215A*	Cover Tape Overlap at Roof Edge Detail	X	X		X	
215B**	Cover Tape Overlap at Roof Edge Detail	X	X		X	
216*	TPO Cover Tape at Metal Drip Edge Corner Detail	X	X	X	X	
216A*	Cover Tape at Roof Edge Corner Detail	X	X		X	
216B**	Cover Tape at Roof Edge Corner Detail	X	X		X	
217	Metal Edge Detail			X		
218**	Cover Tape HeatWeld Strip Overlap at Roof Edge Detail	X	X			

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
200 Series - Roof Edge Details						
219**	Cover Tape Heat-Weld Strip End Joint Detail	X	X		X	
220**	Cover Tape Heat-Weld Strip at Gutter Edge Detail	X	X		X	
221**	TPO Cover Tape Heat-Weld at Metal Drip Edge Corner Detail	X	X		X	
230	EZ Fascia Detail	X	X	X	X	X
231	EZ Fascia EX Detail	X	X	X	X	
233	Snap-On Fascia Detail	X	X	X	X	X
300 Series - Wall and Curb Details						
301	Parapet Wall Flashing with Counterflashing Detail	X	X	X	X	X
302	Wall/Curb Flashing with Termination Bar Detail	X	X	X	X	X
303	Wall Cap Detail	X	X	X	X	X
304	Wall Flashing with Coated Metal Edge Detail	X	X	X	X	X
307	Alternate Wall Base Termination Detail	X	X		X	
307A	Alternate Wall Base Termination Detail	X	X		X	
307B	Base Tie In at Angle Change Detail					X
308	Coated Metal Wall Flashing Detail	X	X	X	X	X
309	Wall Base Termination RapidSeam™ Detail				X	
310	Coated Metal Wall Flashing Joint Detail	X	X	X		
311	Coated Metal Wall Scupper Detail	X	X	X	X	
312	Threshold Flashing Detail	X	X	X	X	X
313	Wall Edge Flashing with Termination Bar Detail	X	X	X	X	
314	Vertical Wall Edge Termination with Coated Metal Detail	X	X	X	X	X
316**	Parapet Wall with Metal Edge and TPO Cover Tape Detail	X	X	X	X	X
317	Alternate High Wall Flashing Detail	X	X	X	X	X

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
300 Series - Wall and Curb Details						
317A	High Wall Flashing Detail -10' (3.05 m) Sheet	X	X	X		
317B	High Wall Flashing Detail - 5' (1.52 m) Sheet	X	X	X		
317C	High Wall Flashing Detail - With Plates and Fasteners	X	X	X	X	
317D	High Wall Flashing Detail - Intermittent Fastening	X	X	X	X	
318A	Termination Details 1-3	X	X	X	X	X
318B**	Termination Details 4-5	X	X	X	X	X
319	Counterflashing Re-Roof Detail	X	X	X		
322	Scupper - Field Fabricated Open Top Detail	X	X	X	X	
323	Scupper - Field Fabricated Open Top - Overflow Detail	X	X	X	X	X
324	Scupper - Premanufactured Detail	X	X	X	X	
325	Corner Curb Wrap Detail	X	X	X	X	
326A	RTA Strip Inside Corner Reinforcement Detail	X	X	X	X	
326B	RTA Strip Outside Corner Reinforcement Detail	X	X	X	X	
326C	RTA Strip Base Tie-In Detail	X	X	X	X	
326D	RTA Strip Alternate Based Tie-In Detail	X	X	X	X	
327A	Inside Corner Reinforcement - Preformed Corner Detail	X	X	X	X	X
327B	Inside Corner Reinforcement - Preformed Corner Detail	X	X	X	X	X
327D	Inside Corner Reinforcement - Field Fabrication Detail	X	X	X	X	X
327F	Inside Corner Reinforcement - Field Fabrication Detail				X	
328A	Inside Corner Fabrication 2 Step Pig Ear Up Detail	X	X	X	X	X
328B	Inside Corner Fabrication 2 Step Pig Ear Down Detail	X	X	X	X	X

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
300 Series - Wall and Curb Details						
329A	Outside Corner Reinforcement - Preformed Corner Detail	X	X	X	X	X
329B	Outside Corner Reinforcement - Fluted Corner Detail	X	X	X	X	X
329C	Outside Corner Reinforcement - Universal Corner Detail	X	X	X	X	X
330	RapidSeam™ Technology Strip-in Detail				X	
341	Raised Door Sill Flashing Detail	X	X	X	X	X
342	Low Door Sill Flashing Detail	X	X	X	X	X
343	Flush Door Sill Flashing Detail	X	X	X	X	X
345	Window Sill Flashing Detail	X	X	X	X	X
400 Series - Expansion Joint Details						
401A	Factory Fabricated Wall Expansion Joint - Flat Type	X	X	X	X	X
401B	Field Fabricated Expansion Joint - Flat Type Detail	X	X	X		X
401C	PVC Metalastic Expansion Joint - Flat Type Detail	X	X	X	X	X
402A	TPO Factory Fabricated Expansion Joint - Curb Type Detail	X	X	X	X	X
402B	Field Fabricated Expansion Joint - Curb Type Detail	X	X	X		X
402C	PVC Metalastic Expansion Joint - Curb Type Detail	X	X	X	X	X
403A	TPO Factory Fabricated Wall Expansion Joint - Flat Type Detail	X	X	X	X	X
403B	Field Fabricated Wall Expansion Joint Detail - Flat Type Detail	X	X	X	X	X
403C	PVC Metalastic Wall Expansion Joint - Flat Type Detail	X	X	X	X	X
404A	TPO Factory Fabricated Wall Expansion Joint - Curb Type Detail	X	X	X	X	X
404B	Field Fabricated Wall Expansion Joint - Curb Type Detail	X	X	X	X	X
404C	PVC Metalastic Wall Expansion Joint - Curb Type Detail	X	X	X	X	X

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
500 Series - Roof Penetration Details						
503A	Termination at R.T.U. with Welded Lap Detail	X	X	X	X	X
503B	Termination at Existing R.T.U. with Counterflashing Detail	X	X	X	X	X
505	Roof Hatch Detail	X	X	X	X	X
506A	Premolded Vent Boot Flashing Detail	X	X	X	X	X
507	Field-Wrapped Penetration Flashing Detail	X	X	X	X	X
508	High Temperature Stack Flashing Detail	X	X	X	X	X
509	Coated Metal Sealant Box Penetration Flashing Detail	X	X	X	X	X
511	Exposed Wood Equipment Support Sleeper Detail	X	X	X	X	X
512	Concealed Wood Equipment Support Detail	X	X	X	X	X
513	Drain Standard Drain Flashing Detail	X	X	X	X	X
514	Drain EverGuard® TPO Coated Drain Detail	X	X	X	X	X
515	Drain Hercules® Coated Metal Drain Detail	X	X	X	X	X
516	Drain OMG® SpeedTite™ Coated Metal Drain Detail	X	X	X	X	X
518	Drain - Severe Sump Target Detail	X	X	X		
519	Drain - Pre Target Detail	X	X	X	X	
520	Drain - Post Target Detail	X	X	X	X	X
522	Preformed Penetration Flashing Detail	X	X	X	X	X
524	Split Pipe Boot Detail	X	X	X	X	
525A	Pourable Sealant Pocket Detail	X	X	X	X	X
525B	Pourable Sealer Pocket Detail	X	X	X	X	X
526A	Non-Split Conical Pipe Boot Detail	X	X	X	X	X
526B	Split Conical Pipe Boot Detail	X	X	X	X	X
527	Square Tube Wrap Detail	X	X	X	X	X
528	TPO Vent Detail	X	X	X	X	X
530	TPO T-TOP Vent Detail	X	X	X	X	X

DETAILS BY APPLICABLE SYSTEMS

EverGuard® TPO/PVC Architectural Roofing Details Manual

Details by Applicable System (Cont.)

Detail Number	Detail Name	Mechanically Attached	Adhered	Ballast	Self-Adhered	RhinoBond®
600 Series - Special Construction Details						
601A	Steep-Slope Tie-In Detail	X	X	X	X	X
601B	PVC Steep-Slope Tie-In Detail	X	X	X	X	X
602	Curb Type Tie-In at Flat Roof Detail	X	X	X	X	X
603	Paver Walkway Installation Detail			X		
604	Heat-Welded Walkway Installation Detail	X	X	X	X	X
605	Adhered Looped Lighting Suppression Mounting Detail	X	X	X	X	X
607	Wall Mounted Air Terminal Base Detail	X	X	X	X	X
608	Satellite Dish Mounting Detail	X	X	X	X	X
609A	TPO to Existing EPDM Detail	X	X	X	X	
609B	TPO to Existing EPDM Detail - Alternate Detail	X	X	X	X	X

* 15-Year Max Guarantee Length

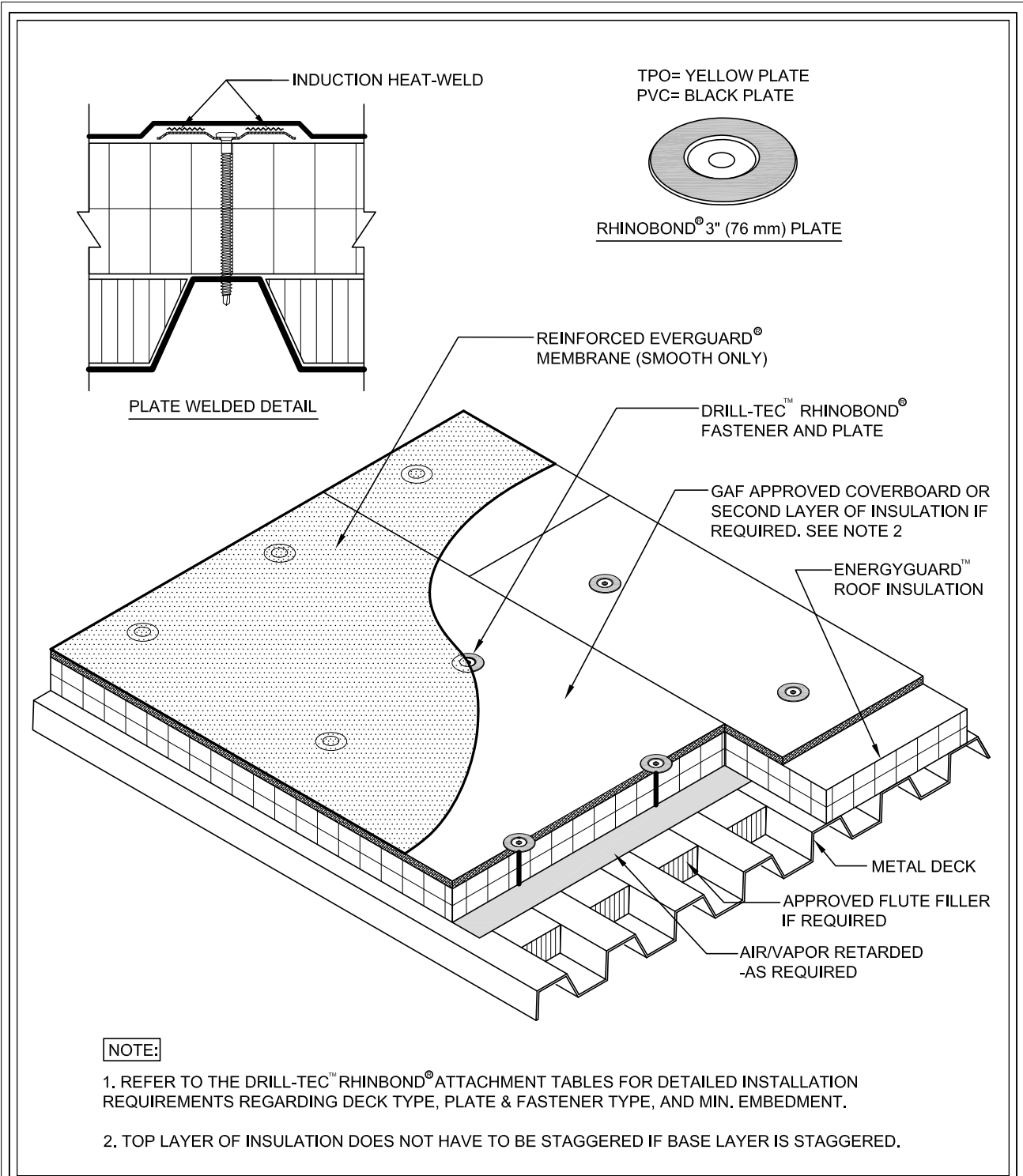
** 20-Year Max Guarantee Length

100 Series Field of Roof Details

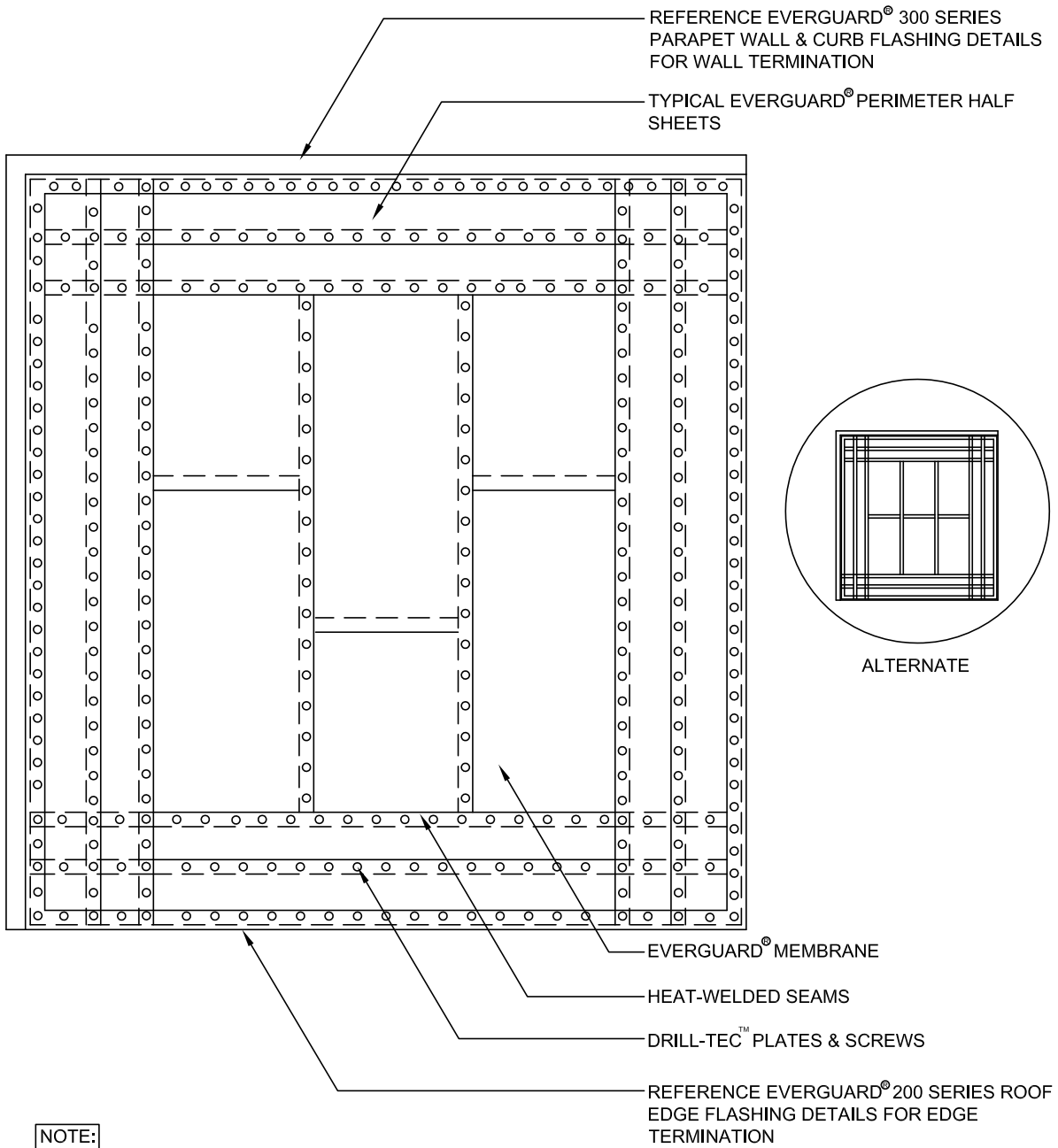


Quick access to installation videos and detail drawings for EverGuard® single-ply systems.

Visit http://www.gaf.com/roofing/commercial/smart_details for further information.





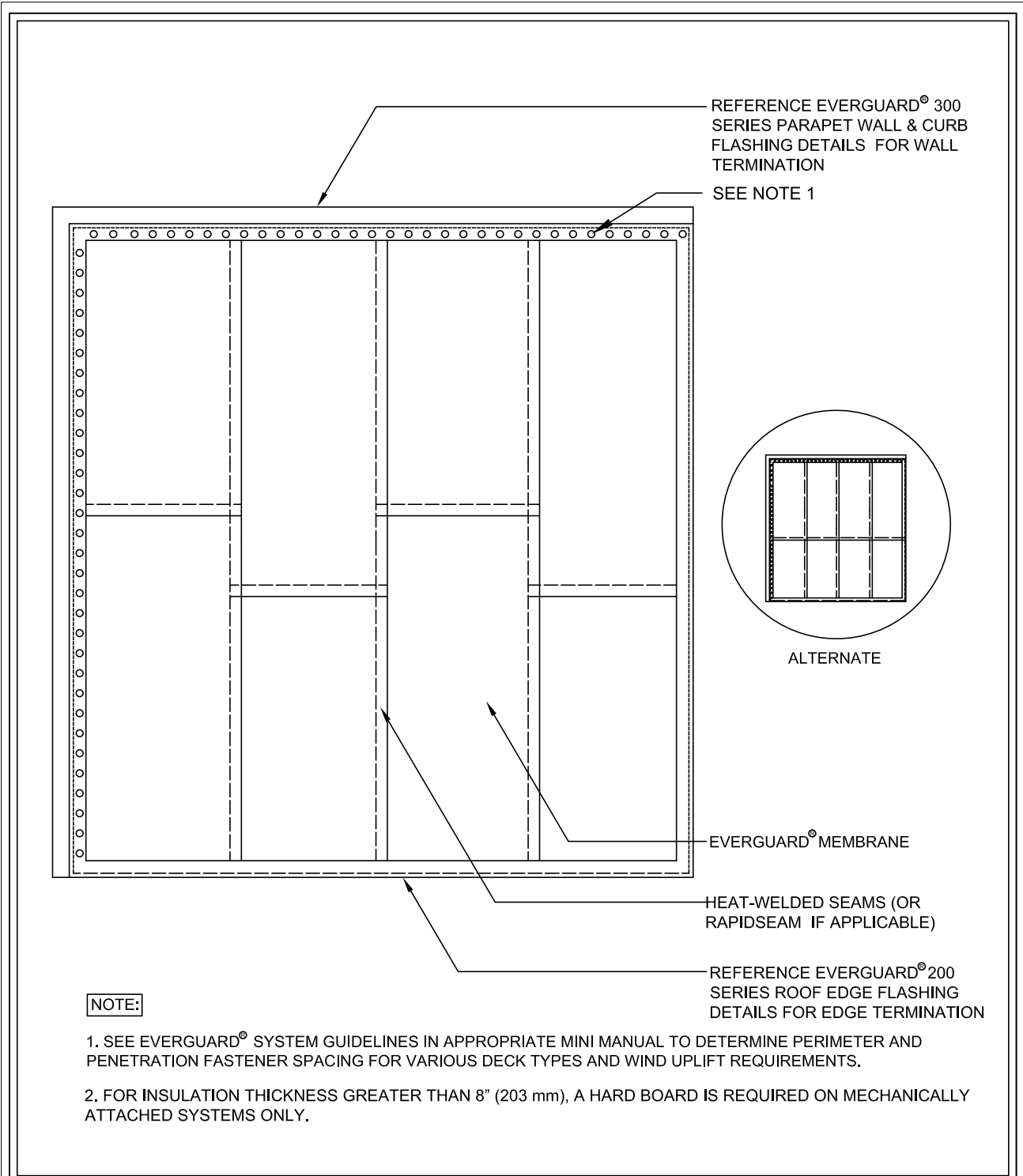
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	DRILL-TEC™ RHINOBOND® ASSEMBLY DETAIL	THIS DETAIL APPLIES TO: RHINOBOND® ATTACHMENT SYSTEMS
		100E		





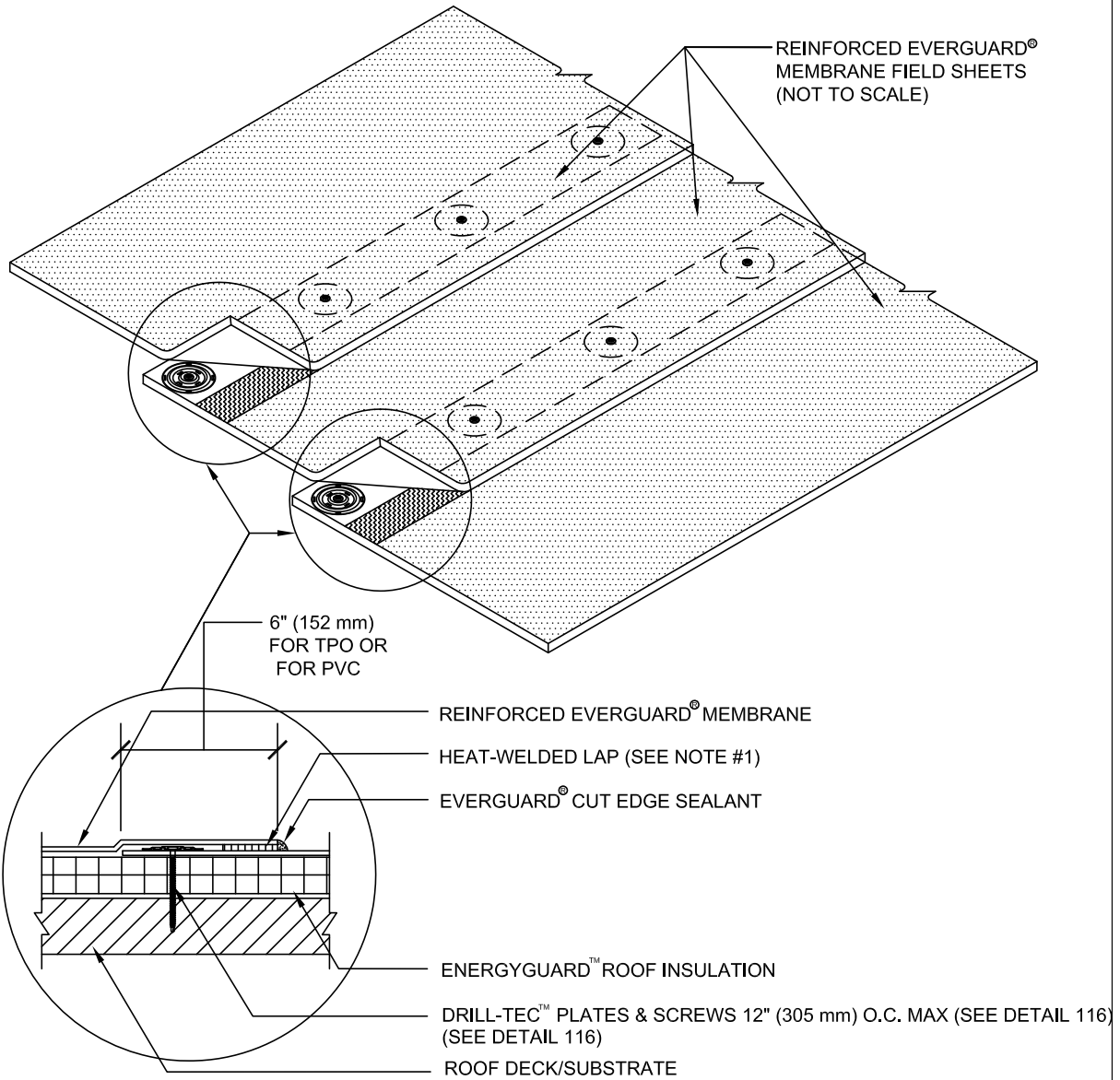
NOTE:

1. SEE EVERGUARD® MECHANICALLY ATTACHED SYSTEM GUIDELINES TO DETERMINE FASTENER SPACING FOR VARIOUS DECK TYPES AND WIND UPLIFT REQUIREMENTS, AND FOR REQUIRED NUMBER OF PERIMETER HALF SHEETS.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A COVER BOARD IS REQUIRED ON MECHANICALLY ATTACHED SYSTEMS ONLY.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	101A ROOF MEMBRANE LAYOUT DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Mechanically Attached Systems
N.T.S.				REVISION DATE
				6-15-17





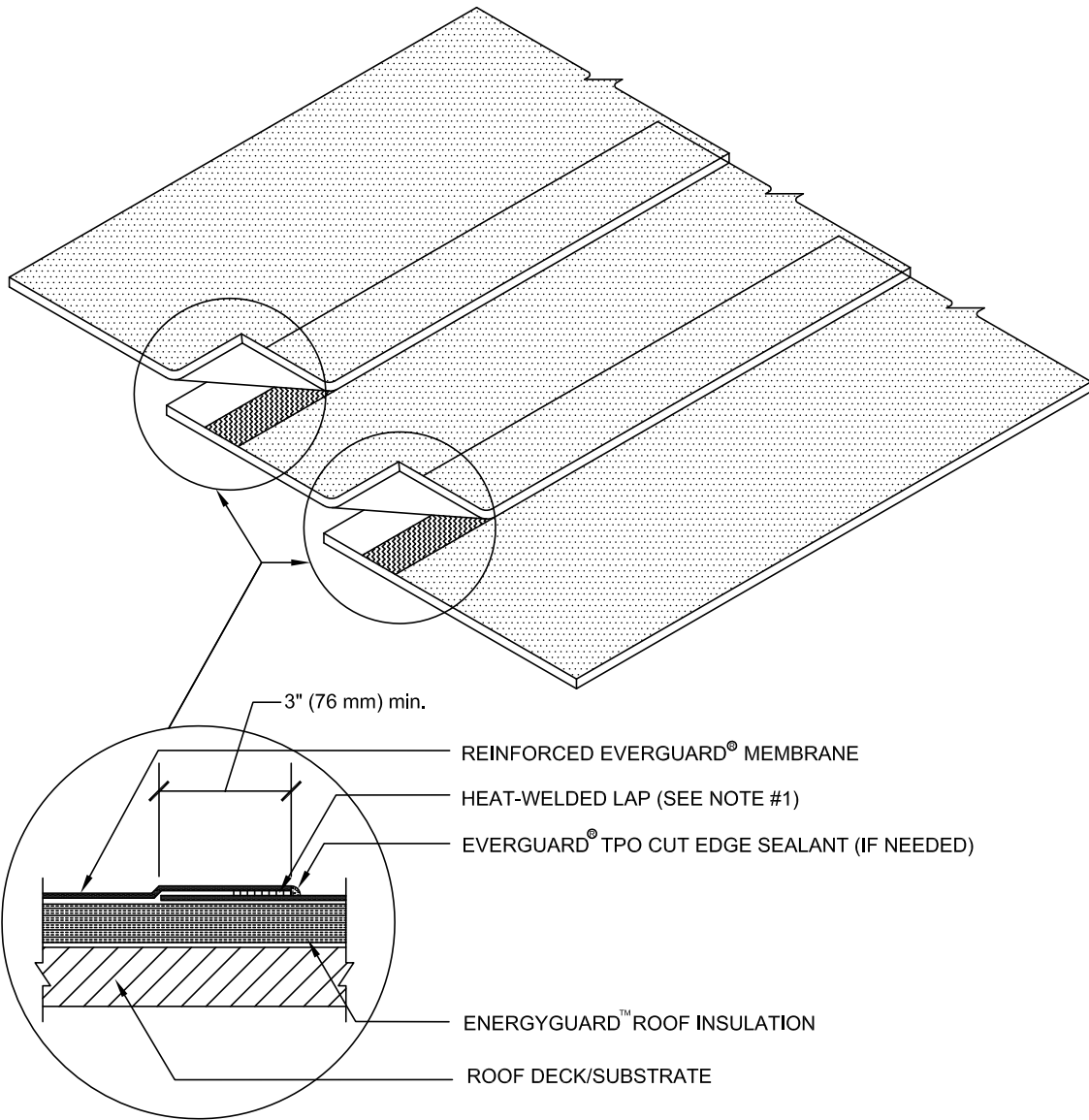
 1361 Alps Rd. Wayne, NJ 07470 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	101B ROOF MEMBRANE LAYOUT DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems RhinoBond Systems Self - Adhered Systems
		SCALE		
		N.T.S.		6-26-17



NOTE:



1. FOR HEAT-WELDING LAPS USE 1.5" MAX (25.4 mm) WELD WITH MACHINE AUTOMATIC WELDER AND 1.5" (127 mm) WELD WITH HAND WELDER.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

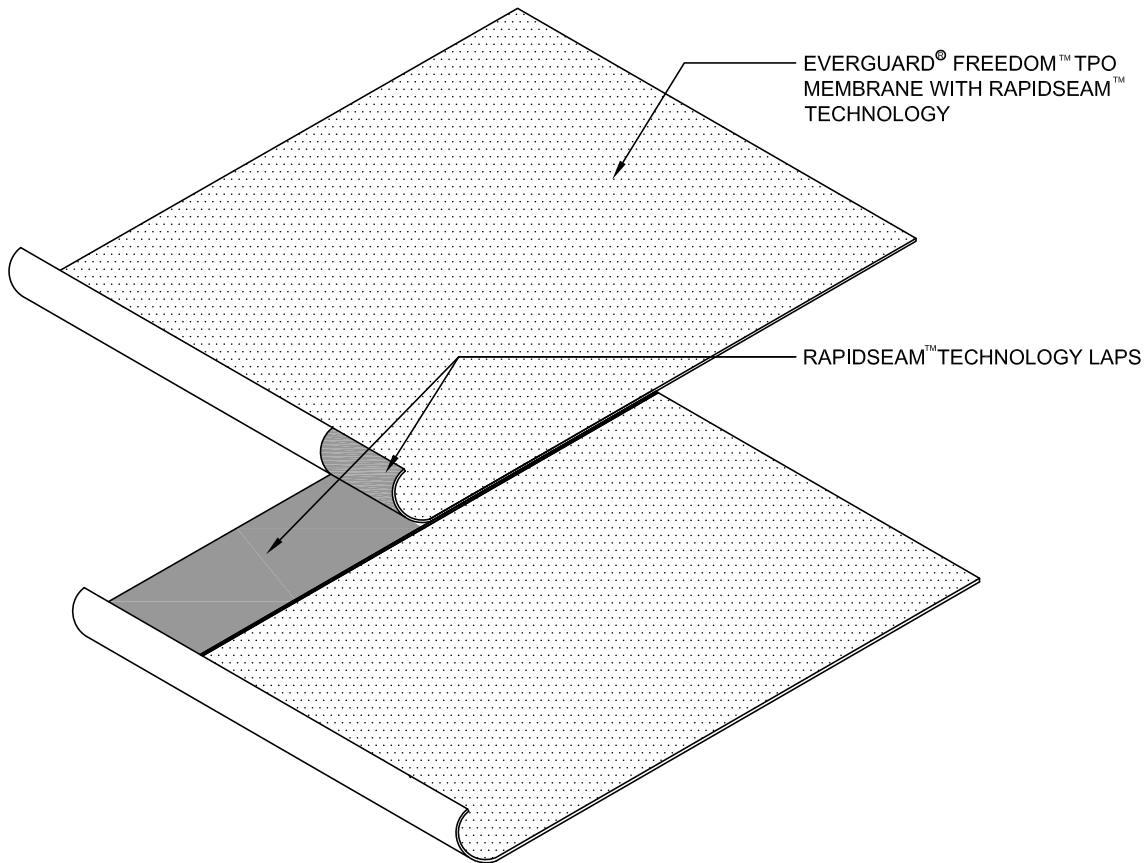
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	SIDE LAP DETAIL	THIS DETAIL APPLIES TO:
		102A		Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		6-20-16



NOTE:



1. FOR HEAT-WELDING LAPS USE 1.5" MAX (25.4 mm) WELD WITH MACHINE AUTOMATIC WELDER AND 1.5" (127 mm) WELD WITH HAND WELDER.
2. FOR SELF-ADHERING MEMBRANE, THIS DETAIL DOES NOT APPLY TO RAPIDSEAM™ TECHNOLOGY MEMBRANE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING # 102B	SIDE LAP DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems RhinoBond Systems Self - Adhered Systems (Heat-weld only)
		SCALE N.T.S.		REVISION DATE 6-20-16



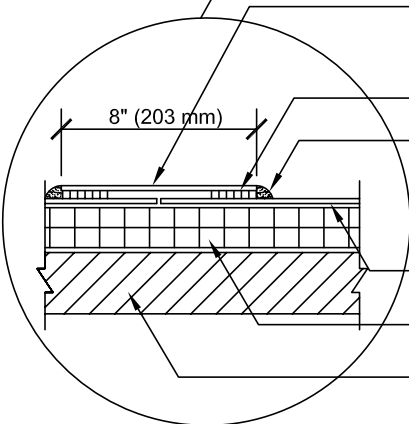
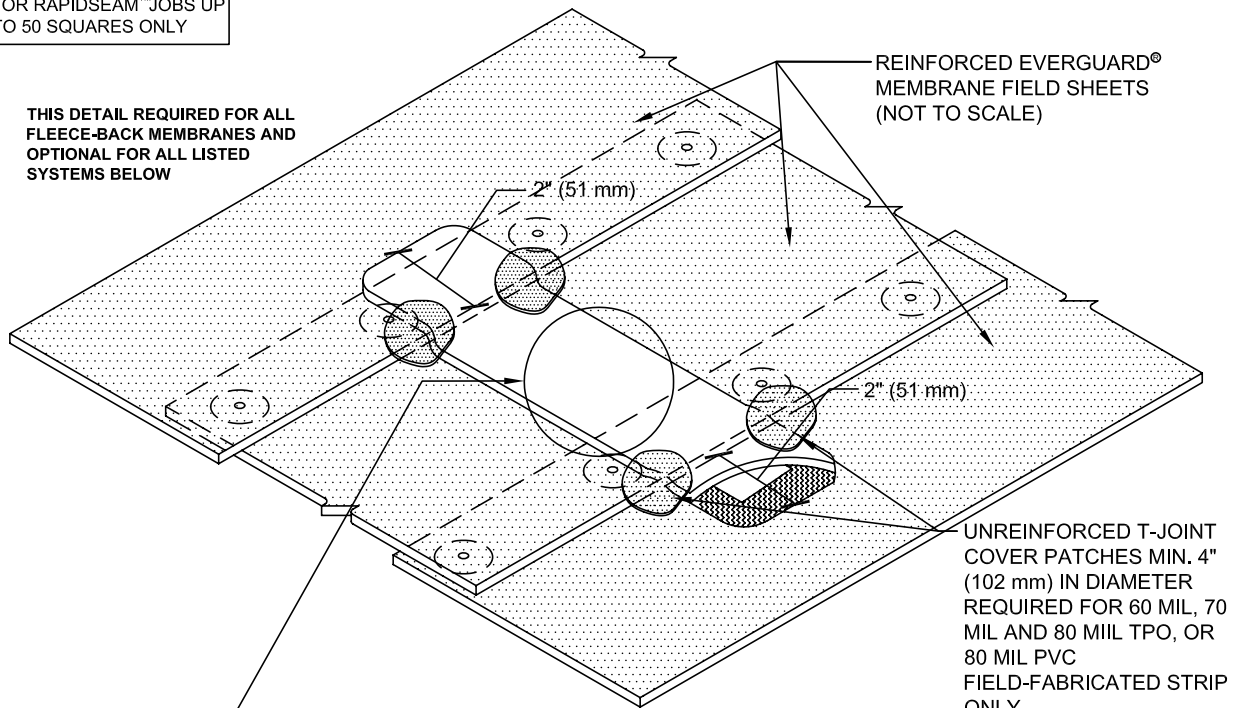
NOTE:

1. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, UP TO 10-YR. MAXIMUM GUARANTEE ONLY.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	102C FACTORY SEAM SIDE LAP DETAIL RAPID SEAM™ TECHNOLOGY	THIS DETAIL APPLIES TO:
		SCALE		Self-Adhered Systems (RAPIDSEAM™ TECHNOLOGY MEMBRANE ONLY)
		N.T.S.		REVISION DATE
				1-1-16

FOR RAPIDSEAM™ JOBS UP TO 50 SQUARES ONLY


THIS DETAIL REQUIRED FOR ALL FLEECE-BACK MEMBRANES AND OPTIONAL FOR ALL LISTED SYSTEMS BELOW

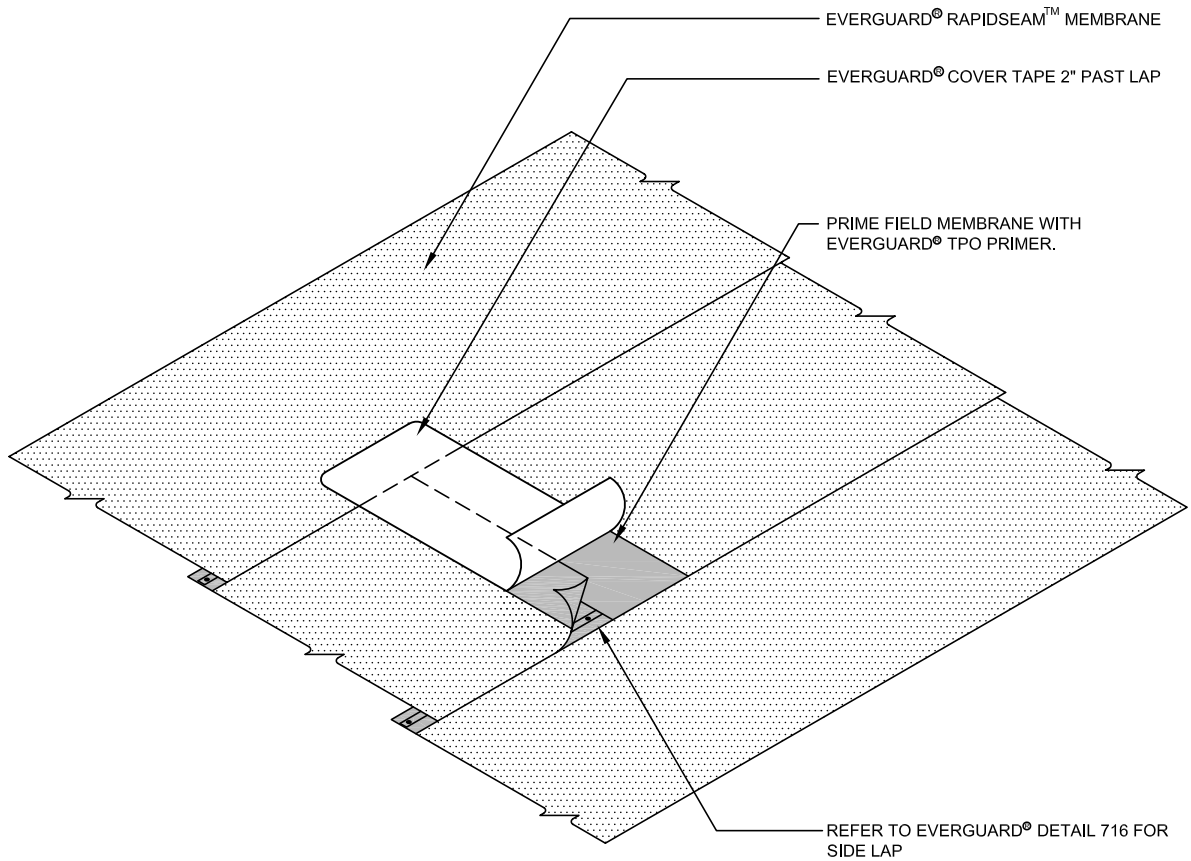


- EVERGUARD® TPO FLASHING STRIP ACCESSORY OR 8" (203 mm) WIDE REINFORCED EVERGUARD® MEMBRANE (EVERGUARD® COVER TAPE FOR RAPIDSEAM™ ONLY)
- HEAT-WELDED LAP (SEE NOTE #2)
- EVERGUARD® CUT EDGE SEALANT WITH TPO ONLY
- REINFORCED EVERGUARD® MEMBRANE
- ENERGYGUARD™ ROOF INSULATION
- ROOF DECK/SUBSTRATE

NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IN SELF-ADHERED SYSTEMS, MEMBRANE MUST BE PRIMED AND DRY PRIOR TO APPLYING 6" (152mm) DOUBLE SIDED TAPE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

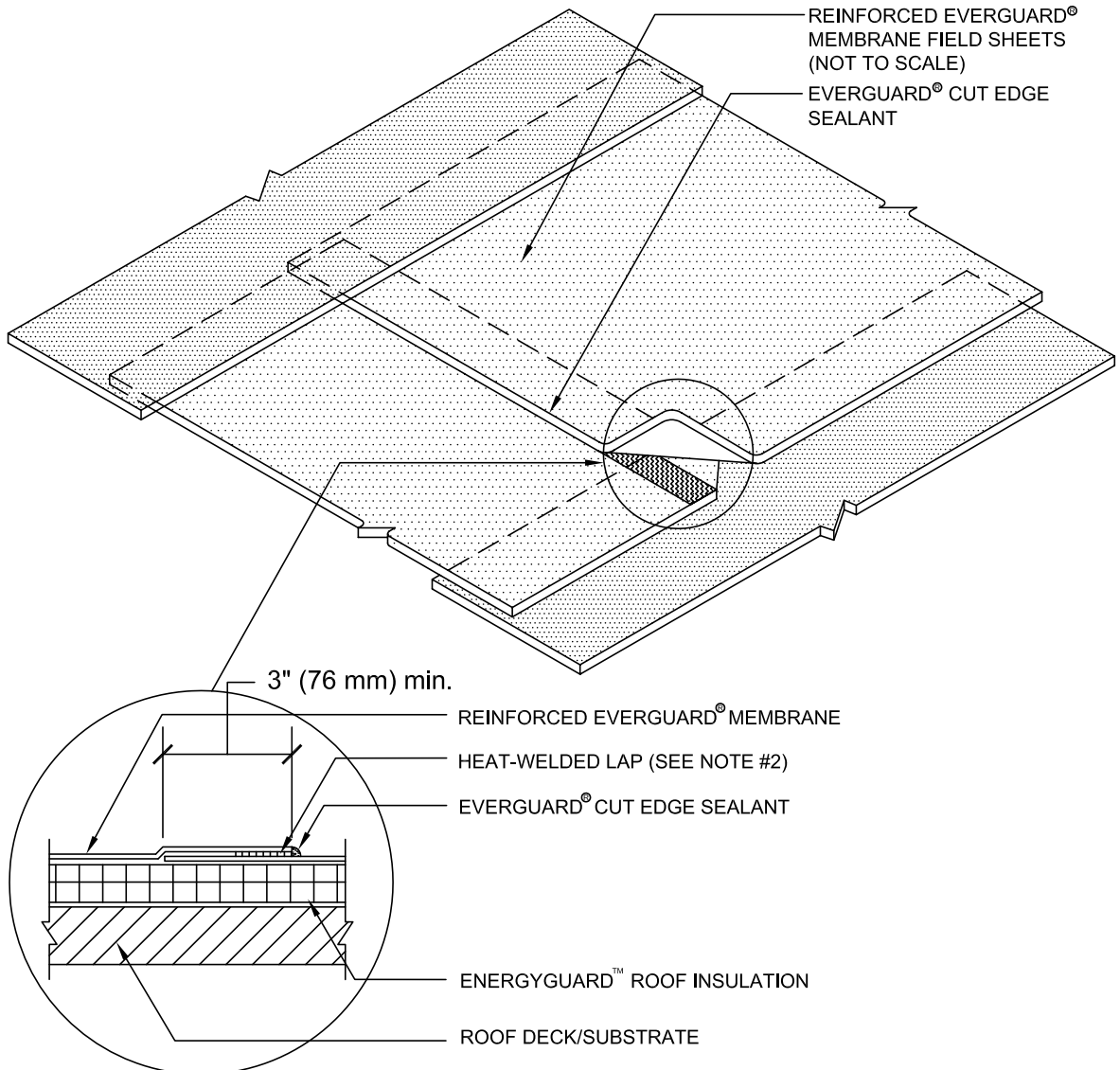
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	103A	COVER STRIP END LAP DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		SCALE			
		N.T.S.			12-12-17



NOTE:



1. APPLY FLEXSEAL™ CAULK GRADE SEALANT TO ALL EVERGUARD® STRIP-IN TAPE EDGES.

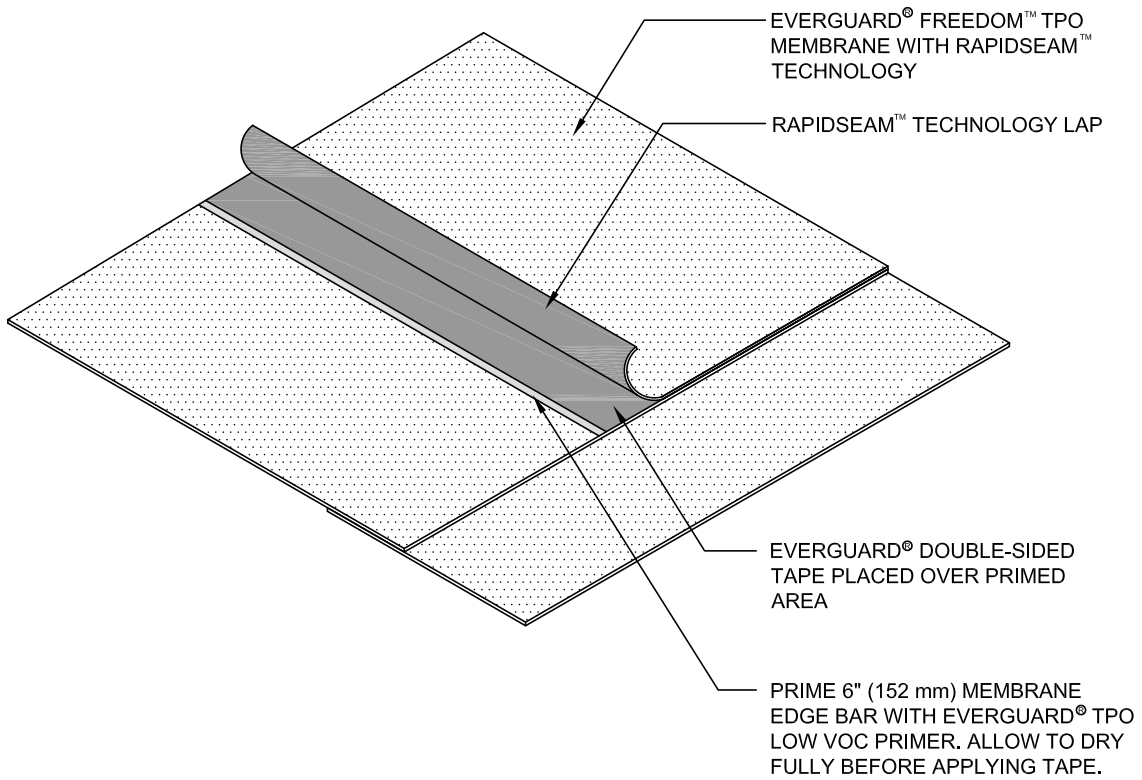
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 FIELD OF ROOF SERIES	DRAWING # 103B	END LAP DETAIL	THIS DETAIL APPLIES TO: RapidSeam™ Systems
		SCALE N.T.S.	TPO ONLY	REVISION DATE 10-3-17



NOTE:



1. T-JOINT PATCH REQUIRED FOR 60, 70 & 80 MIL TPO AND 80 MIL PVC, REFER TO EVERGUARD® DETAIL 105.
2. FOR HEAT-WELDING LAPS USE 1" MAX (25.4 mm) WELD WITH AUTOMATIC MACHINE WELDER AND 2" WELD WITH HAND WELDER.
3. FOR SELF-ADHERED HEAT-WELDED SYSTEMS, UP TO 15-YR. MAXIMUM GUARANTEE ONLY.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

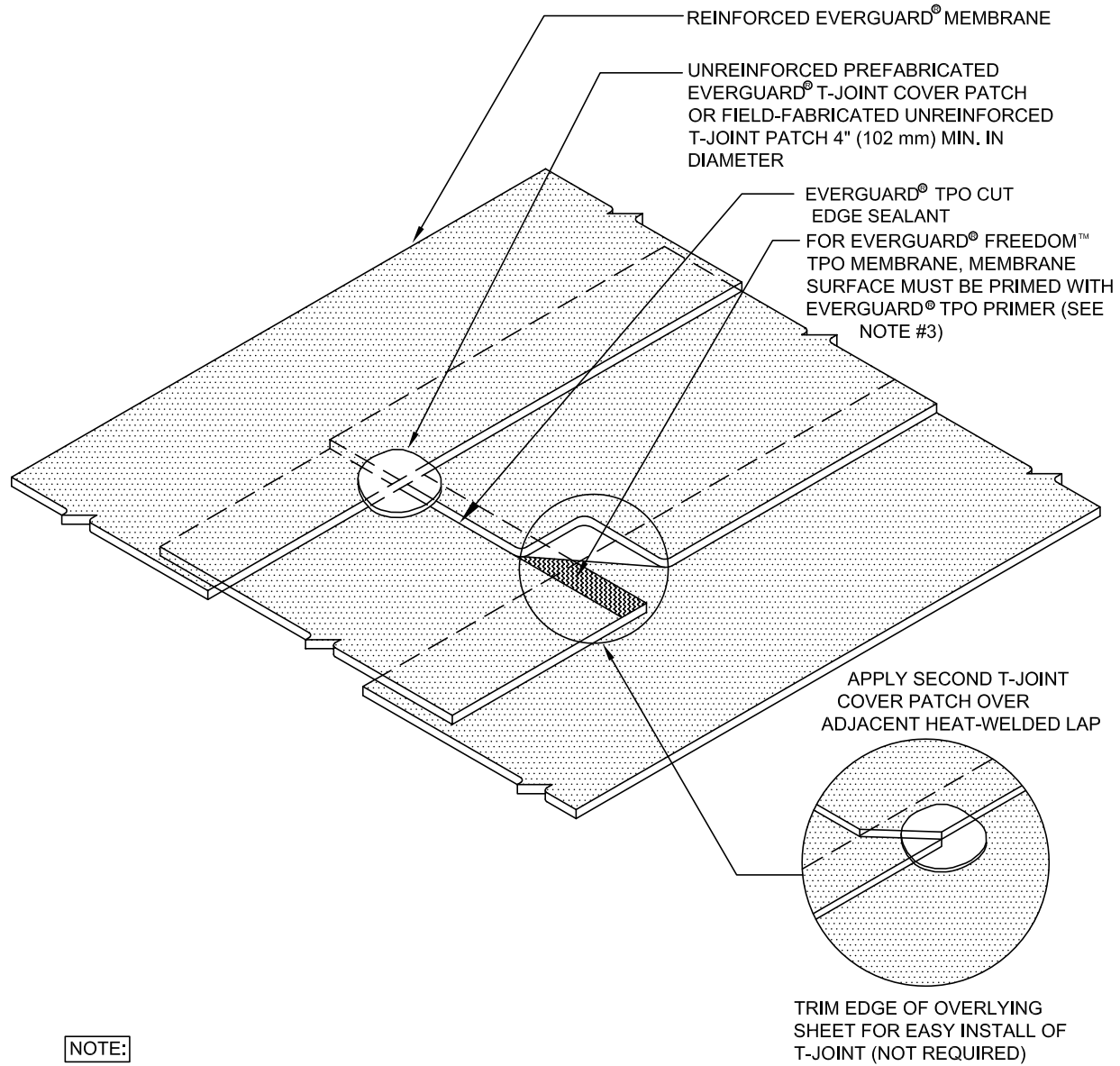
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	<h2>END LAP DETAIL</h2>	THIS DETAIL APPLIES TO:
		<h1>104A</h1>		Adhered Systems Ballasted Systems Mechanically Attached Systems
		SCALE	FOR 45 MIL TPO AND 50 & 60 MIL PVC MEMBRANE ONLY	REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, UP TO 10-YR. MAXIMUM GUARANTEE ONLY.
2. MEMBRANE MUST BE PRIMED AND DRY PRIOR TO APPLYING EVERGUARD® DOUBLE-SIDED TAPE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING # 104B	END LAP DETAIL RAPID SEAM™ TECHNOLOGY	THIS DETAIL APPLIES TO: Self-Adhered Systems (RAPIDSEAM™ TECHNOLOGY MEMBRANE ONLY)
		SCALE N.T.S.		REVISION DATE 9-20-16



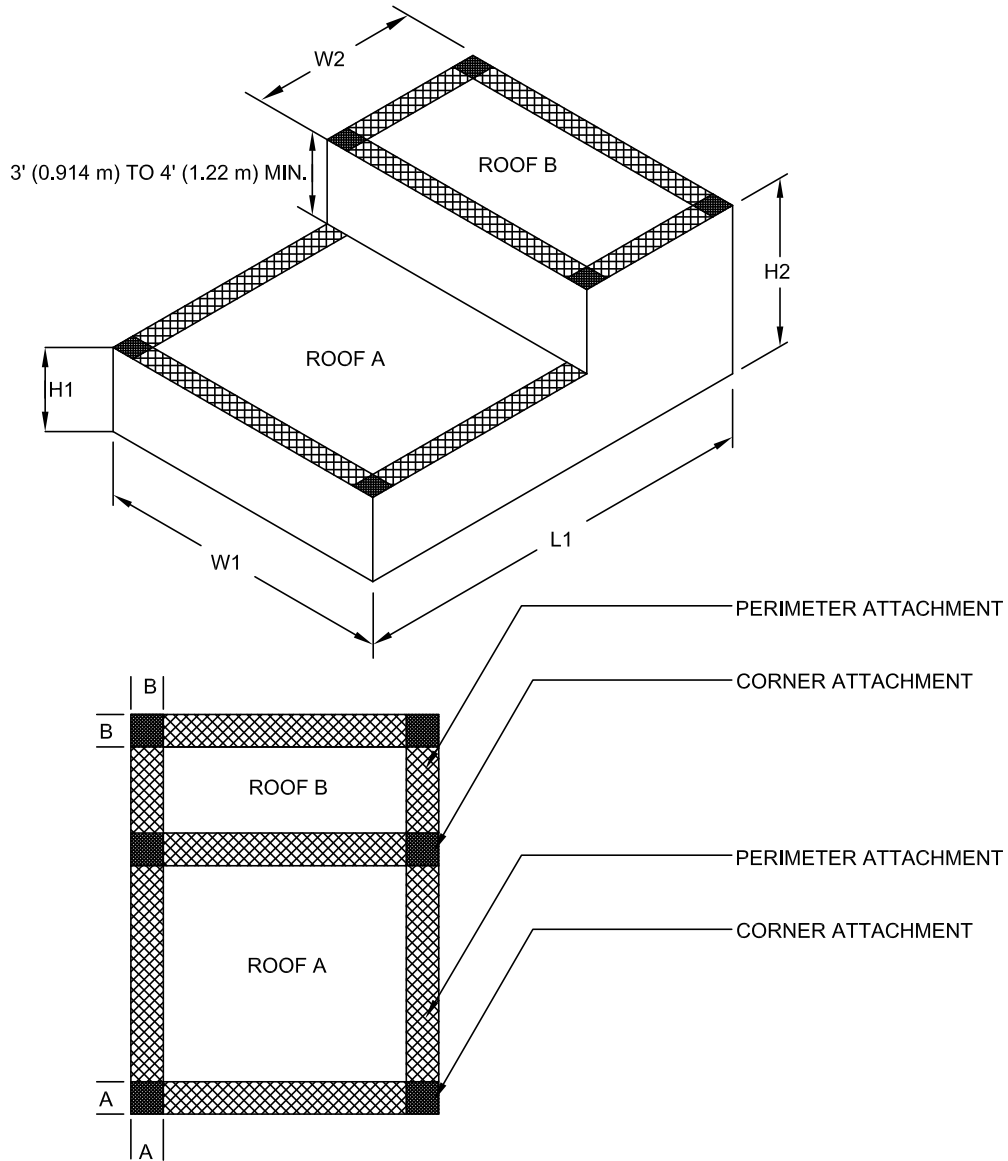
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. T-JOINT IS TO BE USED FOR 60, 70 & 80 MIL TPO AND 80 MIL PVC ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

APPLY SECOND T-JOINT COVER PATCH OVER ADJACENT HEAT-WELDED LAP

TRIM EDGE OF OVERLYING SHEET FOR EASY INSTALL OF T-JOINT (NOT REQUIRED)

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 FIELD OF ROOF SERIES	DRAWING #	T-JOINT COVER PATCH DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems RhinoBond Systems Mechanically Attached Systems
		105A		
				REVISION DATE 6-26-17



NOTE:

1. WIDTH OF PERIMETER TREATMENT (A OR B) SHALL BE 10% OF THE BUILDING'S NARROWEST WIDTH (W) OR 40% OF THE BUILDING EAVE HEIGHT (H), WHICHEVER IS LESS, WITH 4' (1.22 m) BEING THE MIN. FOR STANDARD GAF GUARANTEE REQUIREMENTS. SEE HALF-SHEET REQUIREMENTS IN MECHANICALLY ATTACHED SECTION.
2. FOR ADHERED, SELF-ADHERED, AND RHINOBOND SYSTEMS, SEE INSULATION TABLE FOR ENHANCEMENTS.



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 FIELD OF ROOF
 SERIES

DRAWING #
106

SCALE
 N.T.S.

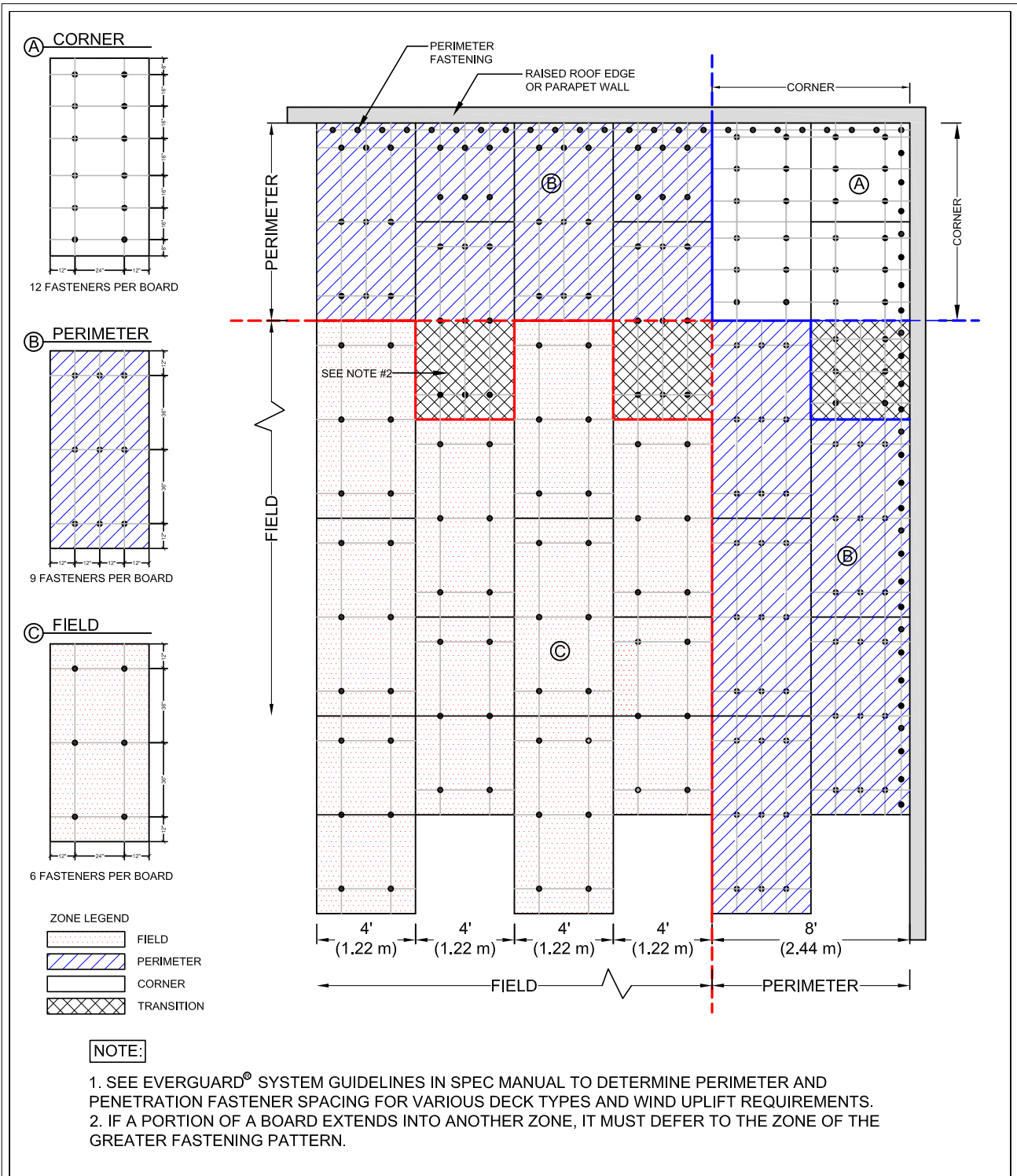
ROOF AREA ZONE LAYOUT DETAIL

THIS DETAIL APPLIES TO:
 Adhered Systems
 Ballasted Systems
 Mechanically Attached Systems
 Self-Adhered Systems
 RhinoBond Systems

REVISION DATE
 6-1-16

ARCHITECTURAL DETAIL DRAWINGS
 EverGuard® TPO/PVC Architectural Roofing Details Manual

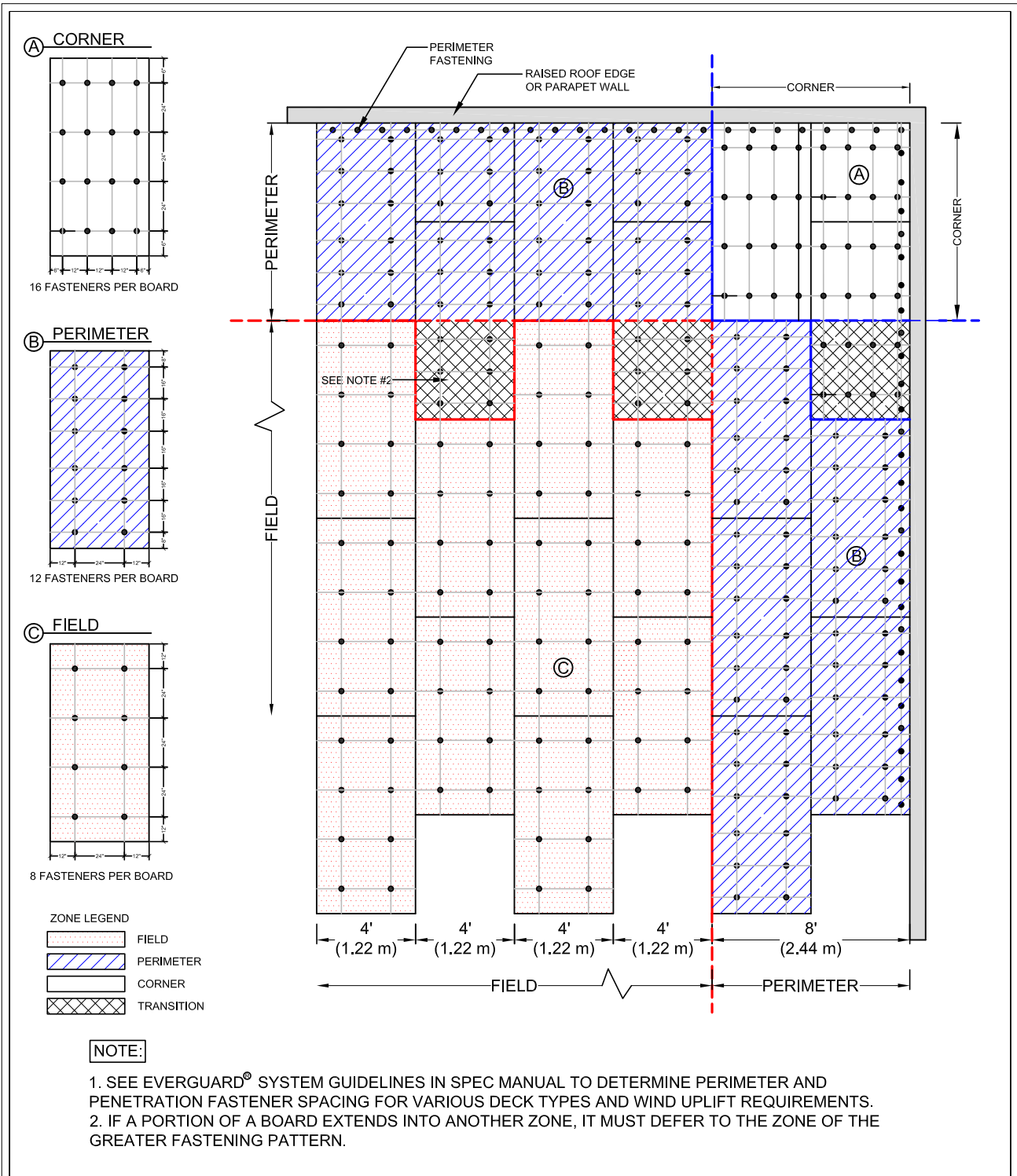
100 Series
 Field of Roof



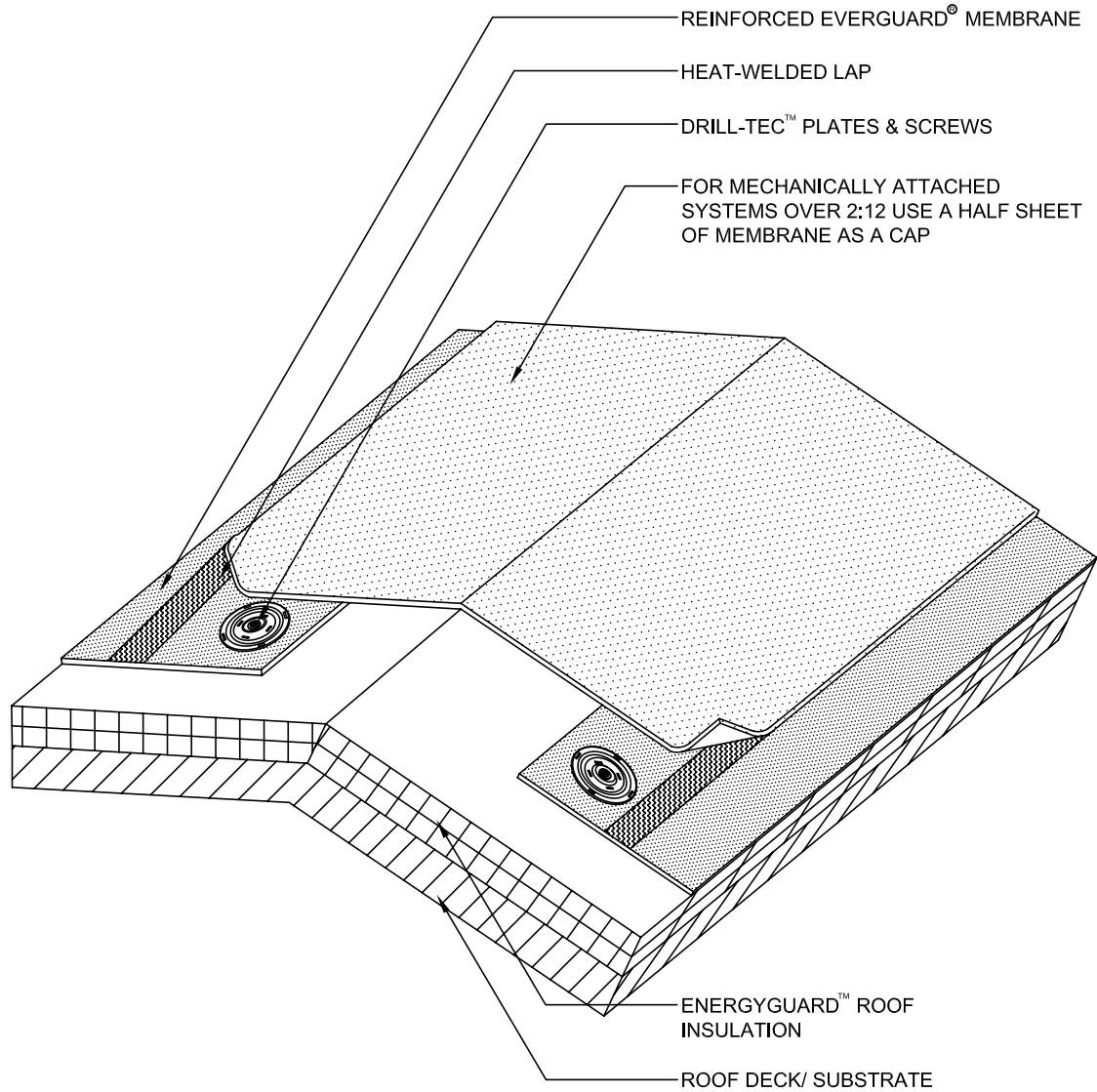
 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	107 SCALE N.T.S.	RHINOBOND FASTENING ZONES & LOCATIONS OVER APPROVED STEEL & CONCRETE DECKS	THIS DETAIL APPLIES TO:
					RHINOBOND® ATTACHMENT SYSTEMS REVISION DATE 12-12-17

ARCHITECTURAL DETAIL DRAWINGS
 EverGuard® TPO/PVC Architectural Roofing Details Manual

100 Series
 Field of Roof





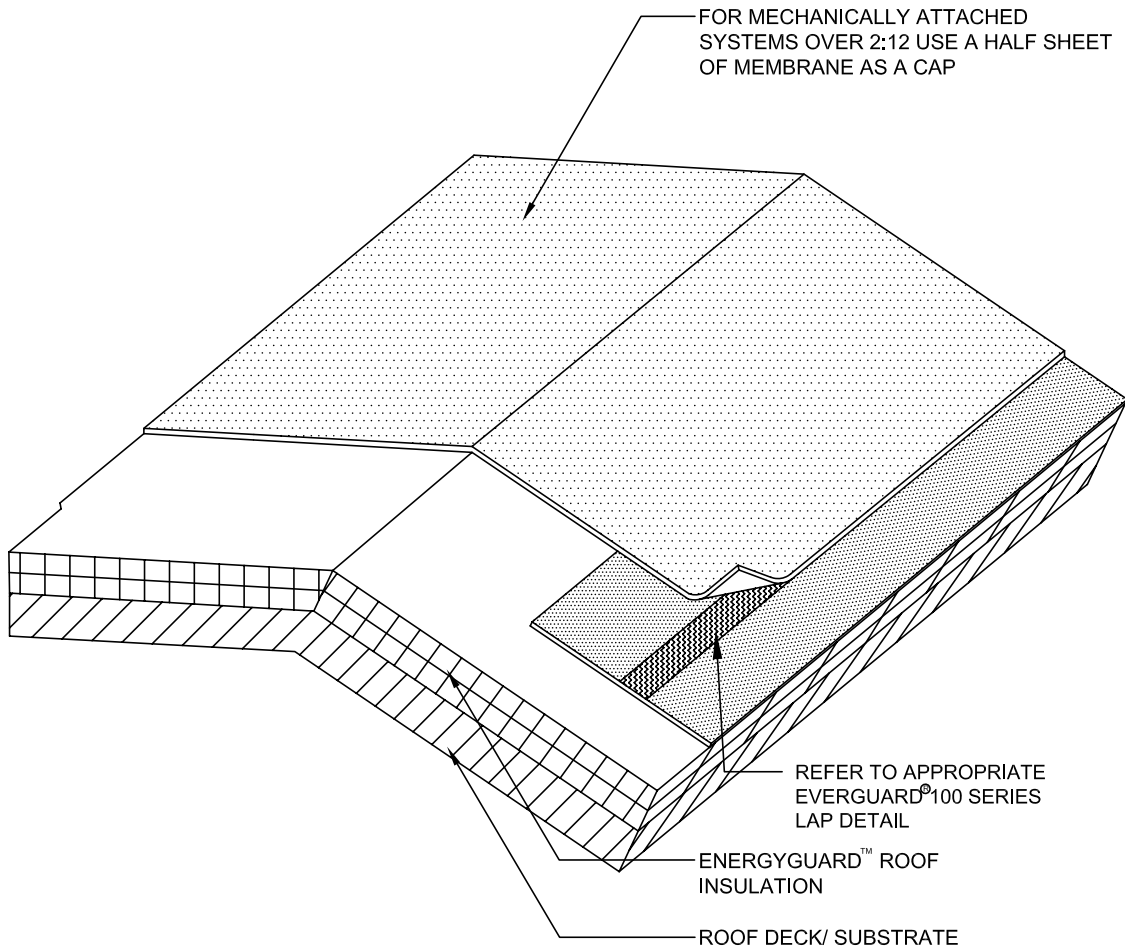
 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	108 RHINO BOND FASTENING ZONES & LOCATIONS	THIS DETAIL APPLIES TO:
		SCALE		OVER APPROVED WOOD DECKS
				REVISION DATE
				12-12-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. DO NOT RUN CAP SHEET INTO THE PERIMETER HALF SHEET REGION IN MECHANICALLY ATTACHED SYSTEMS.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

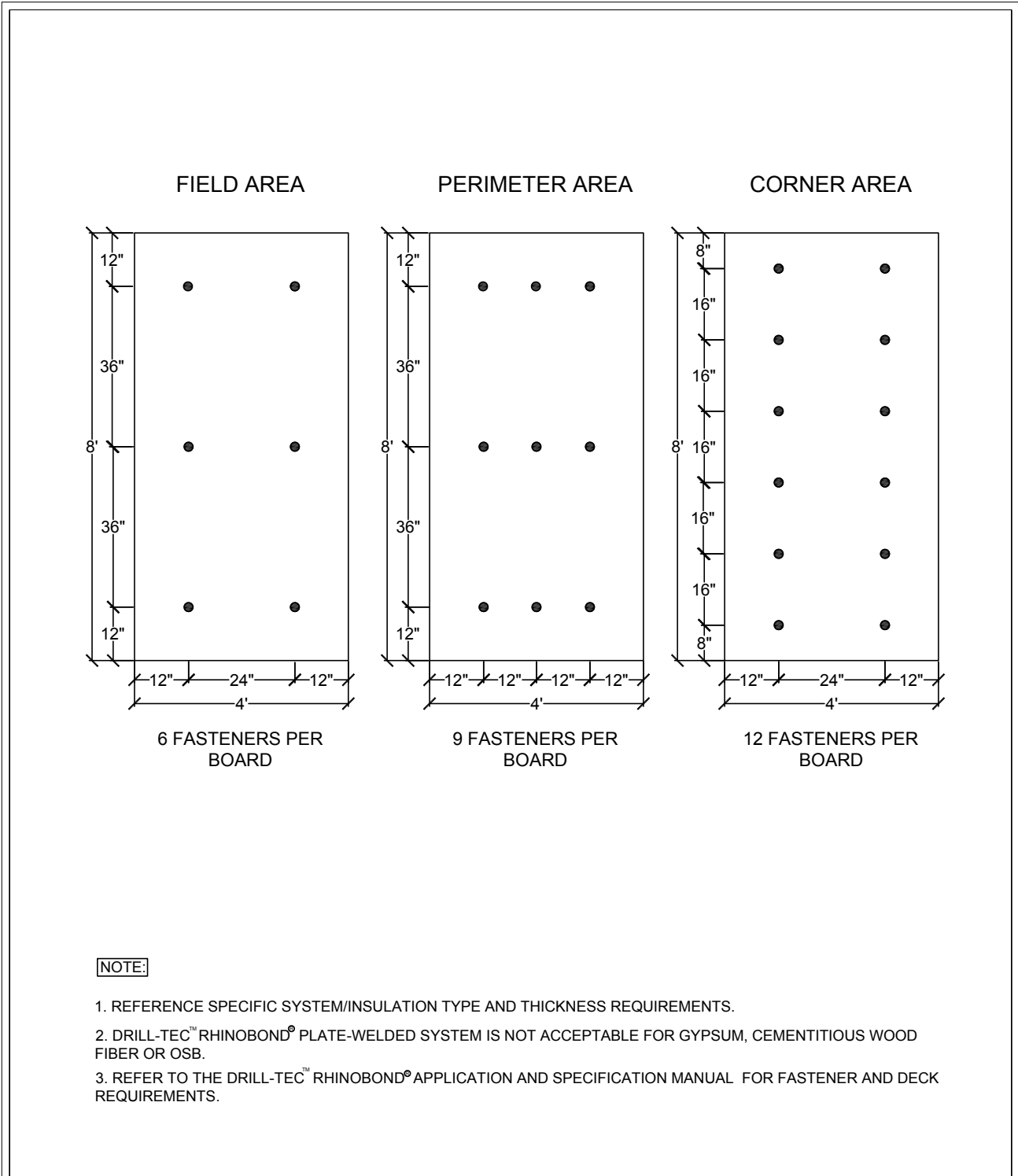
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	RIDGE DETAIL	THIS DETAIL APPLIES TO:
		110A		Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		6-20-16



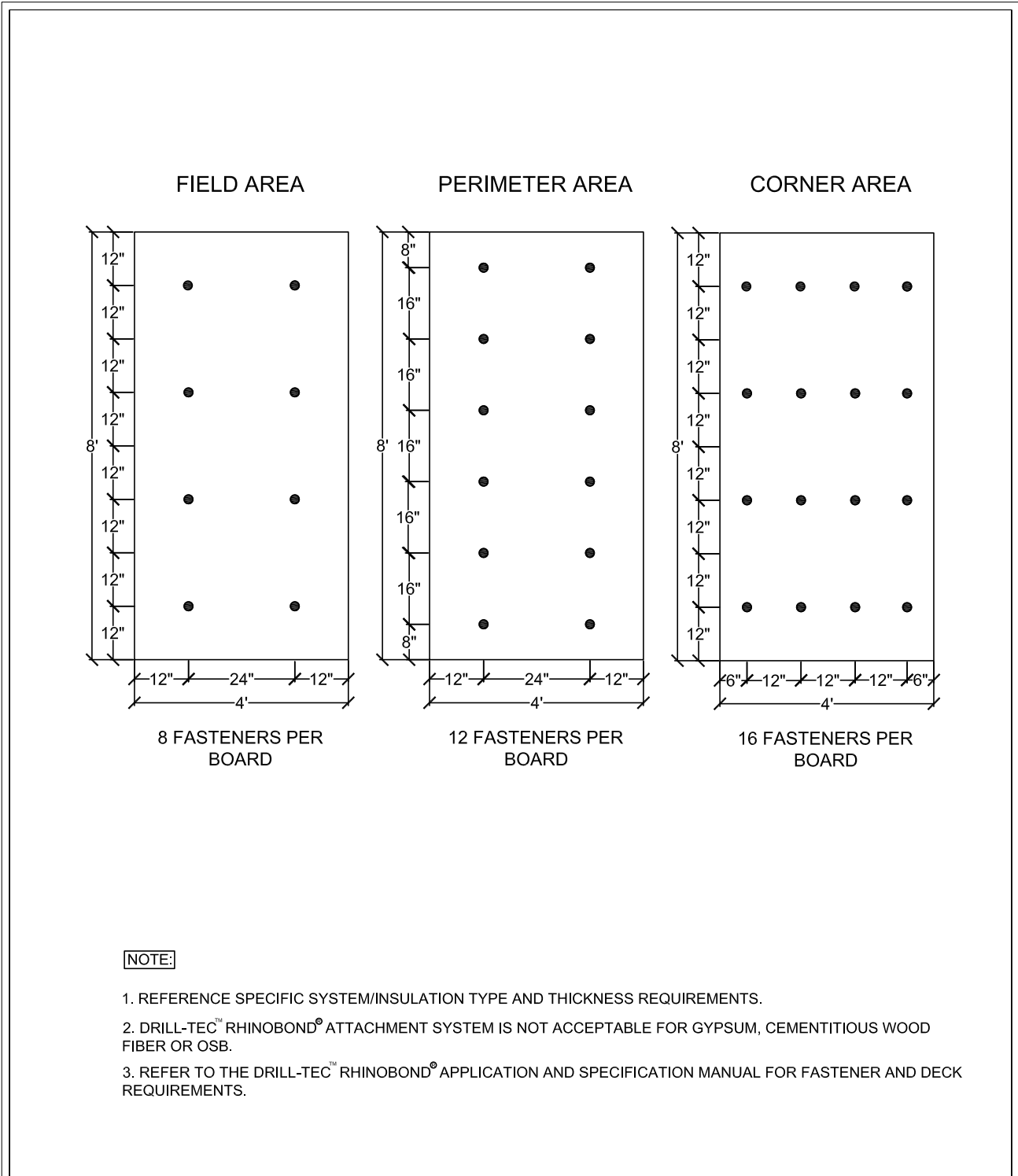
NOTE:

1. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	RIDGE DETAIL	THIS DETAIL APPLIES TO: RhinoBond Systems Self-Adhered Systems Adhered Systems Ballasted Systems
		110B		



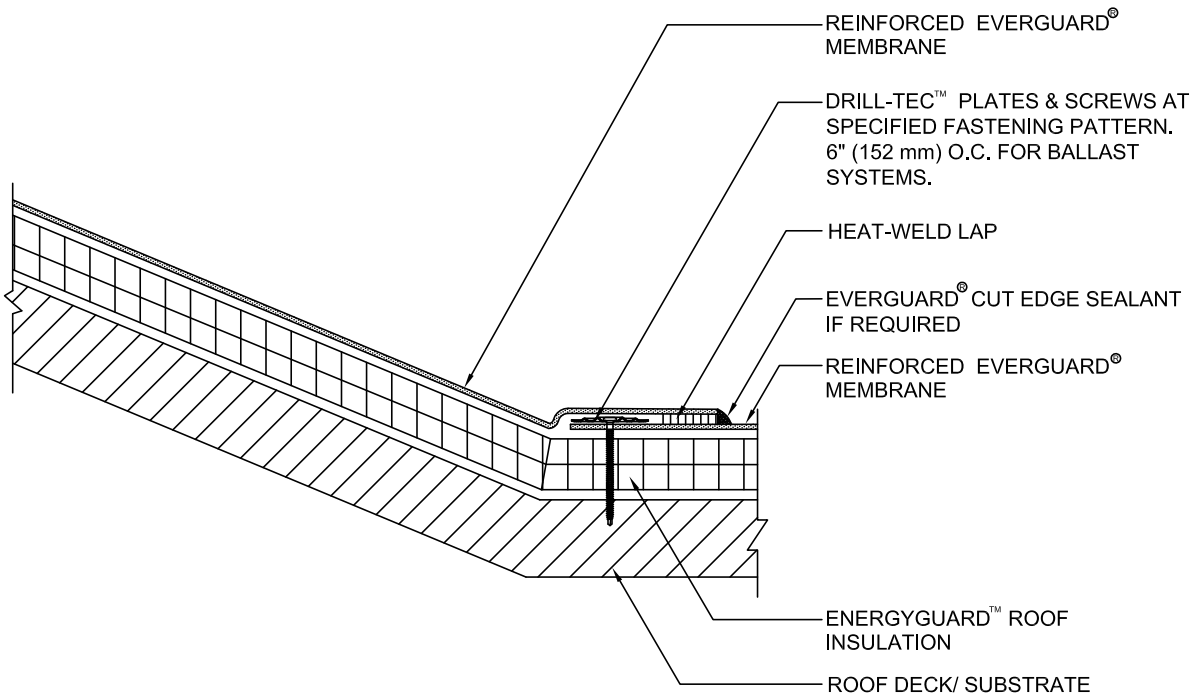
 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 FIELD OF ROOF SERIES	DRAWING #	111A STANDARD FASTENING PATTERN OVER APPROVED STEEL OR CONCRETE DECKS	THIS DETAIL APPLIES TO:
		SCALE		RHINOBOND® ATTACHMENT SYSTEMS
		N.T.S.		REVISION DATE
				2-19-16



NOTE:

1. REFERENCE SPECIFIC SYSTEM/INSULATION TYPE AND THICKNESS REQUIREMENTS.
2. DRILL-TEC™ RHINO-BOND® ATTACHMENT SYSTEM IS NOT ACCEPTABLE FOR GYPSUM, CEMENTITIOUS WOOD FIBER OR OSB.
3. REFER TO THE DRILL-TEC™ RHINO-BOND® APPLICATION AND SPECIFICATION MANUAL FOR FASTENER AND DECK REQUIREMENTS.

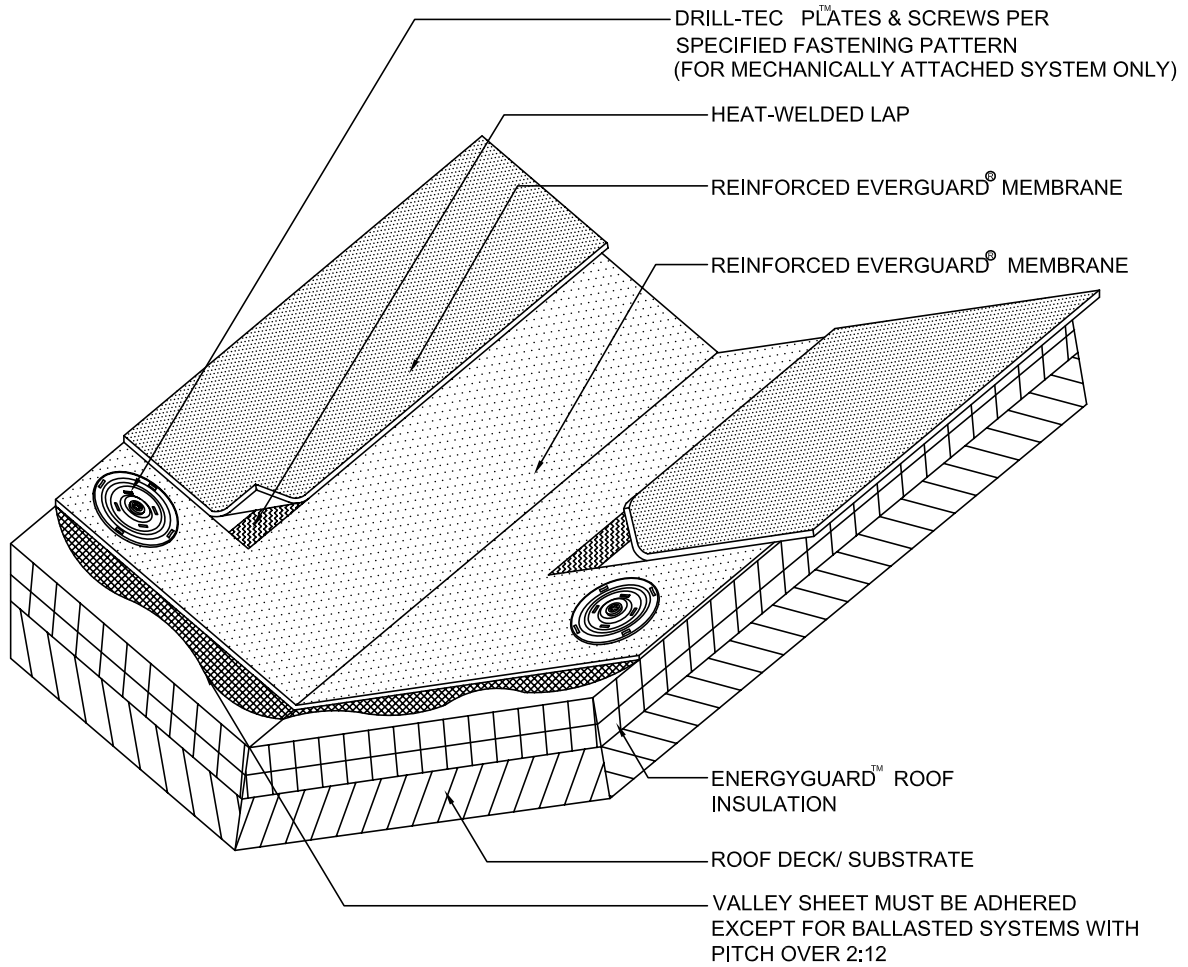
 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	111B STANDARD FASTENING PATTERN OVER APPROVED WOOD DECKS	THIS DETAIL APPLIES TO:
		SCALE		RHINO-BOND® ATTACHMENT SYSTEMS
N.T.S.			REVISION DATE	2-19-16



NOTE:



1. ANYTHING 1:12 OR GREATER NEEDS TO BE FASTENED AT ANGLE CHANGE.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

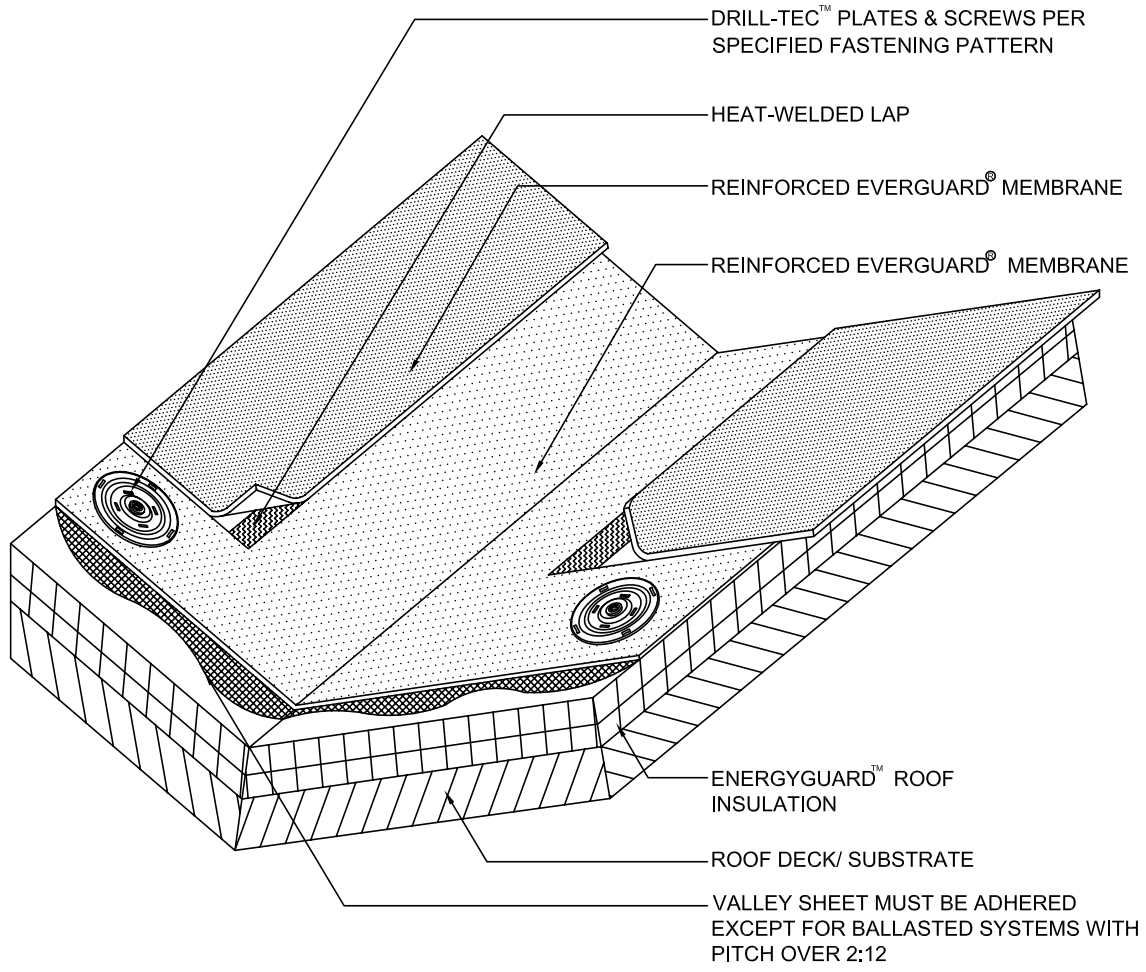
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 FIELD OF ROOF SERIES	DRAWING #	112 CHANGE OF DECK PLANE DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Adhered Systems RhinoBond Systems Mechanically Attached Systems
		N.T.S.		REVISION DATE
				6-1-16



NOTE:



1. FOR MECHANICALLY ATTACHED SYSTEMS, VALLEYS MUST BE ADHERED USING APPROVED SPECIFIC EVERGUARD® ADHESIVE.

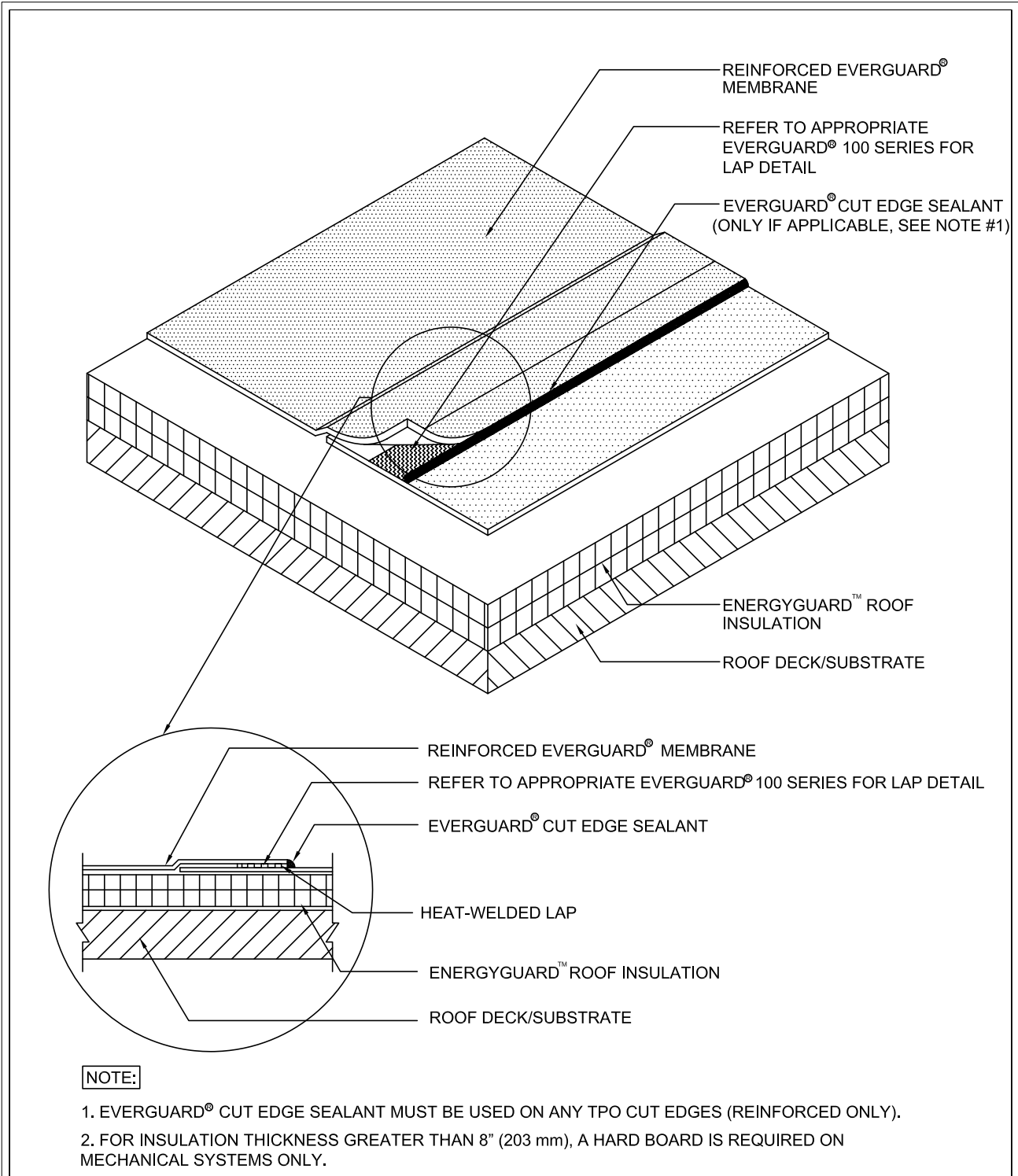
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	<h2>VALLEY DETAIL</h2>	THIS DETAIL APPLIES TO:
		113		Adhered Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		6-1-16



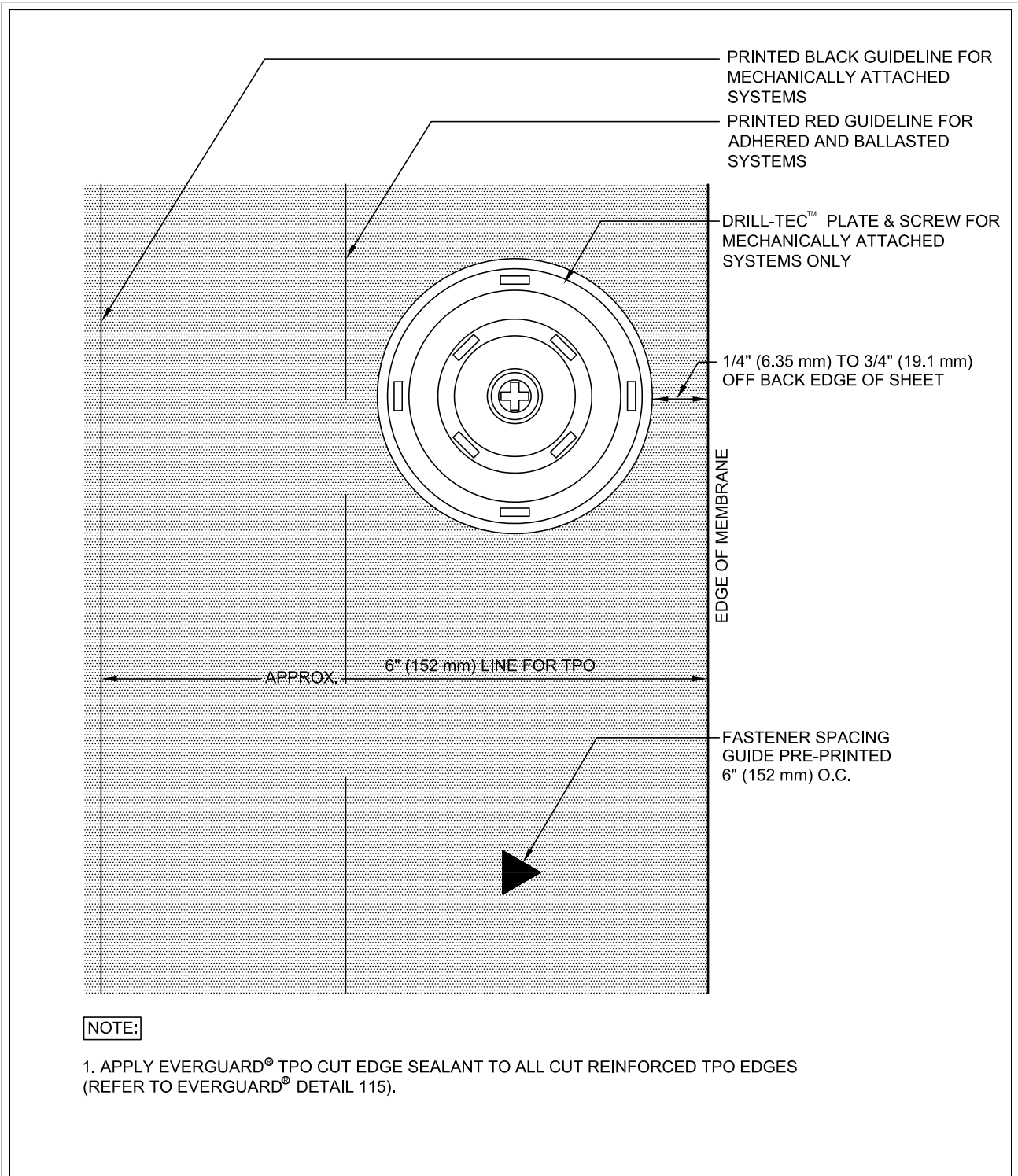
NOTE:



1. FOR MECHANICALLY ATTACHED SYSTEMS, VALLEYS MUST BE ADHERED USING APPROVED SPECIFIC EVERGUARD® ADHESIVE.

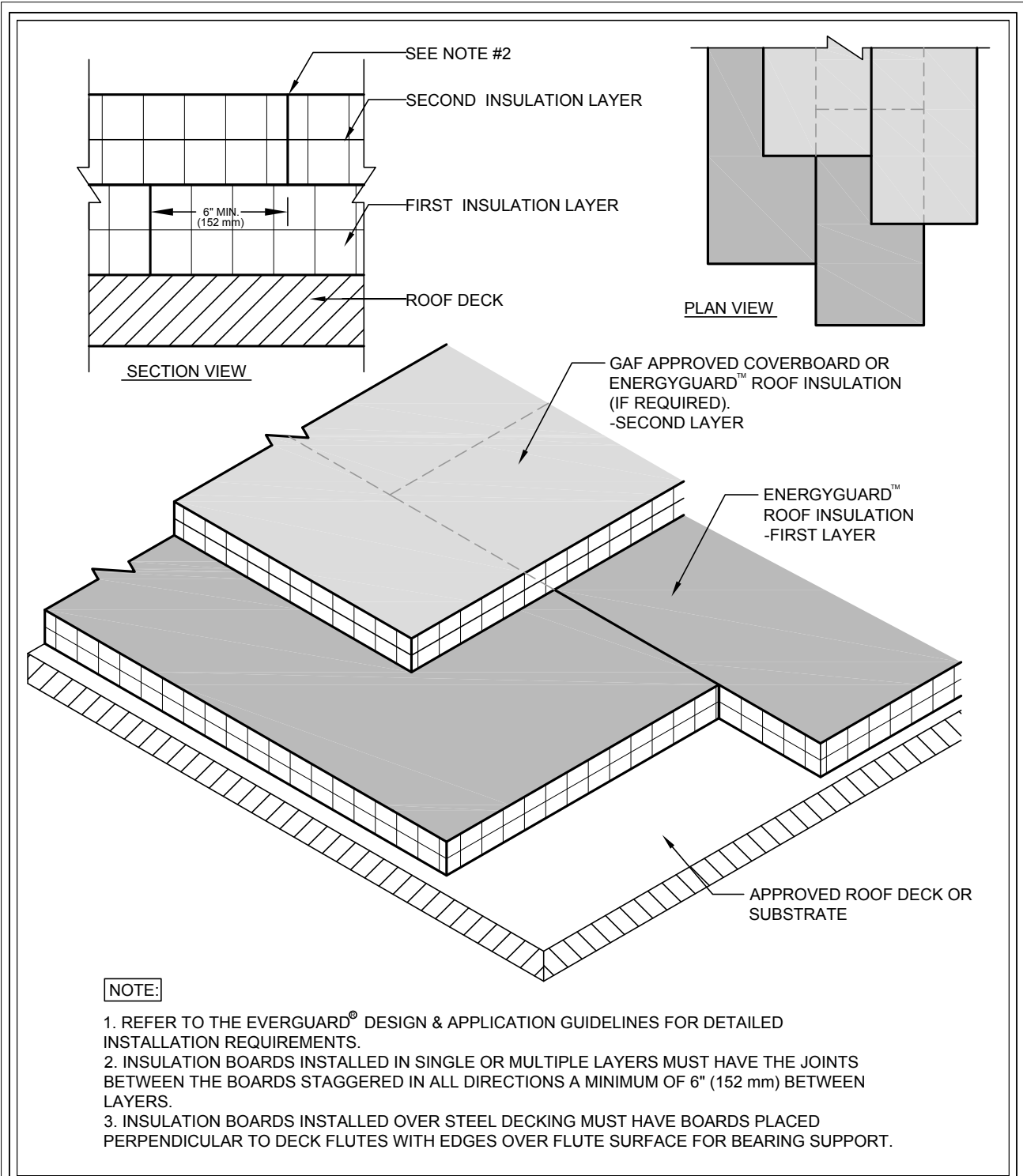
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	VALLEY DETAIL	THIS DETAIL APPLIES TO:
		113A		Adhered Systems Ballasted Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		6-28-17





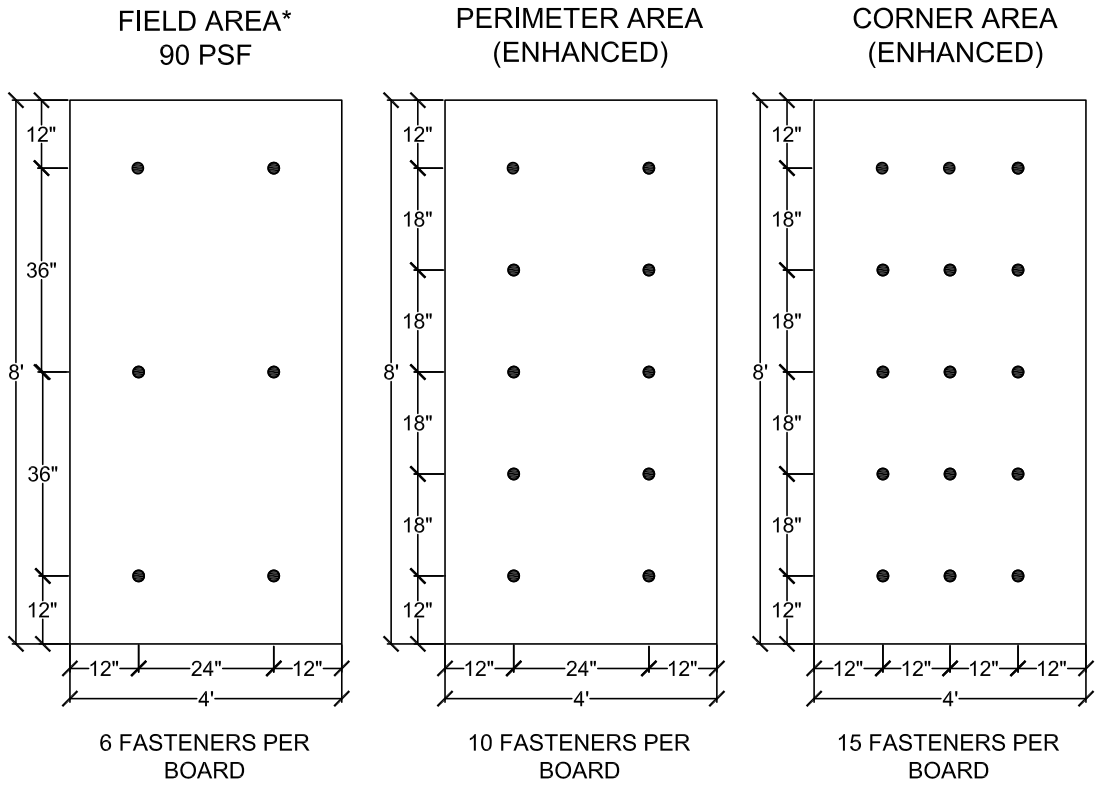
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	<h3>CUT EDGE SEALANT DETAIL</h3>	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Self-Adhered Systems Mechanically Attached Systems
		115		
		N.T.S.	EVERGUARD® TPO MEMBRANE ONLY	6-28-17



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	MEMBRANE EDGE DETAIL	THIS DETAIL APPLIES TO:
		116A		Ballasted Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		6-26-17



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING #	120	STAGGERED INSULATION BOARD LAYOUT DETAIL	THIS DETAIL APPLIES TO: RHINOBOND® ATTACHMENT SYSTEMS
		SCALE			
		N.T.S.			

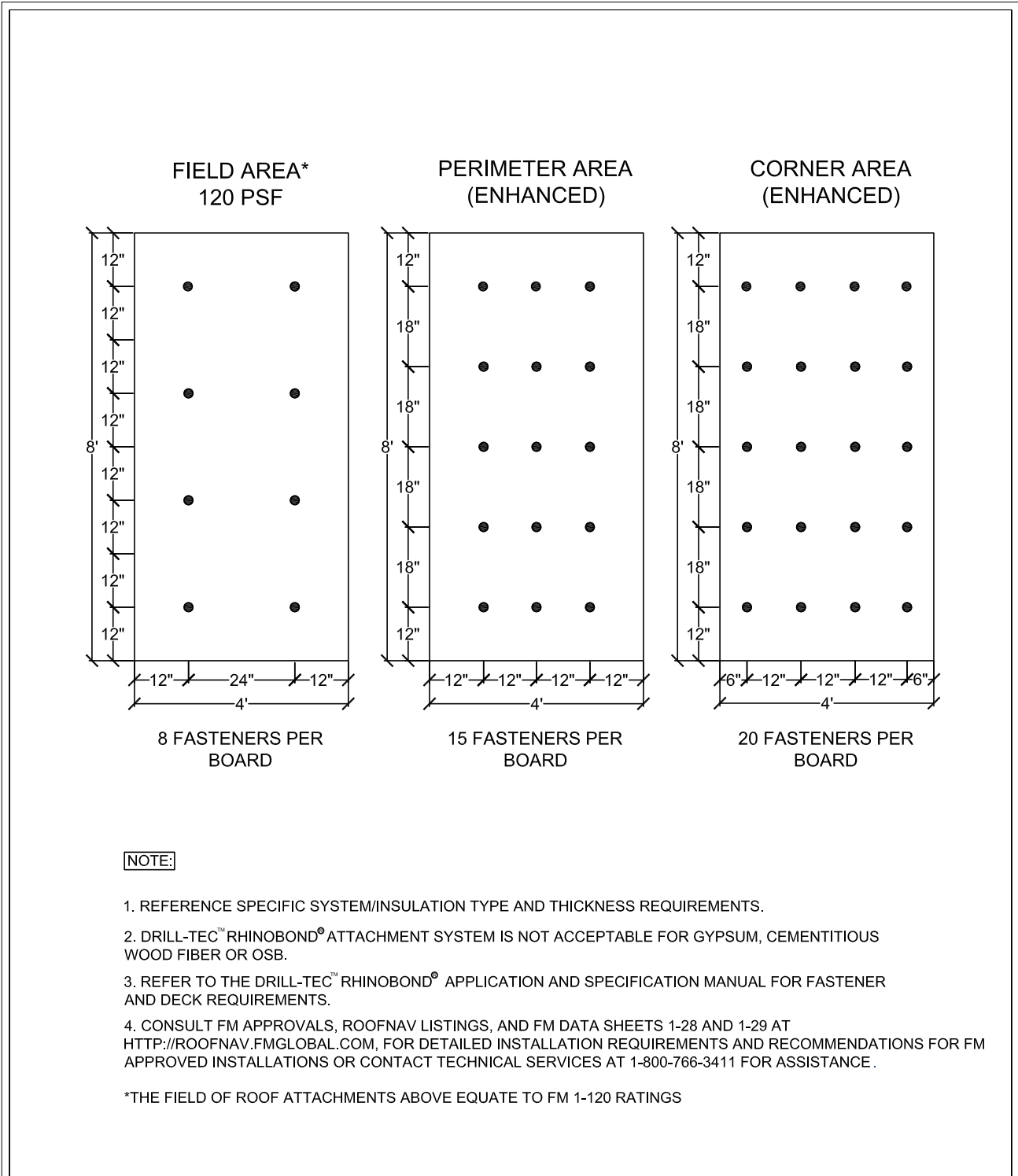


NOTE:

1. REFERENCE SPECIFIC SYSTEM/INSULATION TYPE AND THICKNESS REQUIREMENTS.
2. DRILL-TEC™ RHINOBOND® ATTACHMENT SYSTEM IS NOT ACCEPTABLE FOR GYPSUM, CEMENTITIOUS WOOD FIBER OR OSB.
3. REFER TO THE DRILL-TEC™ RHINOBOND® APPLICATION AND SPECIFICATION MANUAL FOR FASTENER AND DECK REQUIREMENTS.
4. CONSULT FM APPROVALS, ROOFNAV LISTINGS, AND FM DATA SHEETS 1-28 AND 1-29 AT [HTTP://ROOFNAV.FMGLOBAL.COM](http://ROOFNAV.FMGLOBAL.COM), FOR DETAILED INSTALLATION REQUIREMENTS AND RECOMMENDATIONS FOR FM APPROVED INSTALLATIONS OR CONTACT TECHNICAL SERVICES AT 1-800-766-3411 FOR ASSISTANCE.

*THE FIELD OF ROOF ATTACHMENTS ABOVE EQUATE TO FM 1-120 RATINGS

 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	90 PSF FASTENING PATTERN OVER APPROVED STEEL AND CONCRETE DECKS	THIS DETAIL APPLIES TO:
		121		RHINOBOND® ATTACHMENT SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		2-19-16



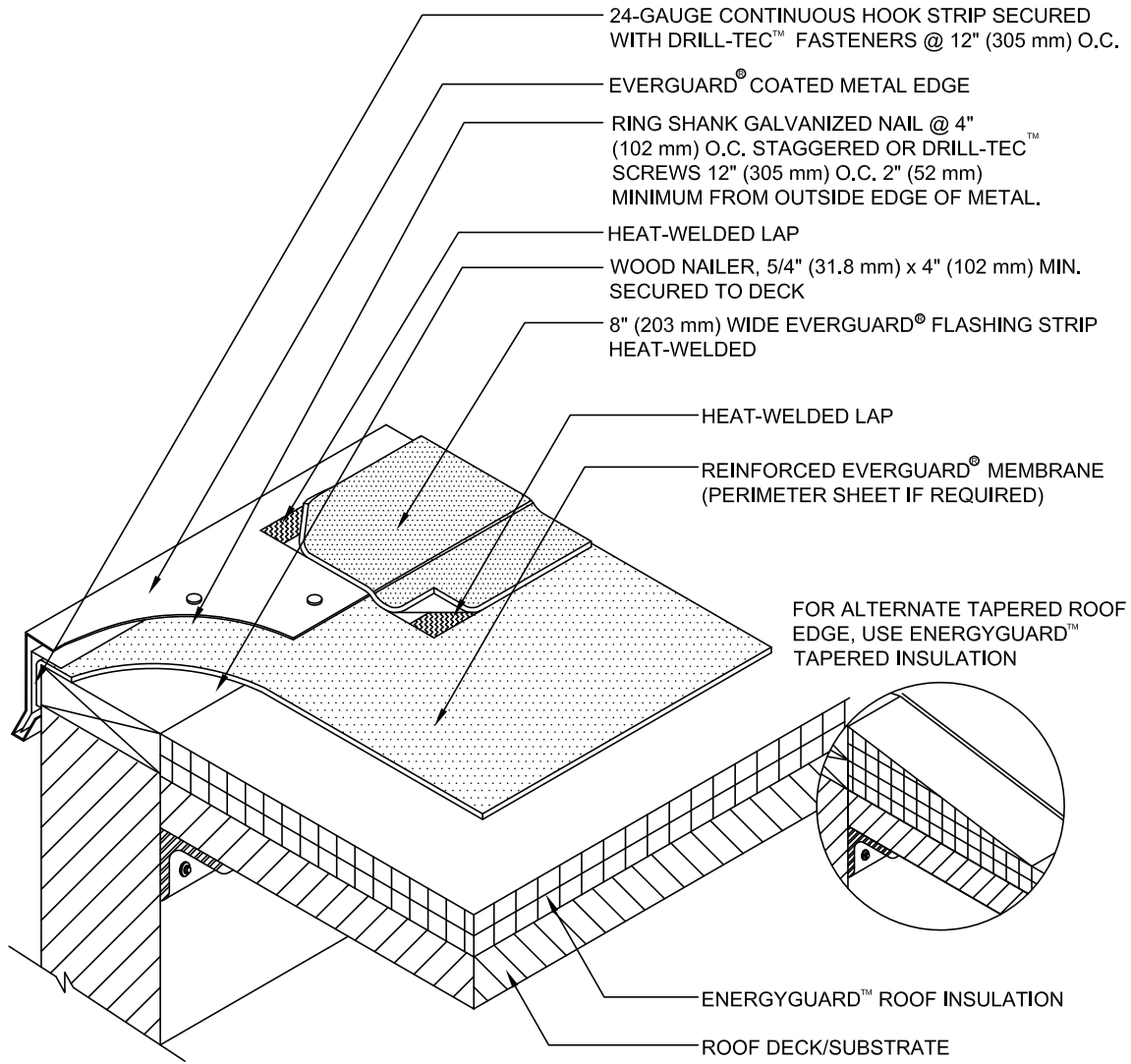
 1 Campus Drive Parsippany, NJ 07054 www.gaf.com	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	122 120 PSF FASTENING PATTERN OVER APPROVED STEEL AND CONCRETE DECKS	THIS DETAIL APPLIES TO:
		SCALE		RHINO BOND® ATTACHMENT SYSTEMS
		N.T.S.		REVISION DATE
				9-27-17

200 Series Roof Edge Details





Quick access to installation videos and detail drawings for EverGuard® single-ply systems.

Visit http://www.gaf.com/roofing/commercial/smart_details for further information.

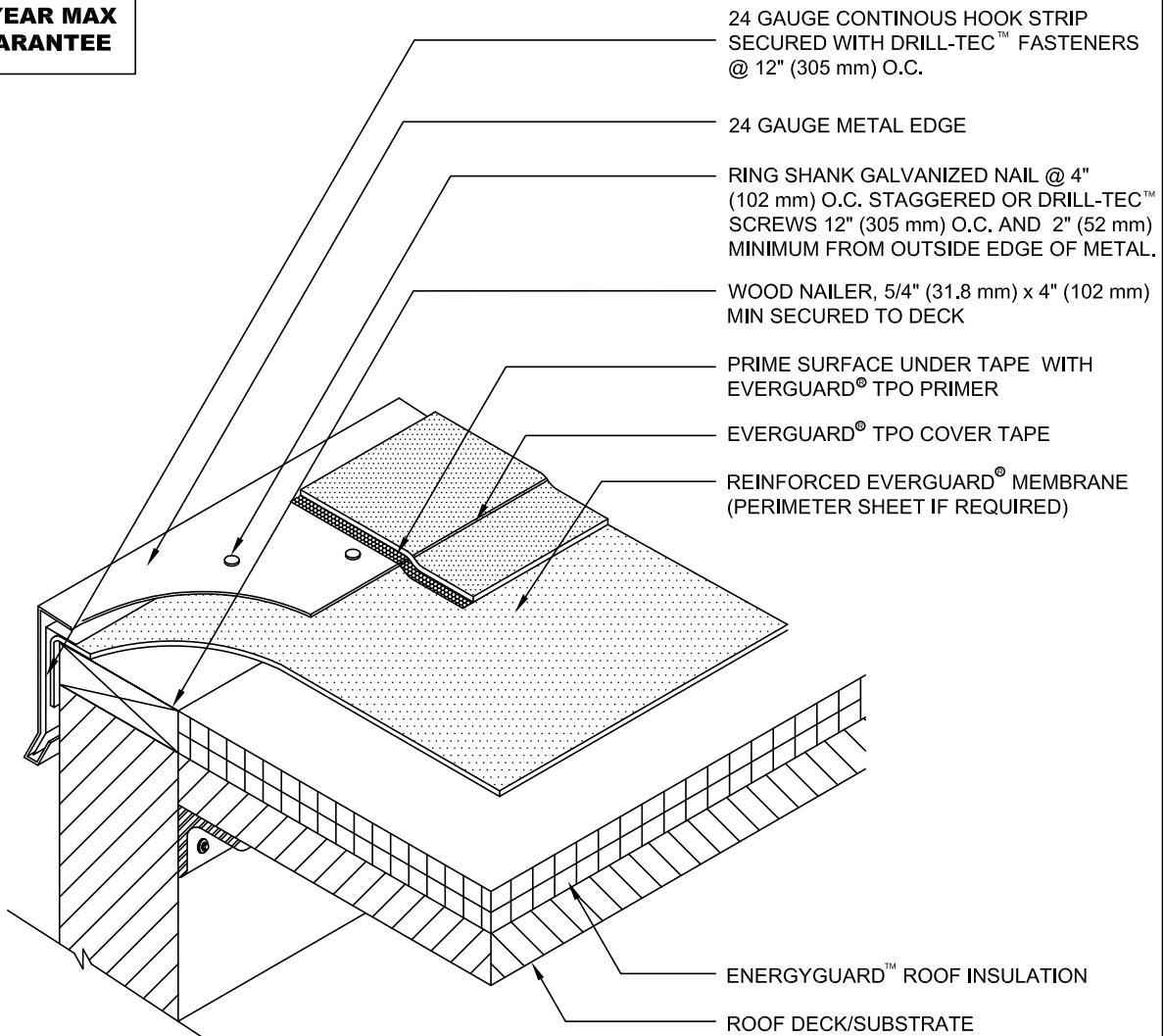


NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. 25-YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	202A COATED METAL ROOF EDGE DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		SCALE		
		N.T.S.	6-28-17	

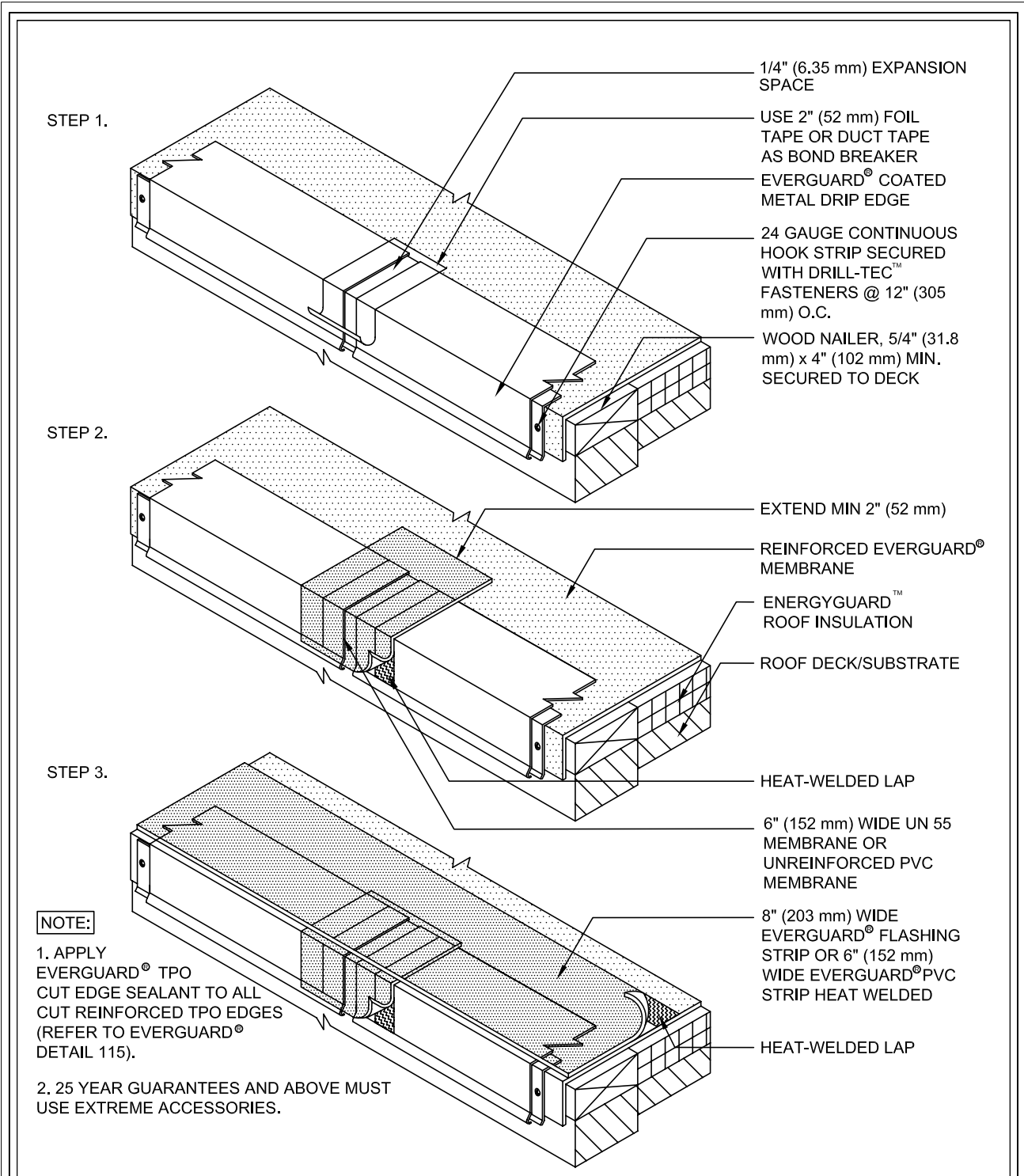
**15-YEAR MAX
 GUARANTEE**





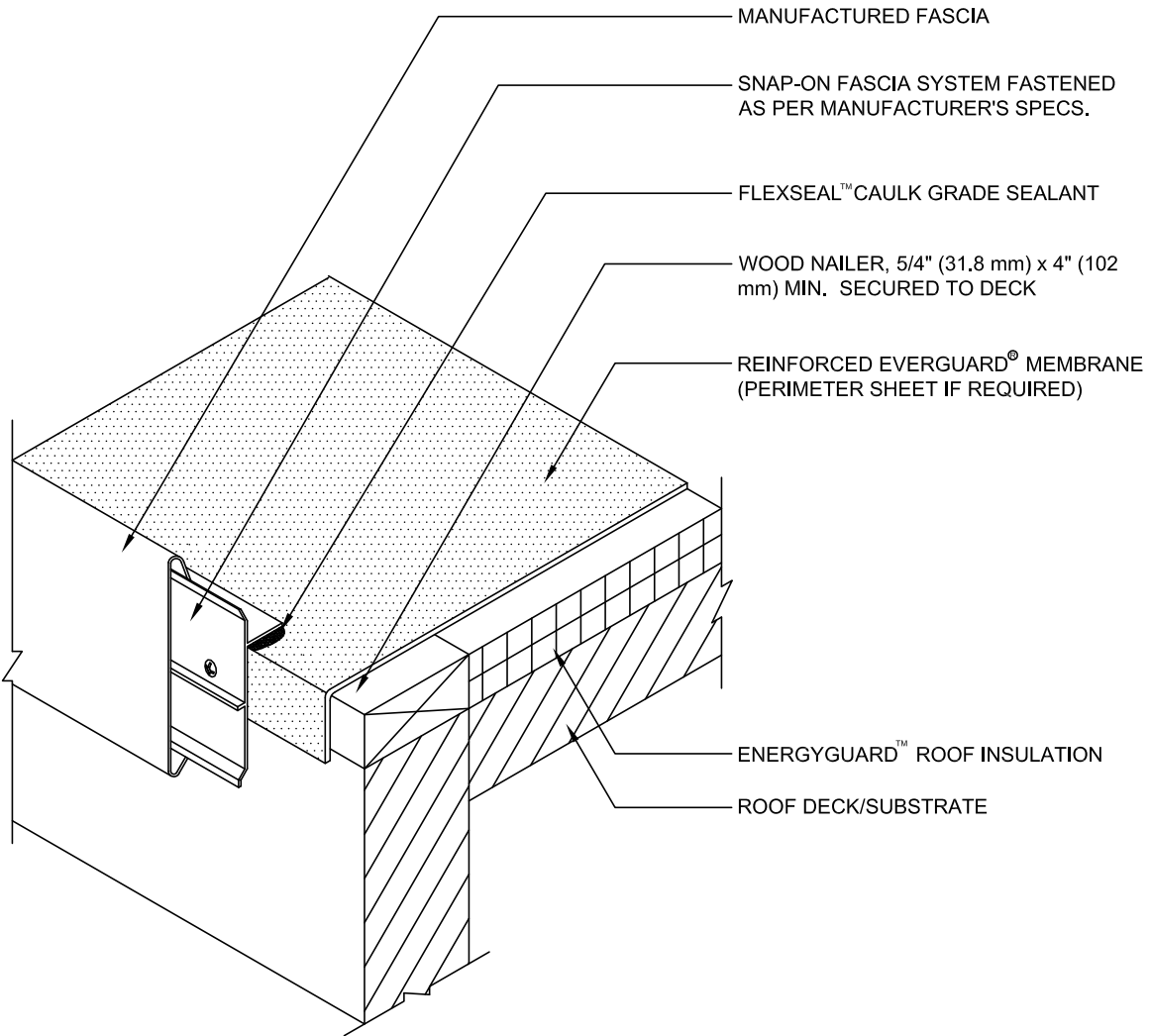
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY BEFORE PRIMING.
3. EVERGUARD® TPO COVER TAPE ONLY TO BE USED WITH TPO MEMBRANE SYSTEMS.
4. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD® DETAIL 218 OR 219 .

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	202B SCALE N.T.S.	ROOF EDGE WITH TPO COVER TAPE DETAIL	THIS DETAIL APPLIES TO:
		Adhered Systems Mechanically Attached Systems Self - Adhered Systems			REVISION DATE 10-3-17





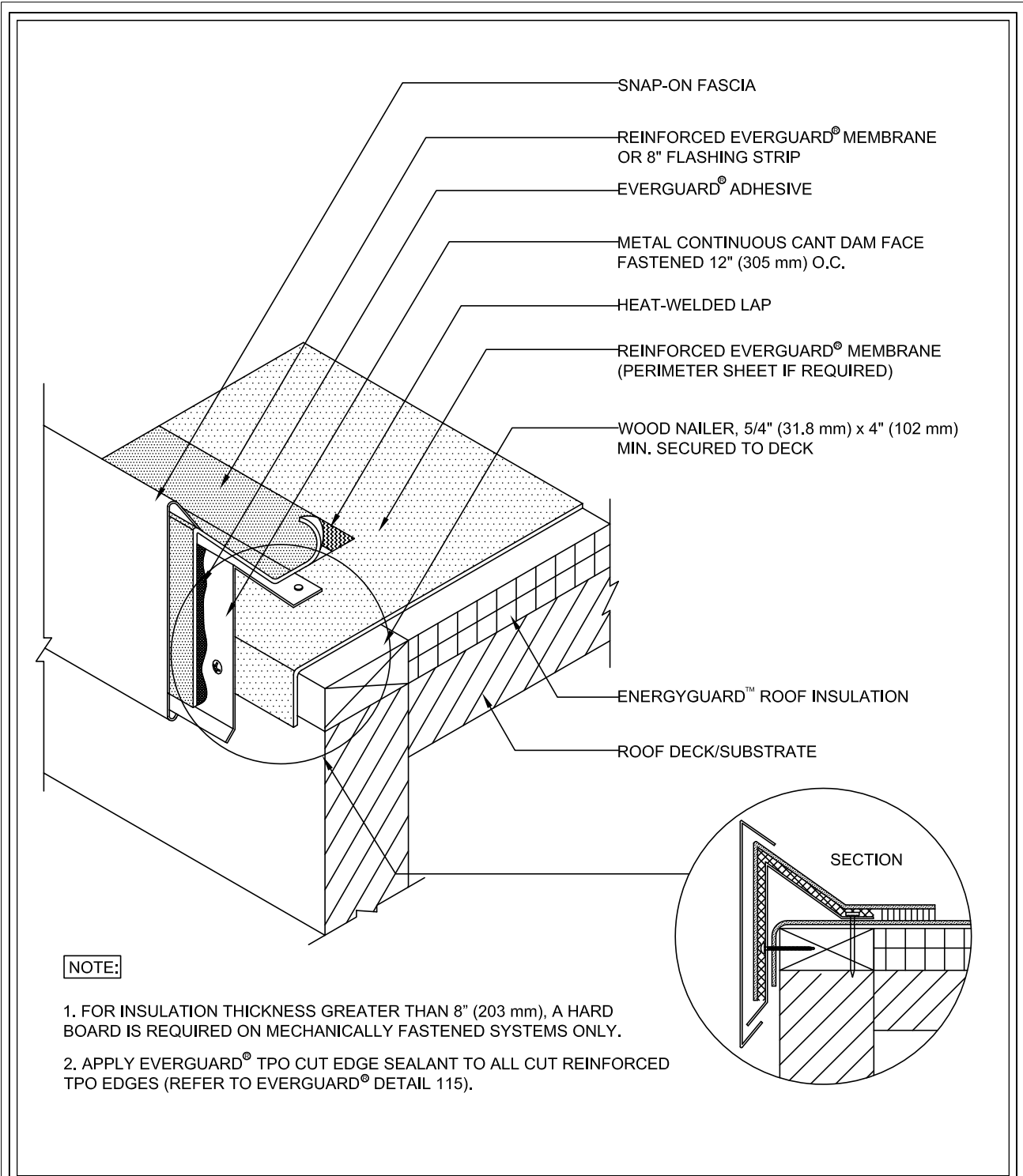
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	204	COATED METAL JOINT DETAIL	THIS DETAIL APPLIES TO:
		SCALE			Adhered Systems Mechanically Attached Systems Self-Adhered Systems
		N.T.S.			REVISION DATE
					6-28-17





NOTE:

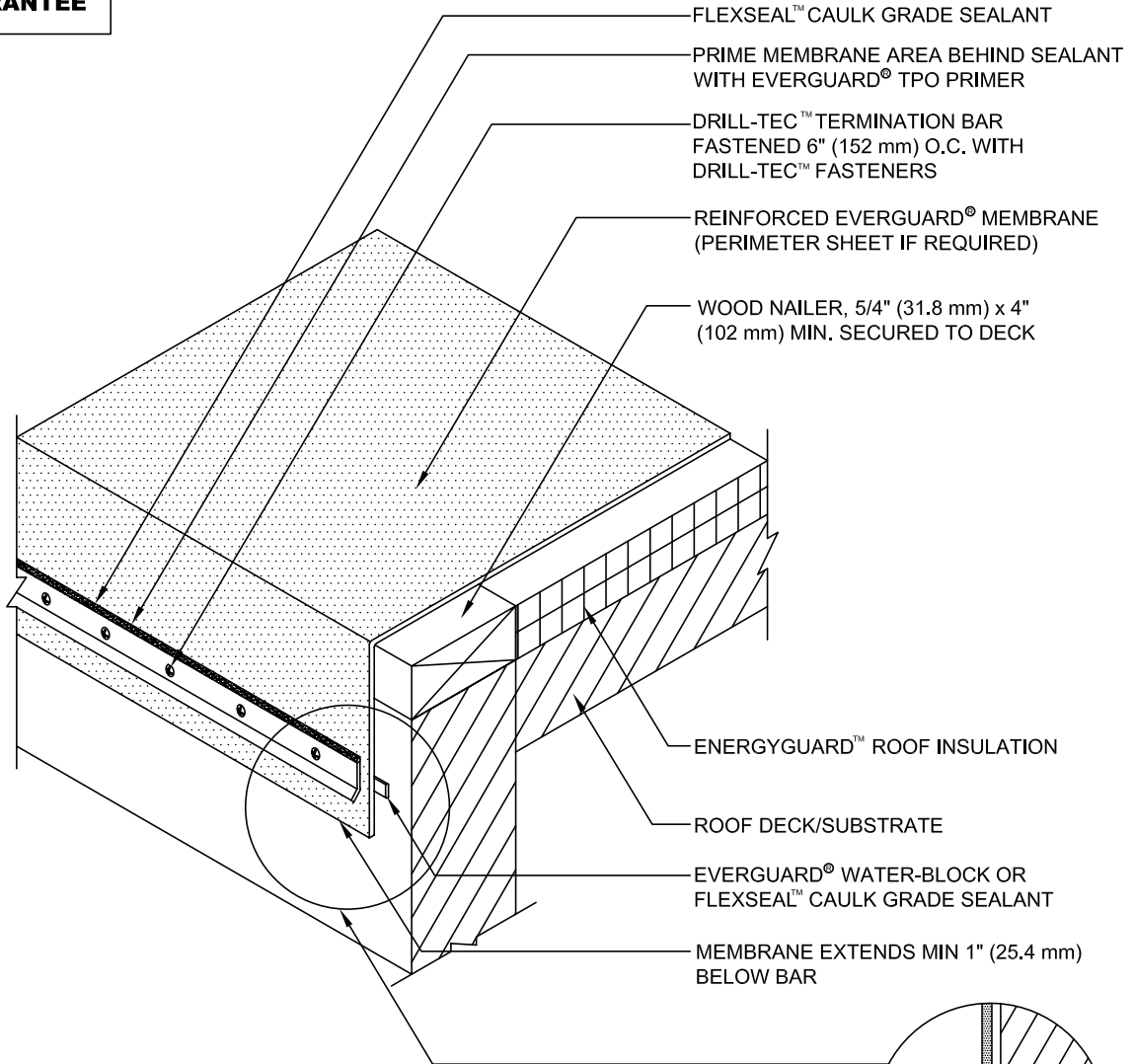
1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FASCIA FASTENERS ARE PROVIDED WITH THE FASCIA ASSEMBLY.
3. IF BOTTOM ROW OF FASTENERS ALIGN WITH SUBSTRATE OTHER THAN NAILER, AN APPROPRIATE AND APPROVED FASTENER SHALL BE USED.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	SNAP-ON FASCIA ROOF EDGE DETAIL - OPTION 1	THIS DETAIL APPLIES TO: Ballasted Systems Adhered Systems Mechanically Attached Systems Self - Adhered Systems
		205		
		N.T.S.		5-1-16





 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	SNAP-ON FASCIA ROOF EDGE DETAIL - OPTION 2	THIS DETAIL APPLIES TO:
		206		Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems (Heat-weld only) TriPosite Systems
		SCALE		REVISION DATE
		N.T.S.		5-1-16

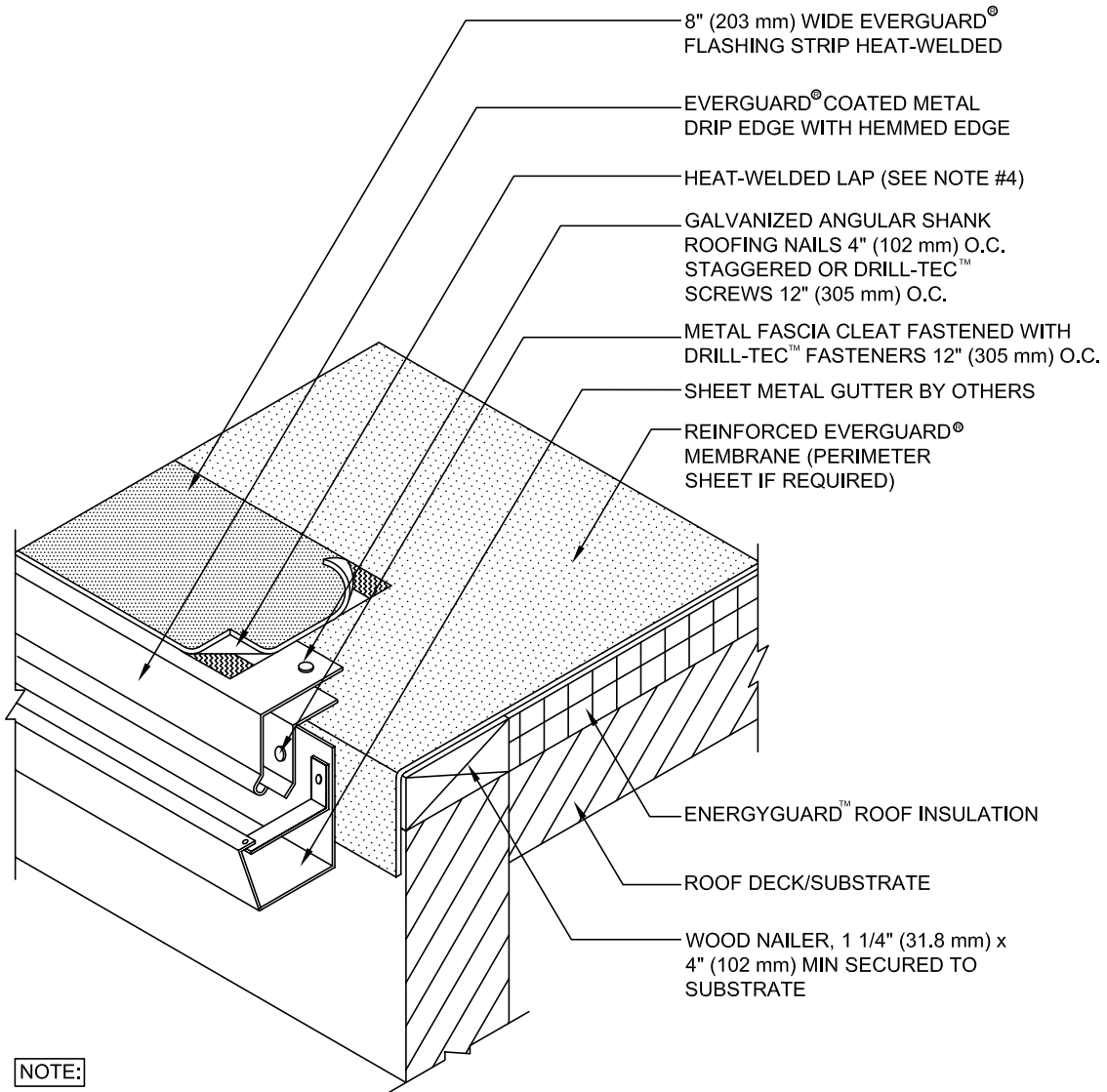
**20-YEAR MAX
 GUARANTEE**



NOTE:



1. TERMINATION BAR MUST BE FASTENED 6" (152 mm) O.C. FOR THIS DETAIL.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	<h2>TERMINATION BAR ROOF EDGE DETAIL</h2>	THIS DETAIL APPLIES TO: Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		208		
		N.T.S.		10-3-17

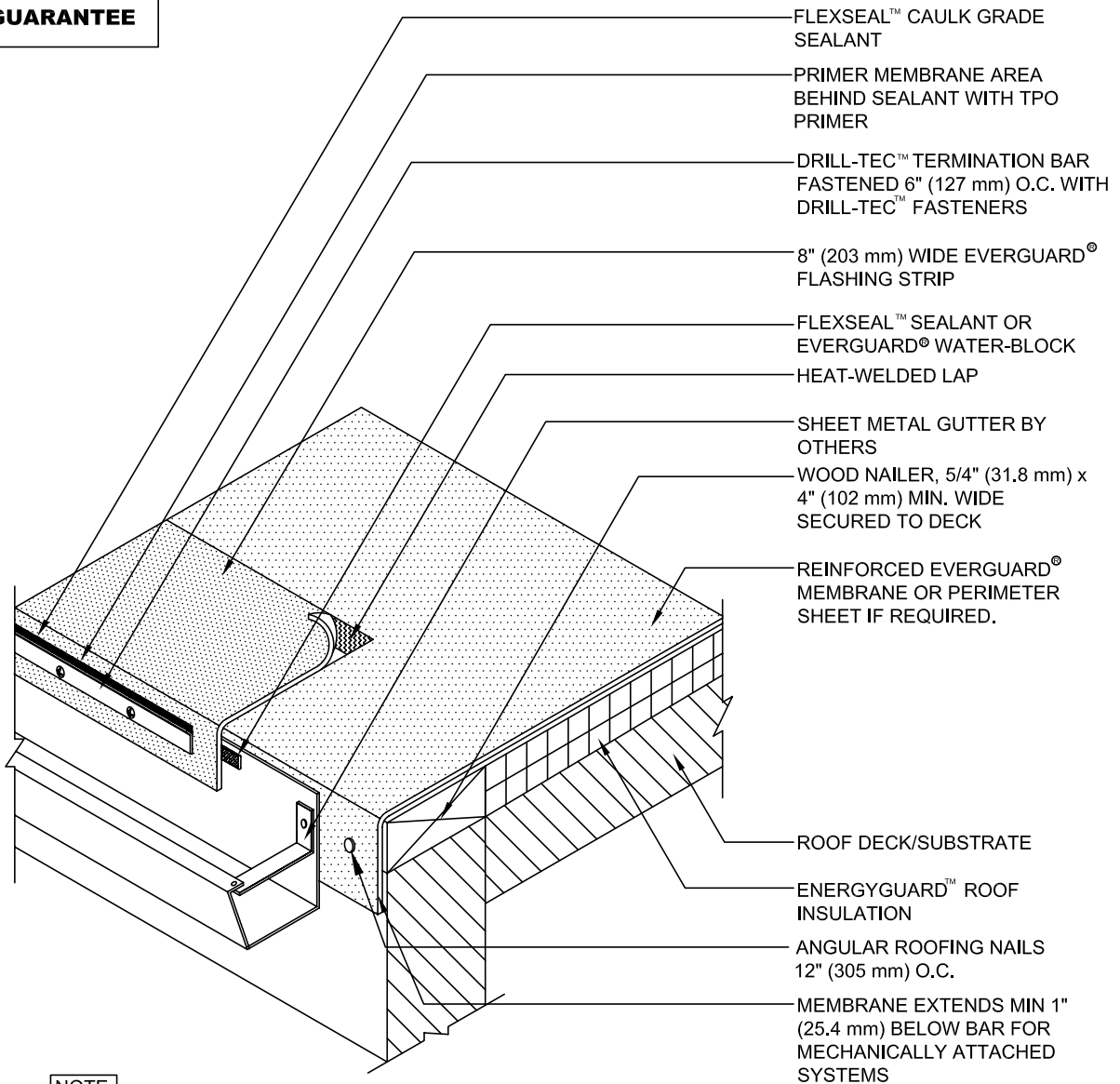


NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. REFER TO EVERGUARD® DETAIL 204 FOR COATED METAL JOINTS.
3. A CONTINUOUS METAL CLEAT IS REQUIRED.
4. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
5. 25-YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	211 GUTTER WITH COATED METAL EDGE DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		N.T.S.		REVISION DATE 6-26-17

**20-YEAR MAX
 GUARANTEE**



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. EDGE OF MEMBRANE SHOULD NOT TERMINATE BELOW GUTTER EDGES.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	GUTTER WITH TERMINATION BAR - NEW INSTALLATION	THIS DETAIL APPLIES TO:
		212		Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		10-3-17

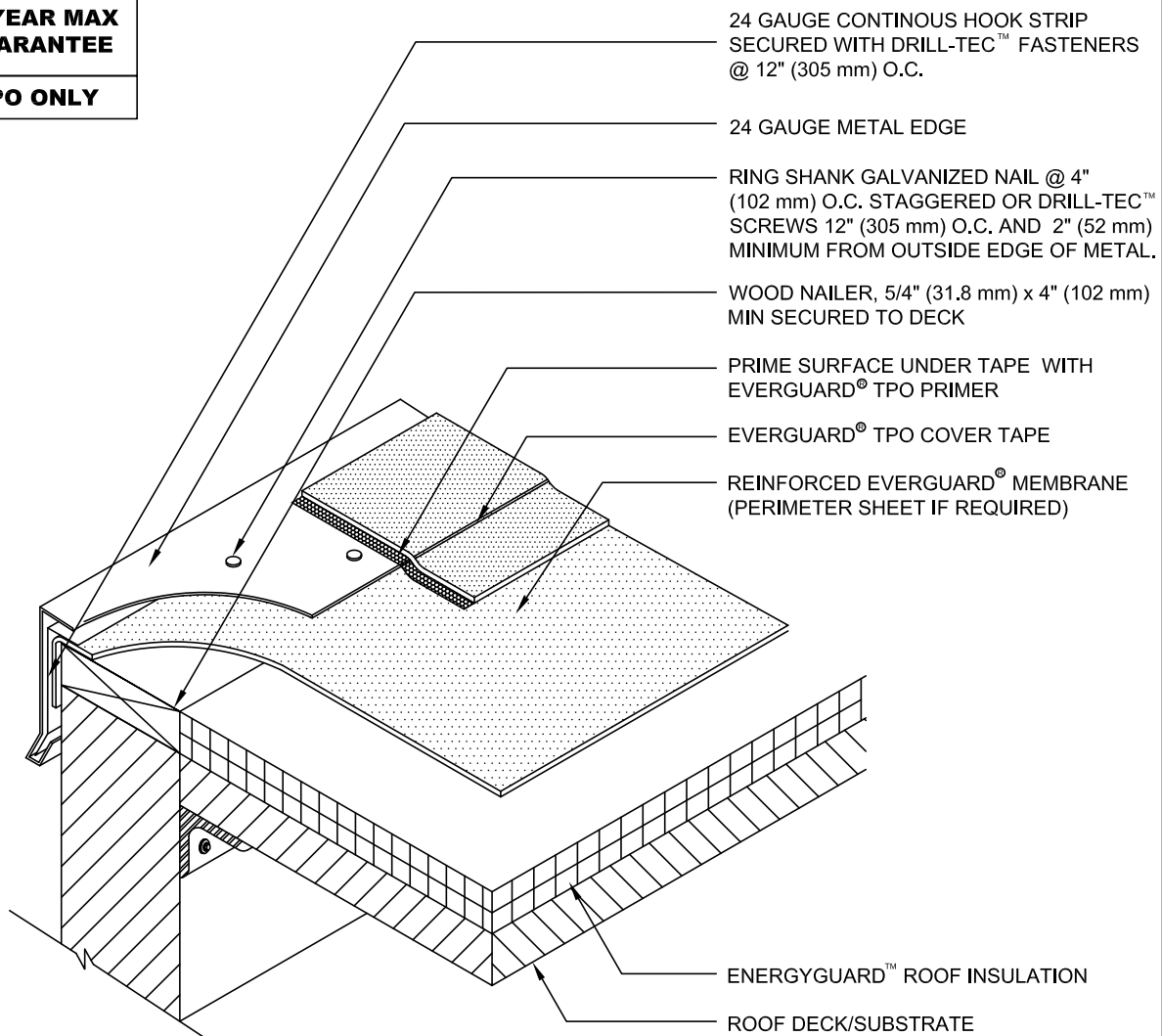
ARCHITECTURAL DETAIL DRAWINGS

EverGuard® TPO/PVC Architectural Roofing Details Manual

200 Series
Roof Edge

**15-YEAR MAX
GUARANTEE**

TPO ONLY



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD® DETAIL 218 OR 219 .
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
SINGLE-PLY ROOFING SYSTEMS
ROOF EDGE SERIES

DRAWING #

213A

COVER TAPE AT ROOF EDGE DETAIL

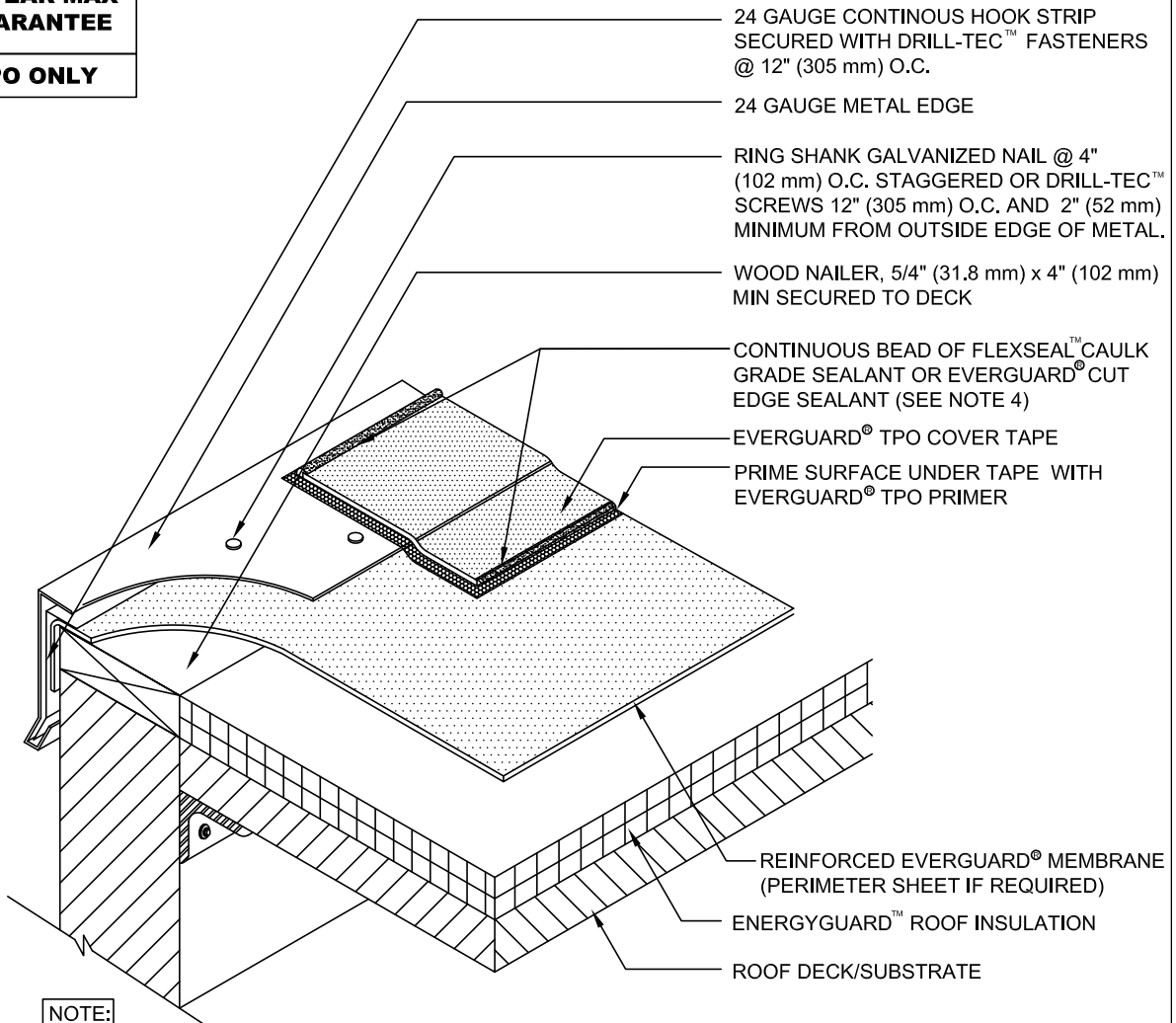
SCALE
N.T.S.

THIS DETAIL APPLIES TO:
Adhered Systems
Mechanically Attached Systems
Self-Adhered Systems

REVISION DATE
8-28-17

**20-YEAR MAX
 GUARANTEE**

TPO ONLY



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD DETAIL 218 OR 219 .
4. FLEXSEAL™ CAULK GRADE SEALANT SHOULD BE FEATHERED OUT AND APPLIED TO BOTH INSIDE AND OUTSIDE EDGES. ENSURE PRIMER EXTENDS UNDER FLEXSEAL™ CAULK GRADE SEALANT.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 ROOF EDGE SERIES

DRAWING #

213B

COVER TAPE AT ROOF EDGE DETAIL

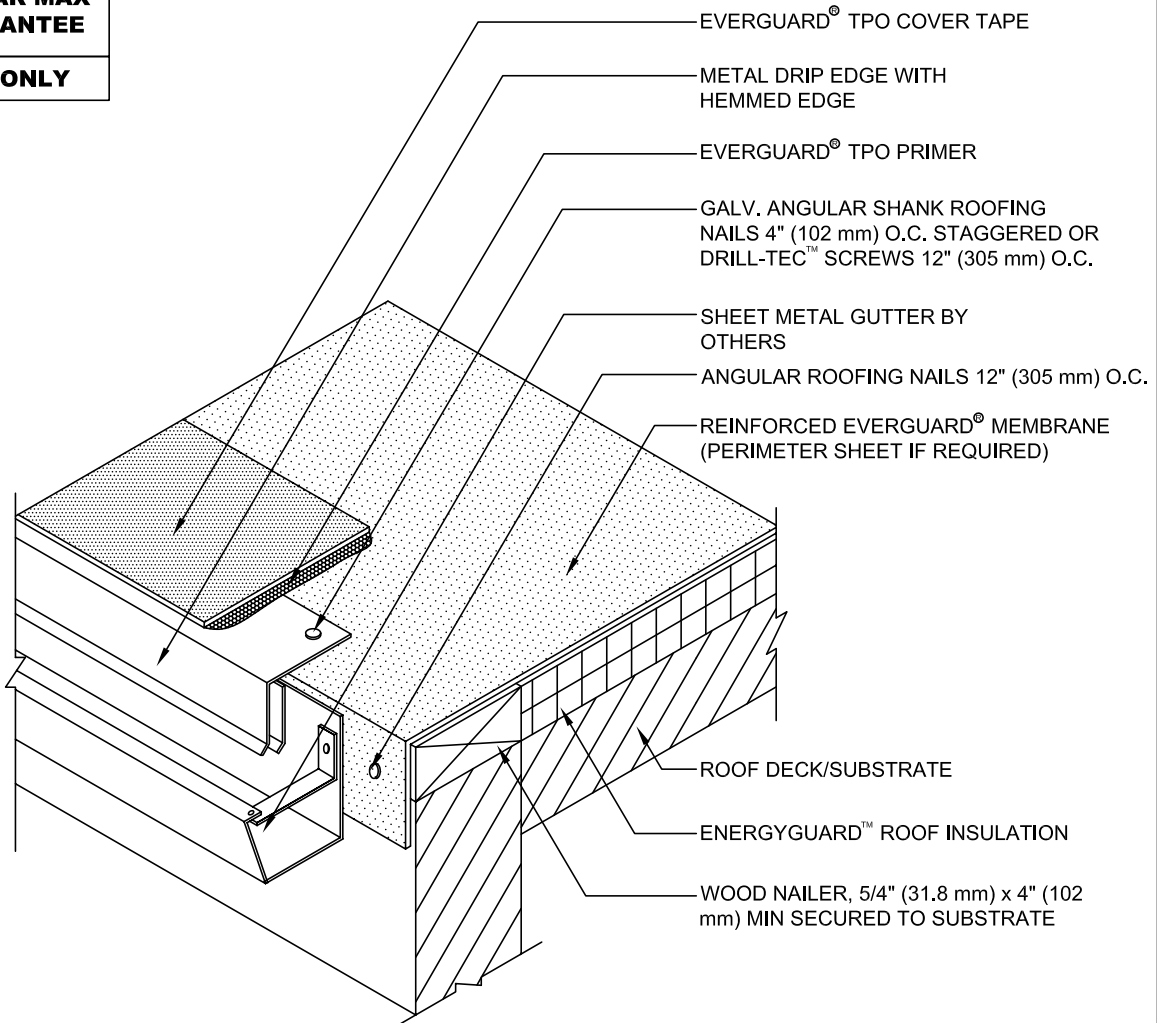
SCALE
 N.T.S.

THIS DETAIL APPLIES TO:
 Adhered Systems
 Mechanically Attached Systems
 Self - Adhered Systems

REVISION DATE
 12-12-17

**15-YEAR MAX
 GUARANTEE**

TPO ONLY



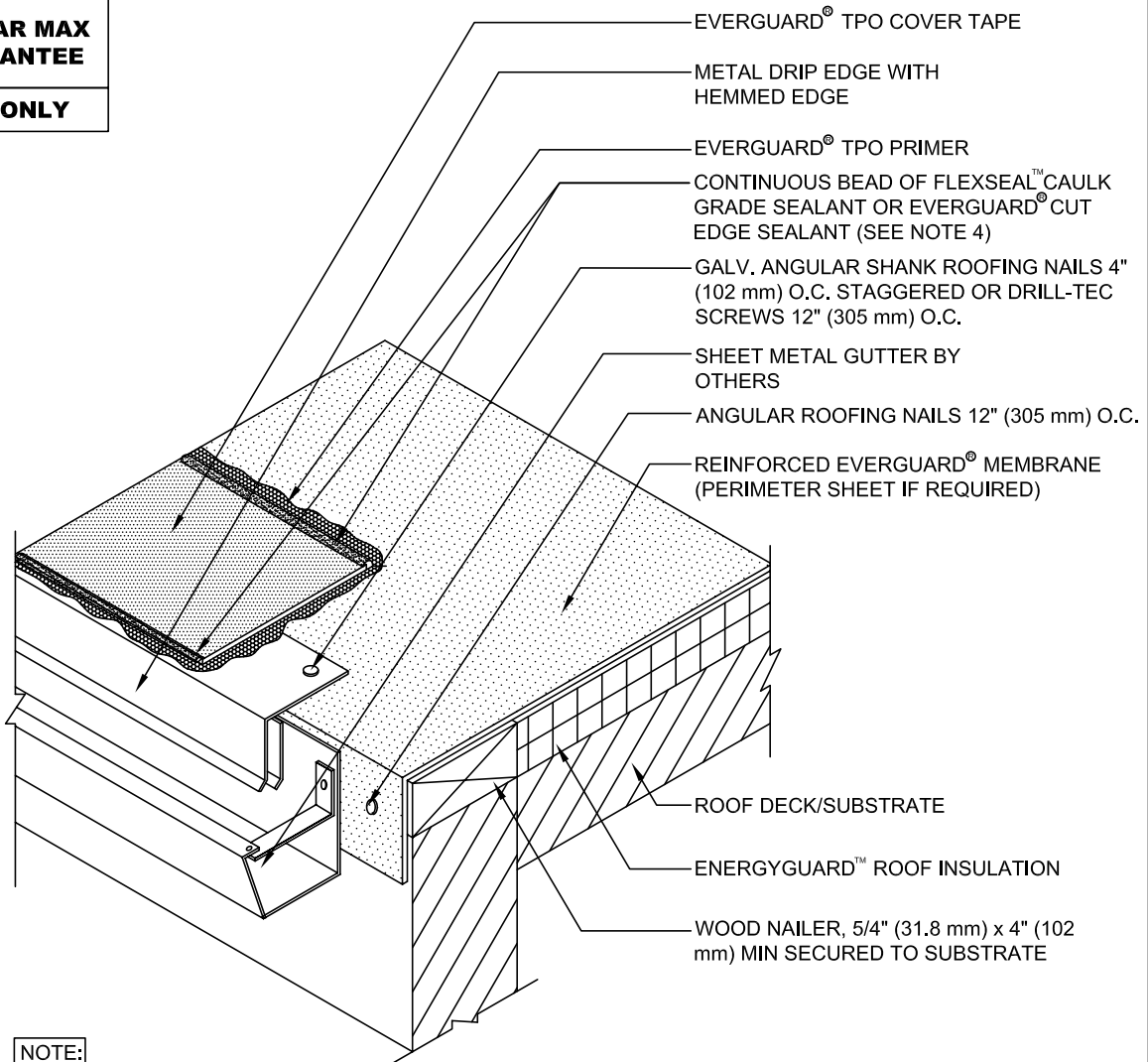
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD® DETAIL 218 OR 219 .
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	COVER TAPE AT GUTTER EDGE DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Mechanically Attached Systems Self - Adhered Systems
		214A		
		SCALE		12-12-17
		N.T.S.		

**20-YEAR MAX
 GUARANTEE**

TPO ONLY



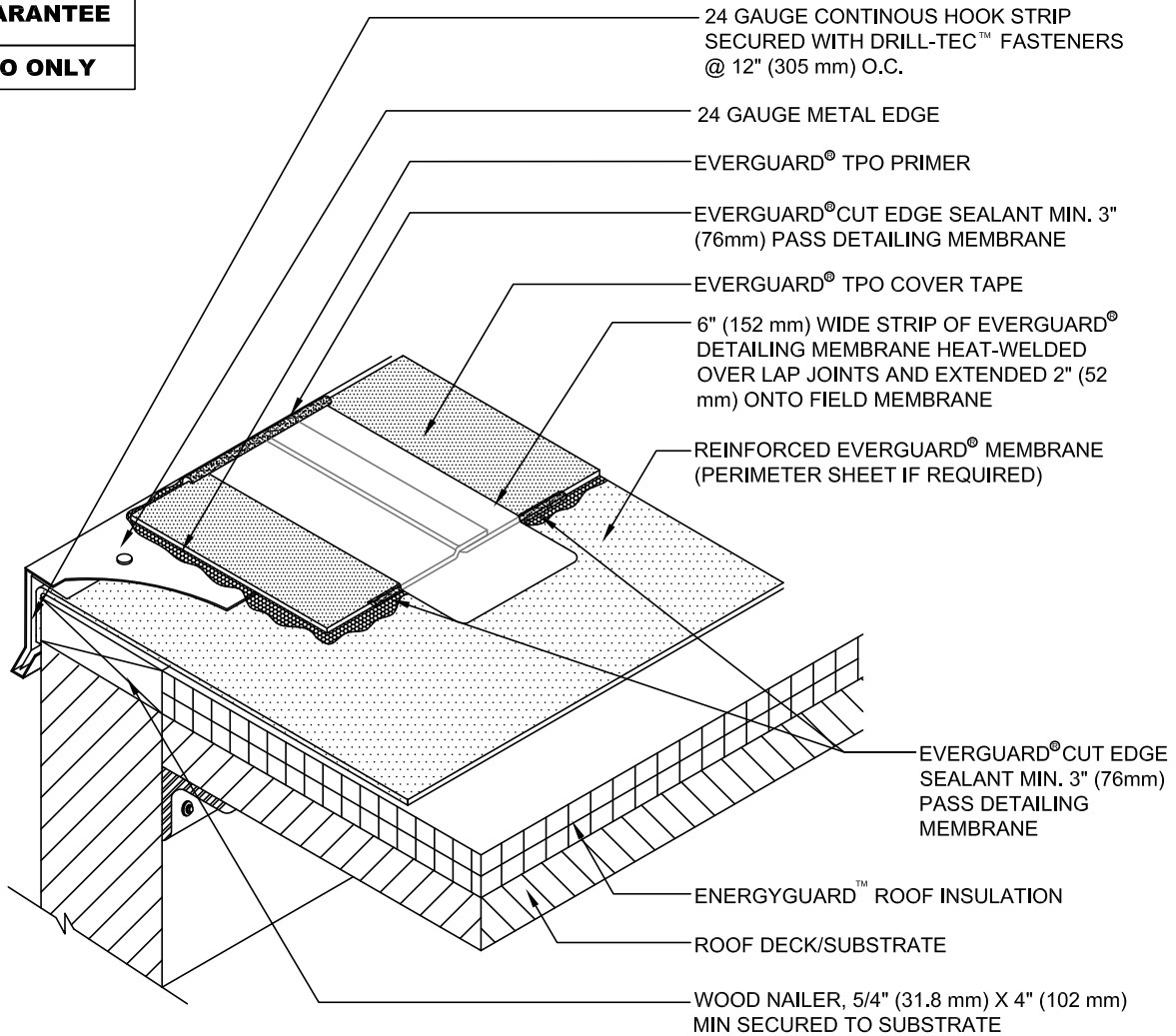
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD DETAIL 218 OR 219 .
4. FLEXSEAL™ CAULK GRADE SEALANT SHOULD BE FEATHERED OUT AND APPLIED TO BOTH INSIDE AND OUTSIDE EDGES. ENSURE PRIMER EXTENDS UNDER FLEXSEAL™ CAULK GRADE SEALANT.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF EDGE SERIES	DRAWING #	<h2>COVER TAPE AT GUTTER EDGE DETAIL</h2>	THIS DETAIL APPLIES TO: Adhered Systems Mechanically Attached Systems Self - Adhered Systems
		214B		
		N.T.S.		10-3-17

**15-YEAR MAX
 GUARANTEE**

TPO ONLY



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD® DETAIL 218 OR 219 .
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 ROOF EDGE SERIES

DRAWING #
215A

SCALE
 N.T.S.

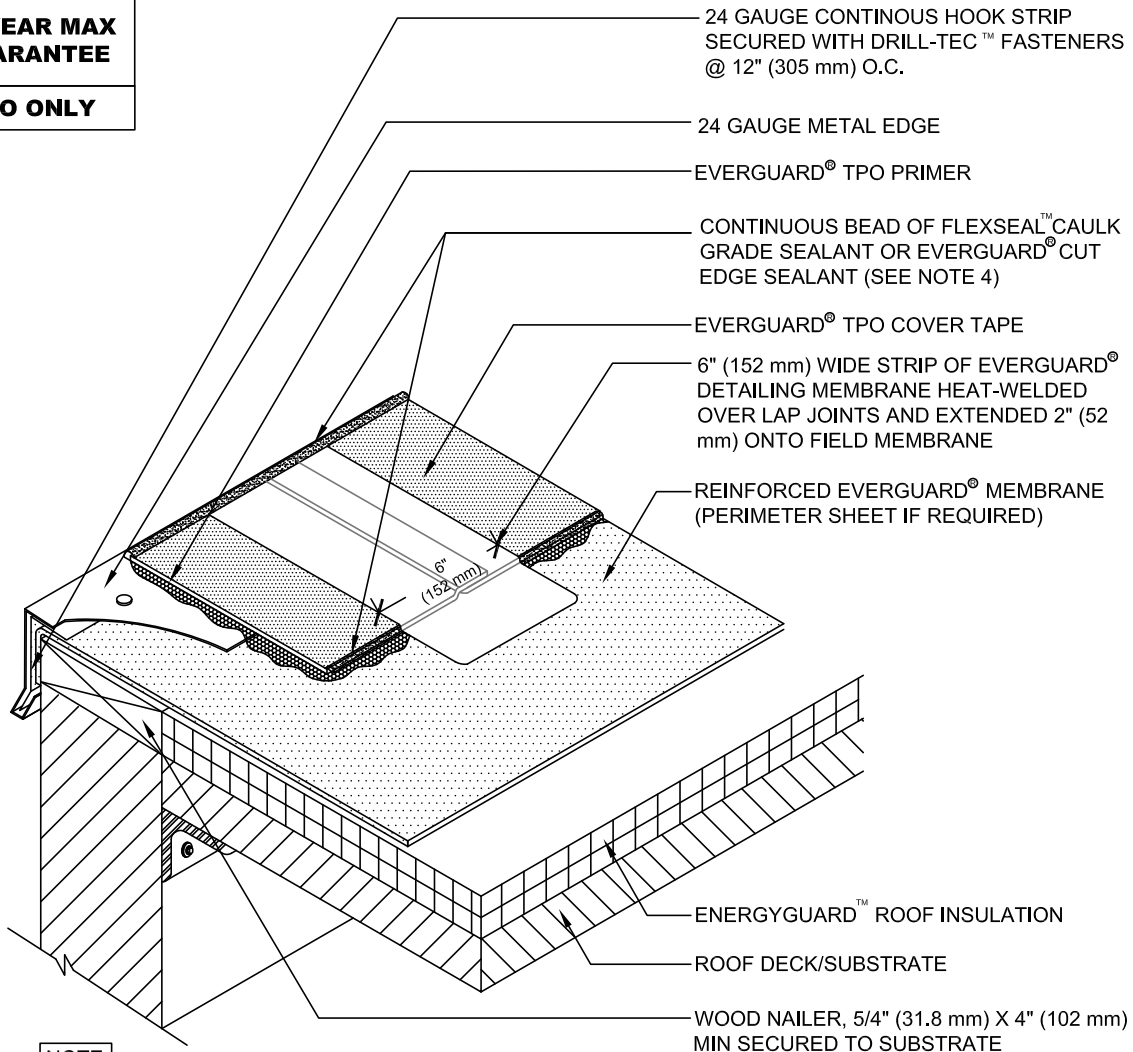
**COVER TAPE OVERLAP AT ROOF
 EDGE DETAIL**

THIS DETAIL APPLIES TO:
 Adhered Systems
 Mechanically Attached Systems
 Self - Adhered Systems

REVISION DATE
 12-12-17

**20-YEAR MAX
 GUARANTEE**

TPO ONLY



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD DETAIL 218 OR 219.
4. FLEXSEAL™ CAULK GRADE SEALANT SHOULD BE FEATHERED OUT AND APPLIED TO BOTH INSIDE AND OUTSIDE EDGES. ENSURE PRIMER EXTENDS UNDER FLEXSEAL™ CAULK GRADE SEALANT.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
 SINGLE PLY ROOFING SYSTEMS
 ROOF EDGE SERIES

DRAWING #
215B

SCALE
 N.T.S.

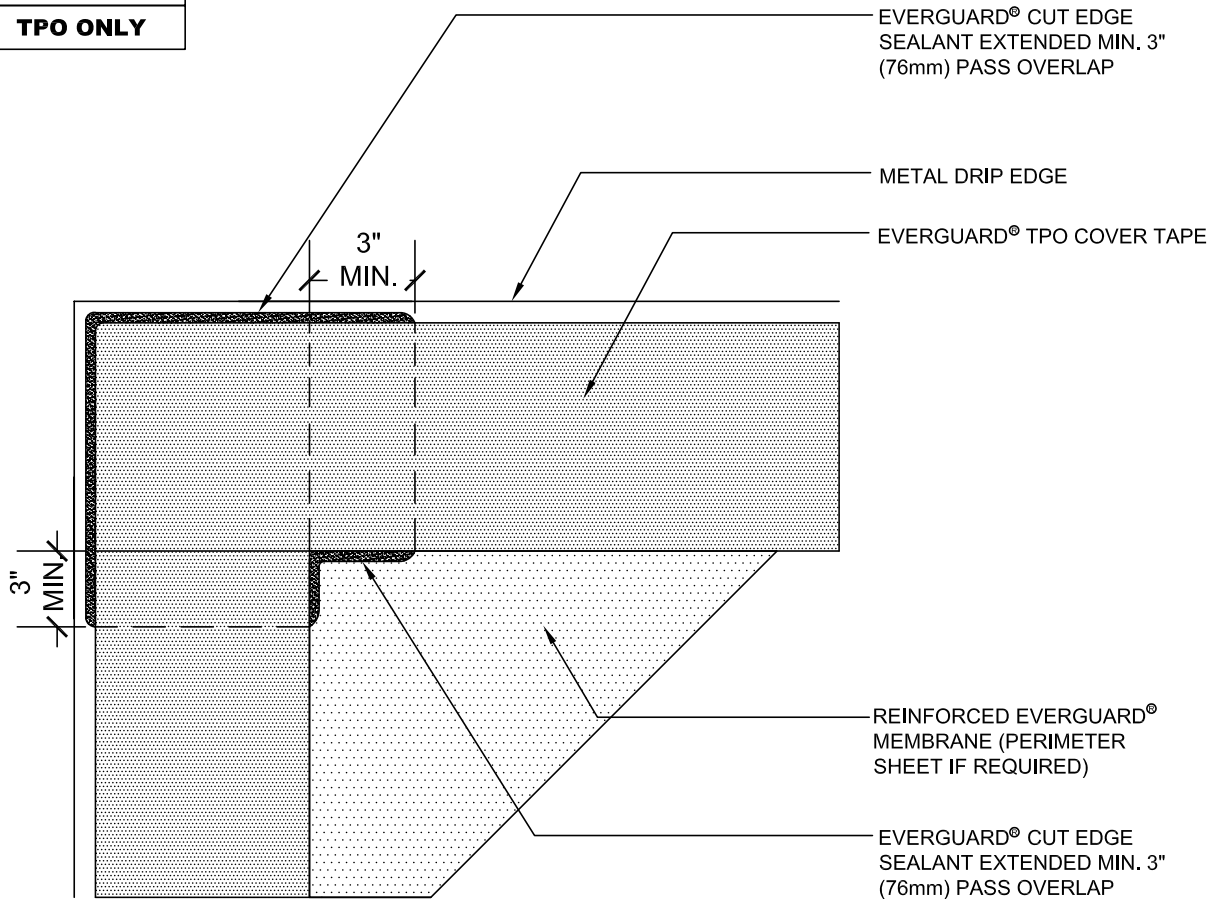
**COVER TAPE OVERLAP AT ROOF
 EDGE DETAIL**

THIS DETAIL APPLIES TO:
 Adhered Systems
 Mechanically Attached Systems
 Self-Adhered Systems

REVISION DATE
 12-12-17


**15-YEAR MAX
 GUARANTEE**

TPO ONLY



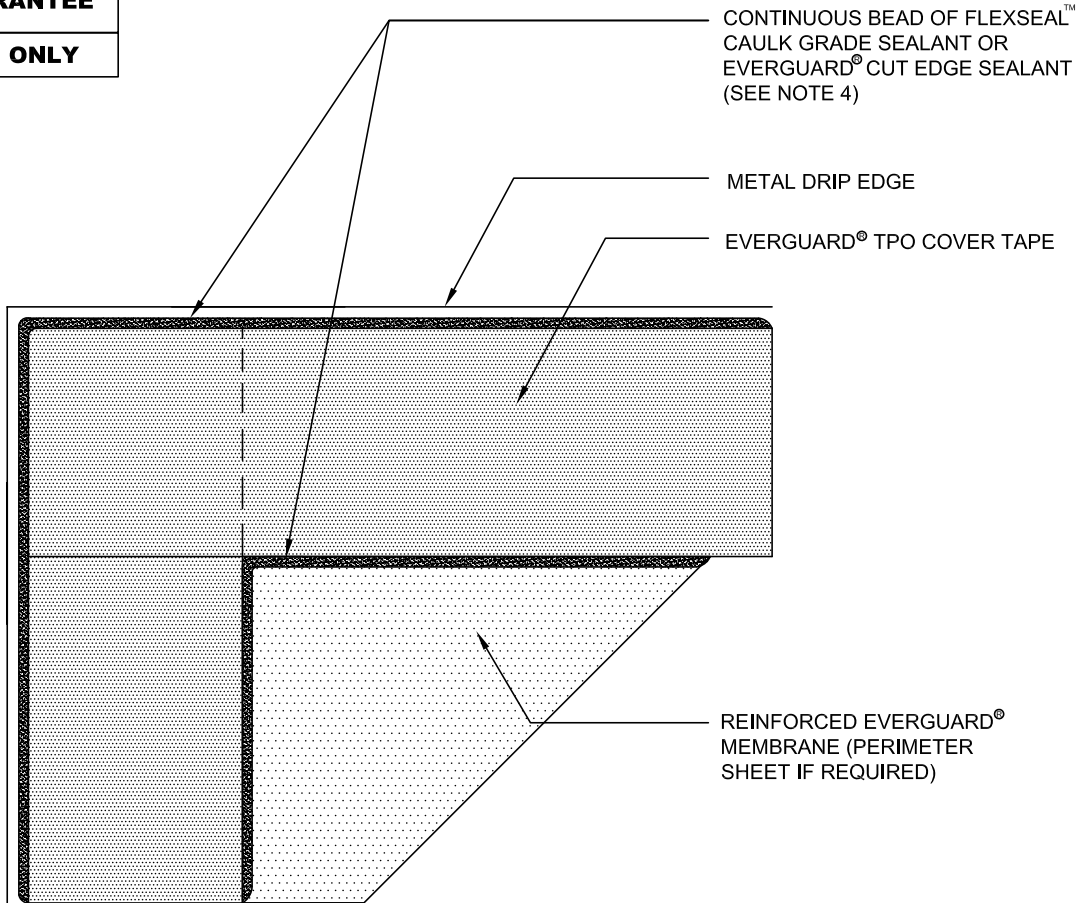
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD® DETAIL 218 OR 219 .
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	COVER TAPE AT ROOF EDGE CORNER DETAIL	THIS DETAIL APPLIES TO:
		216A		Adhered Systems Mechanically Attached Systems Self - Adhered Systems
		SCALE		REVISION DATE
		N.T.S.		12-12-17


**20-YEAR MAX
 GUARANTEE**

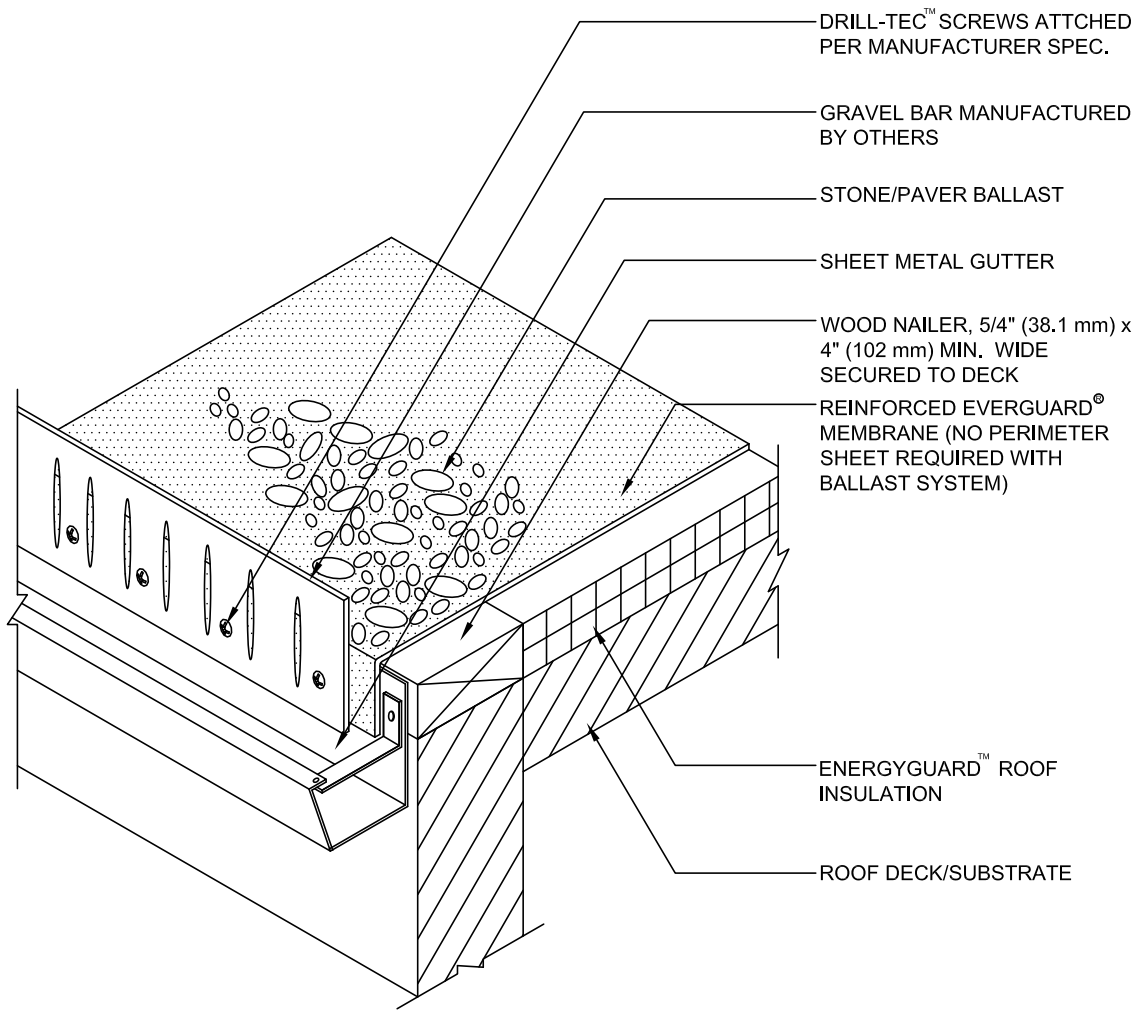
TPO ONLY



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
3. THIS DETAIL IS **NOT** TO BE USED ON SLOPES GREATER THAN 1:12. FOR SLOPES GREATER THAN 1:12, REFER TO EVERGUARD DETAIL 218 OR 219 .
4. FLEXSEAL™ CAULK GRADE SEALANT SHOULD BE FEATHERED OUT AND APPLIED TO BOTH INSIDE AND OUTSIDE EDGES. ENSURE PRIMER EXTENDS UNDER FLEXSEAL™ CAULK GRADE SEALANT.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	COVER TAPE AT ROOF EDGE CORNER DETAIL	THIS DETAIL APPLIES TO:
		216B		Adhered Systems Mechanically Attached Systems Self - Adhered Systems
		SCALE		REVISION DATE
		N.T.S.		12-12-17

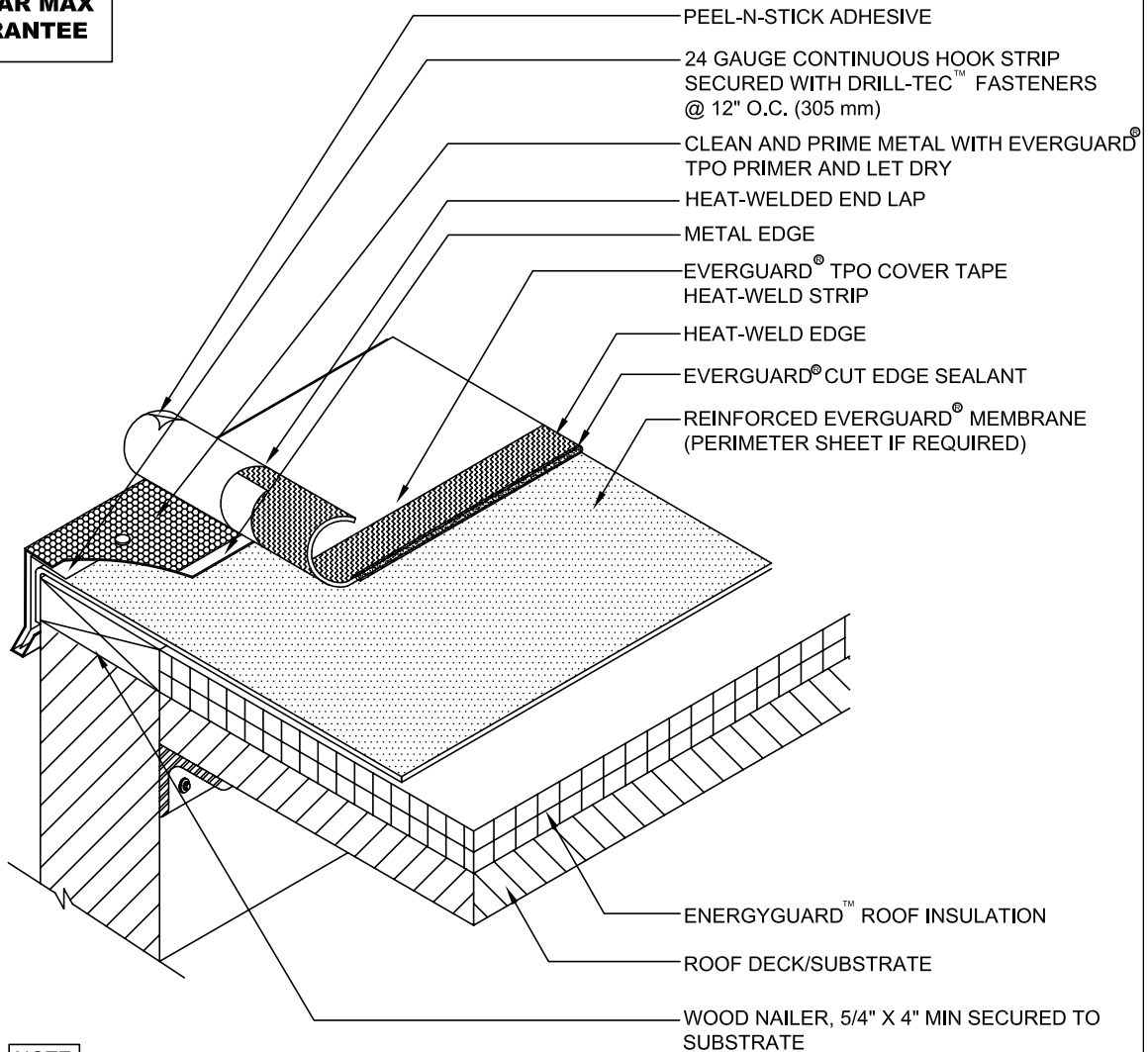


NOTE:

1. ADD BALLAST PER SPECIFICATION FOR BALLASTED SYSTEMS.
2. GUTTER IS OPTIONAL.
3. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	<h2>METAL EDGE DETAIL</h2>	THIS DETAIL APPLIES TO:
		<h1>217</h1>		Ballasted Applied Systems
		SCALE	REVISION DATE	
		N.T.S.	5-1-16	

**20-YEAR MAX
 GUARANTEE**



NOTE:

1. EVERGUARD® TPO COVER TAPE HEAT-WELD ONLY TO BE USED WITH EVERGUARD® TPO MEMBRANE.
2. 25-YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
3. PRIME THE METAL ONLY WITH EVERGUARD® TPO PRIMER. DO NOT SPILL PRIMER ON WELDED SEAM AREA.
4. HEAT-WELD THE MEMBRANE (NON-ADHESIVE SIDE ONLY) TO MEMBRANE AREA USING EITHER A ROBOTIC OR HAND WELDER TO SPEC.
5. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 ROOF EDGE SERIES

DRAWING #
218

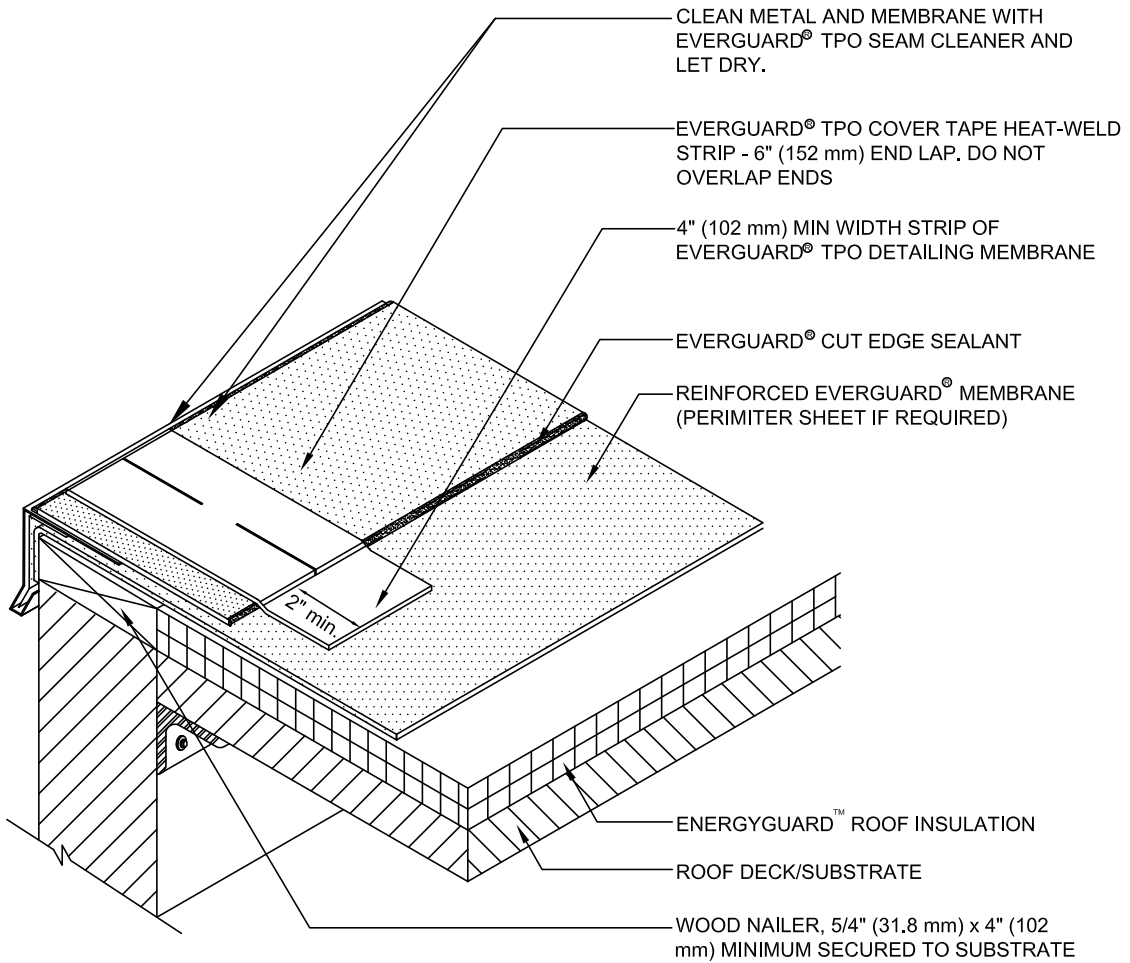
**TPO COVER TAPE HEAT-WELD STRIP
 OVERLAP AT ROOF EDGE DETAIL**

SCALE
 N.T.S.

THIS DETAIL APPLIES TO:
 Adhered Systems
 Mechanically Attached
 Systems

REVISION DATE
 12-12-17

**20 YEAR MAX
 GUARANTEE**

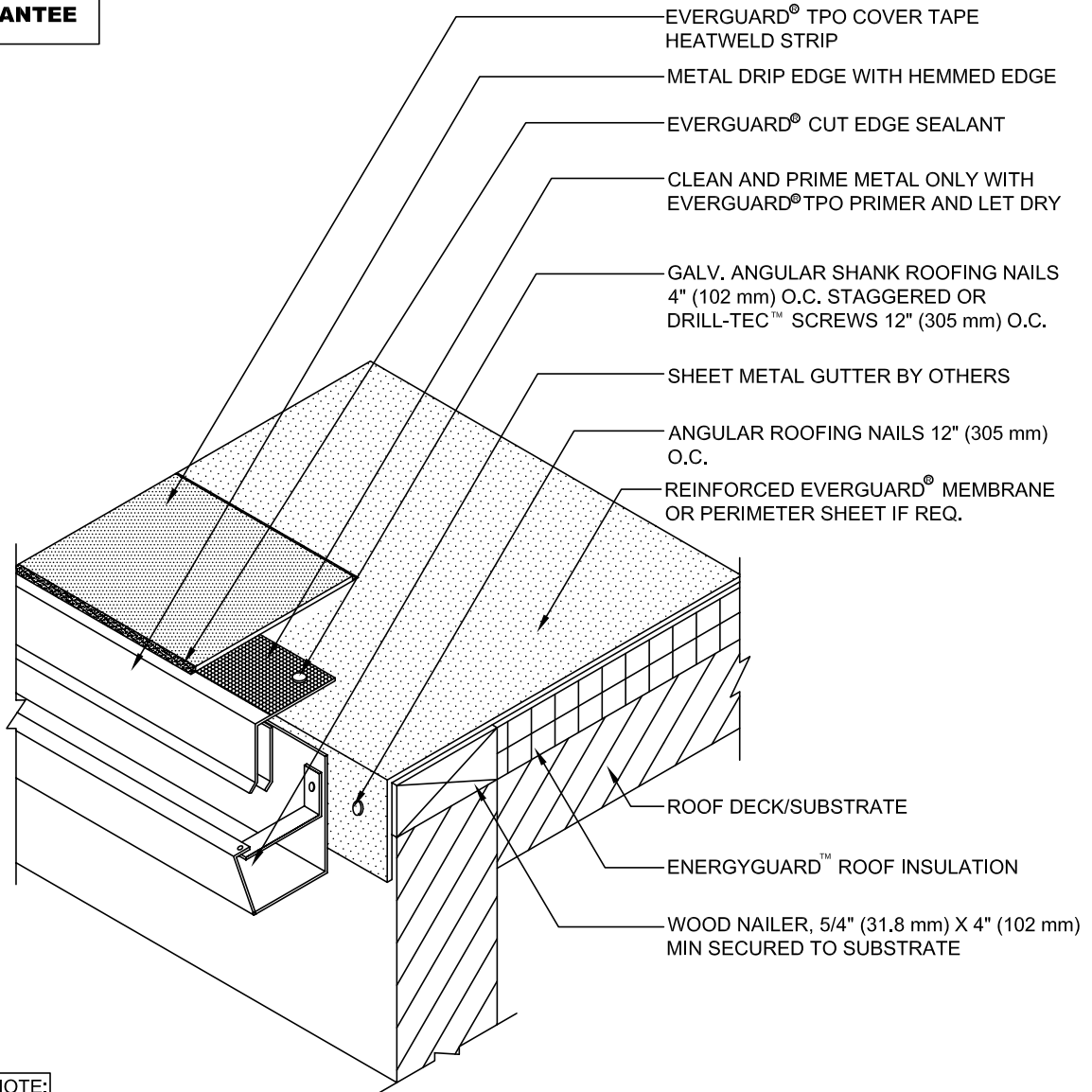


NOTE:

1. EVERGUARD® TPO COVER TAPE HEATWELD STRIP ONLY TO BE USED WITH TPO MEMBRANE SYSTEMS ONLY.
2. PRIME THE METAL ONLY WITH EVERGUARD TPO PRIMER. DO NOT SPILL PRIMER ON WELDED SEAM AREA.
3. HEAT WELD THE MEMBRANE (NON-ADHESIVE SIDE ONLY) TO MEMBRANE AREA USING EITHER A ROBOTIC OR HAND WELDER TO SPEC.
4. REFER TO DETAIL 218 FOR EVERGUARD® COVER TAPE HEATWELD ROOF EDGE INSTALLATION.
5. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	COVER TAPE HEATWELD STRIP END JOINT AT ROOF EDGE DETAIL	THIS DETAIL APPLIES TO:
		219		Adhered Systems Self-Adhered Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		12-12-17

**20-YEAR MAX
 GUARANTEE**

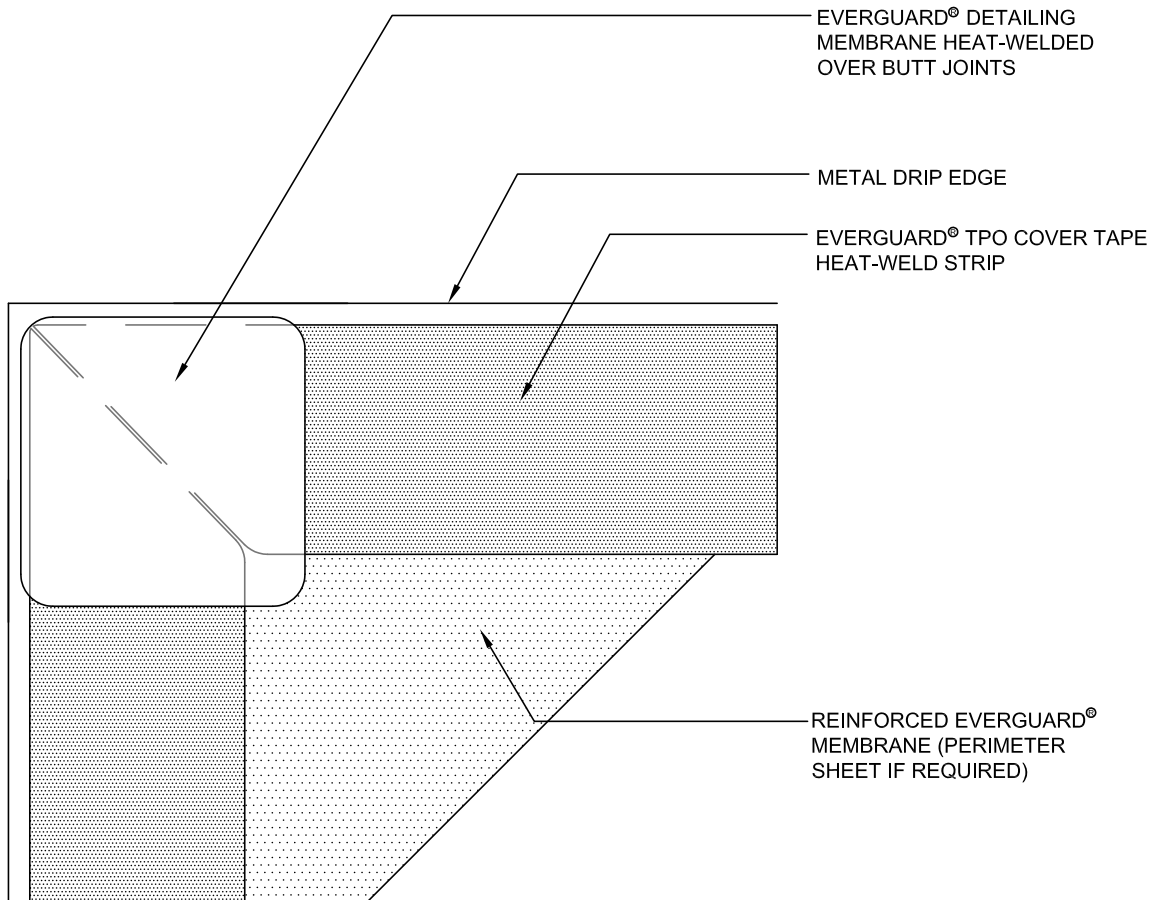


NOTE:

1. EVERGUARD® TPO COVER TAPE HEATWELD STRIP TO BE USED WITH TPO MEMBRANE SYSTEMS ONLY.
2. PRIME THE METAL ONLY WITH EVERGUARD TPO PRIMER. DO NOT SPILL PRIMER ON WELDED SEAM AREA.
3. HEAT WELD THE MEMBRANE (NON-ADHESIVE SIDE ONLY) TO MEMBRANE AREA USING EITHER A ROBOTIC OR HAND WELDER TO SPEC.
4. REFER TO DETAIL 218 FOR EVERGUARD® COVER TAPE HEATWELD ROOF EDGE INSTALLATION.
5. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	220 COVER TAPE HEAT-WELD STRIP AT GUTTER EDGE DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Adhered Systems Self - Adhered Systems Mechanically Attached Systems
		N.T.S.		REVISION DATE
				12-12-17

**20-YEAR MAX
 GUARANTEE**



NOTE:

1. EVERGUARD® TPO COVER TAPE HEAT-WELD STRIP ONLY TO BE USED WITH TPO MEMBRANE SYSTEMS ONLY.
2. PRIME THE METAL ONLY WITH EVERGUARD TPO PRIMER. DO NOT SPILL PRIMER ON WELDED SEAM AREA.
3. HEAT WELD THE MEMBRANE (NON-ADHESIVE SIDE ONLY) TO MEMBRANE AREA USING EITHER A ROBOTIC OR HAND WELDER TO SPEC.
4. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
5. REFER TO DETAIL 218 FOR EVERGUARD® COVER TAPE HEATWELD ROOF EDGE INSTALLATION.



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 ROOF EDGE SERIES

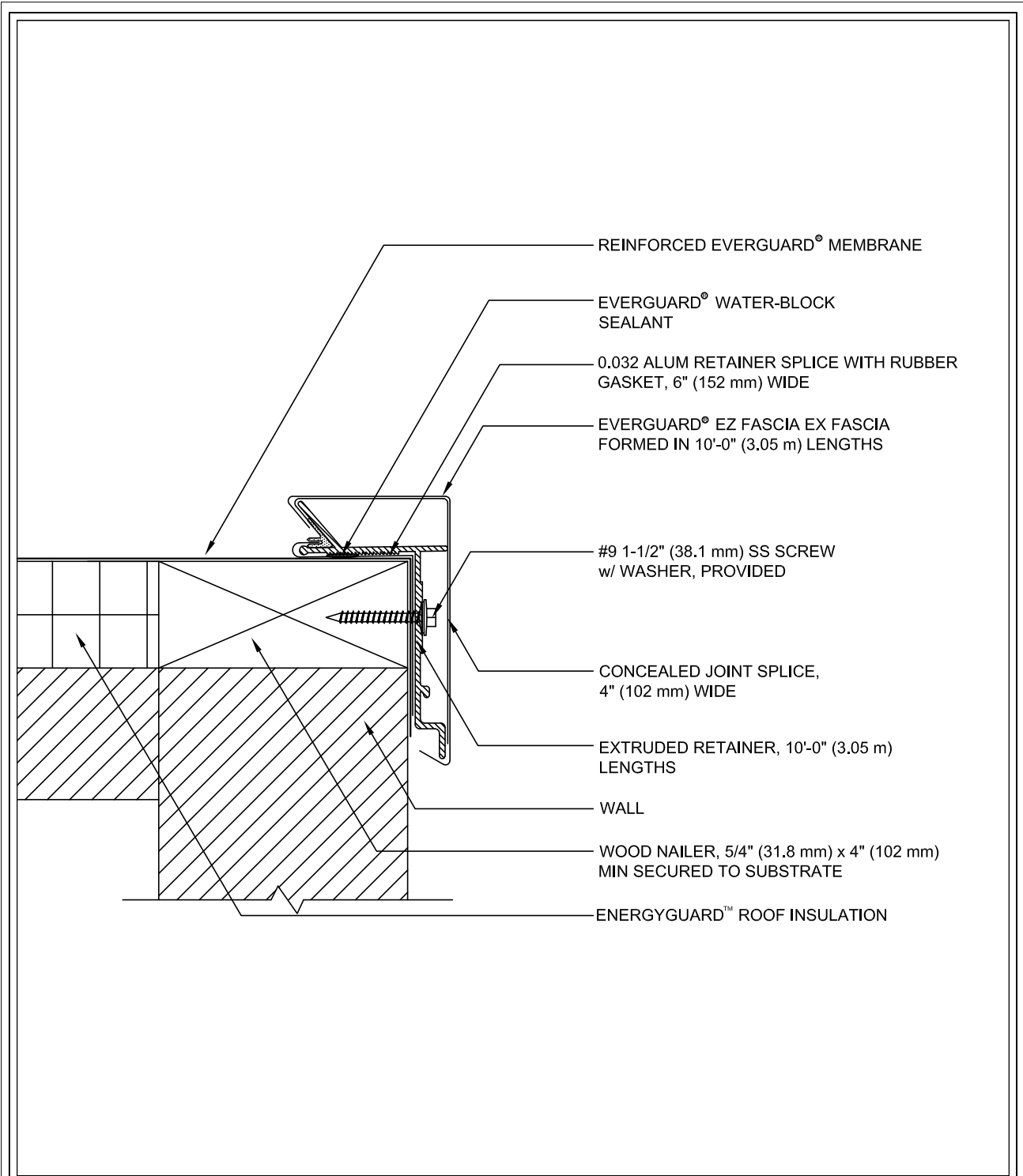
DRAWING #
221

SCALE
 N.T.S.

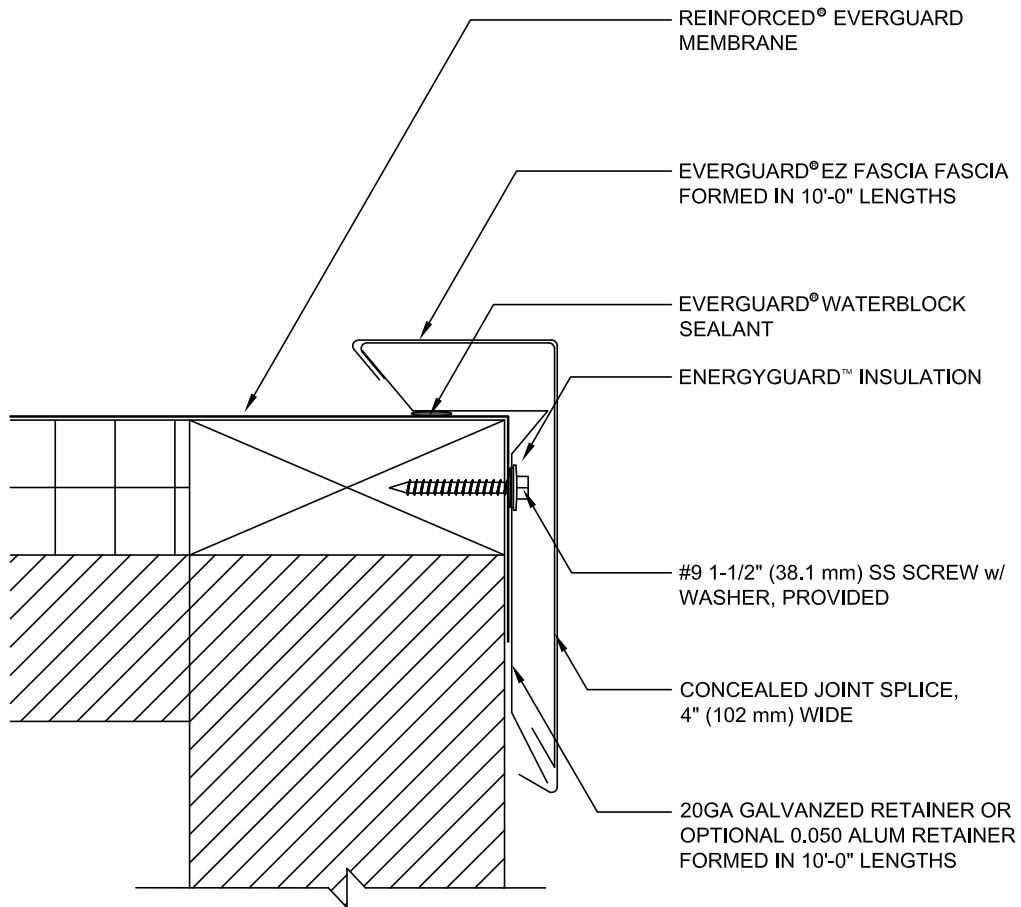
**TPO COVER TAPE HEAT-WELD AT
 METAL DRIP EDGE CORNER DETAIL**



THIS DETAIL APPLIES TO:
 Adhered Systems
 Mechanically Attached Systems
 Self - Adhered Systems

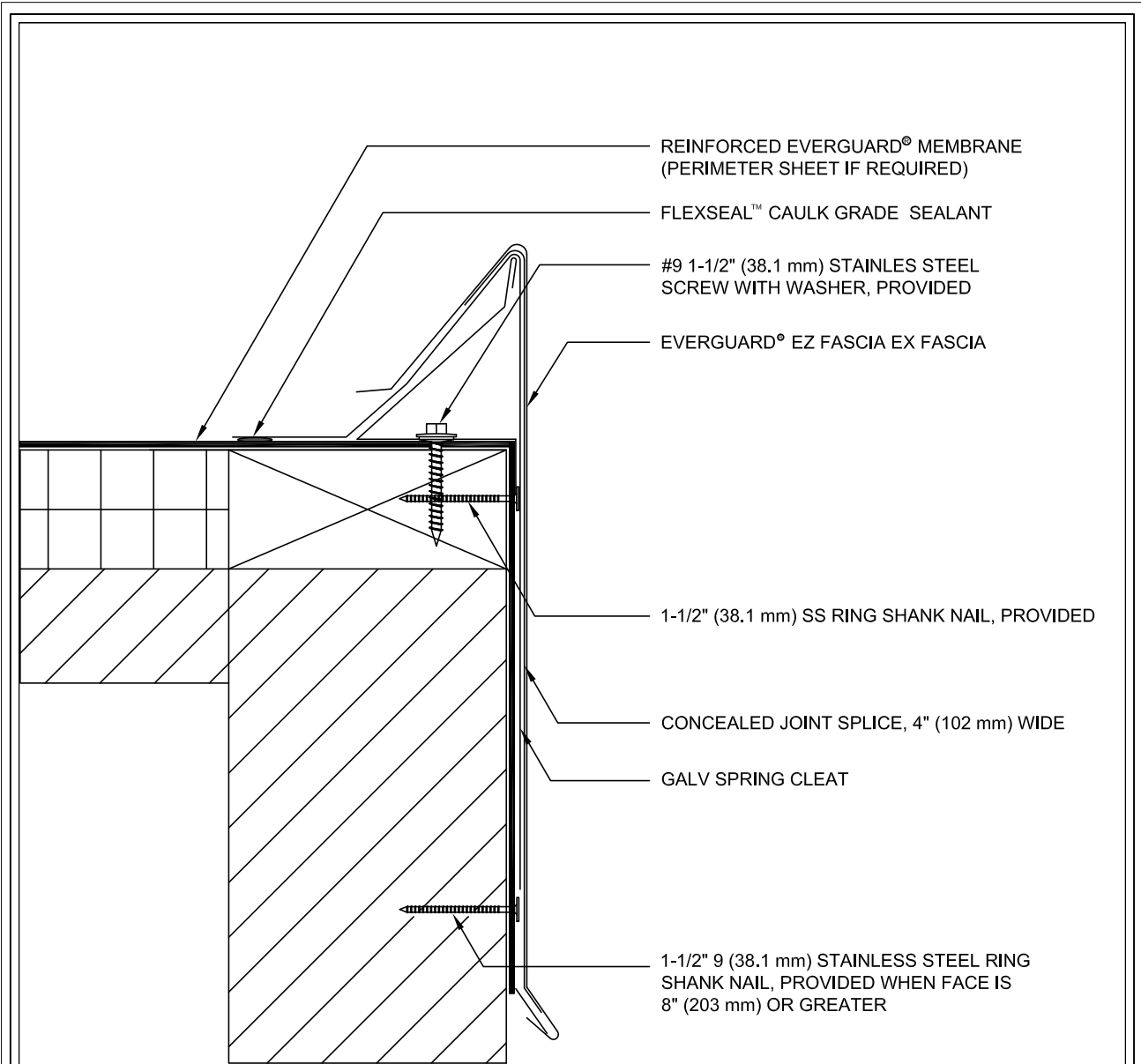
REVISION DATE
 10-3-17



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING #	<h2>EZ FASCIA EX DETAIL</h2>	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Self-Adhered Systems Mechanically Attached Systems
		231		
		SCALE		12-12-17
		N.T.S.		





 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF EDGE SERIES	DRAWING # 232	EZ FASCIA DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Self-Adhered Systems TriPosite Systems Mechanically Attached Systems
		SCALE N.T.S.		REVISION DATE 9-1-17



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

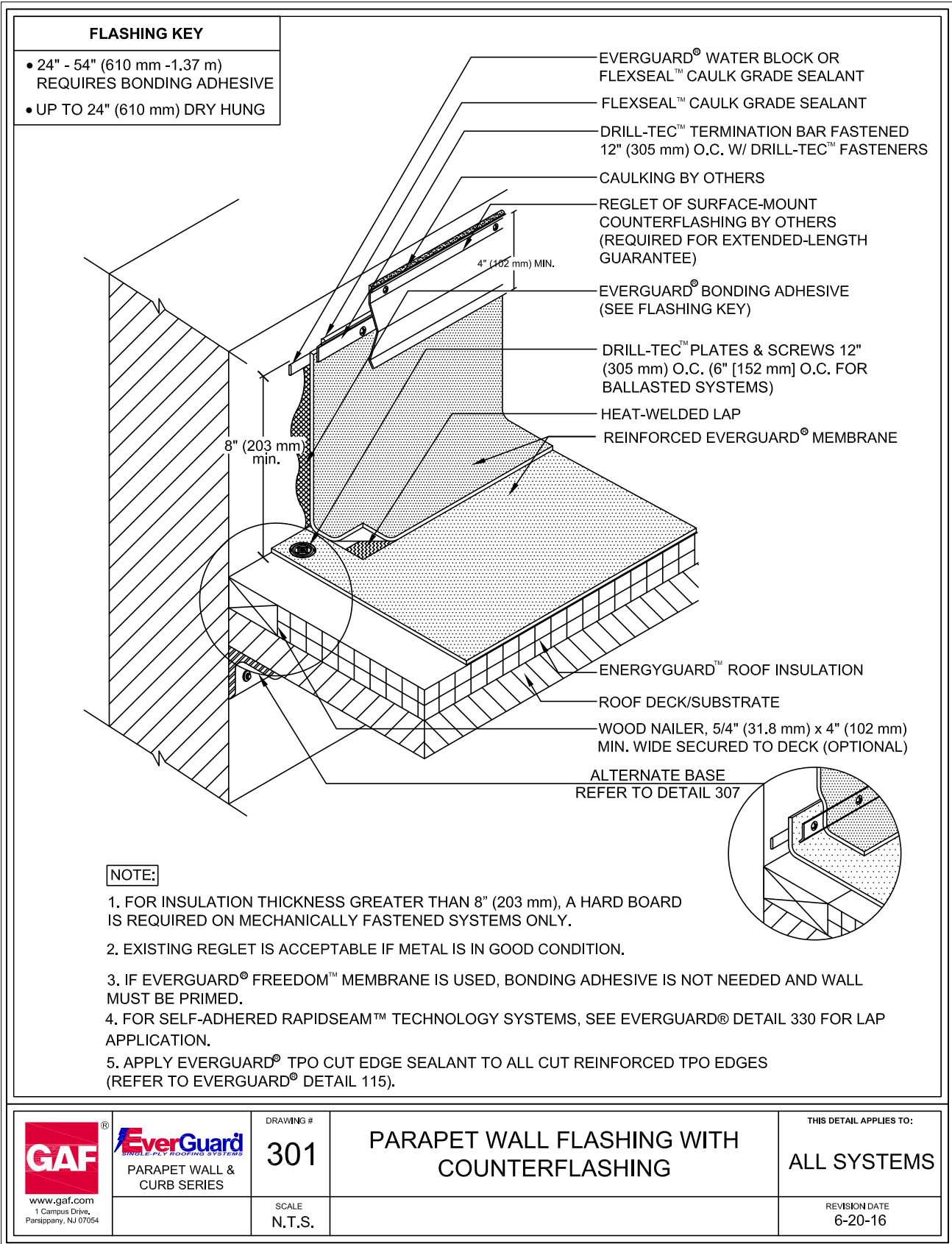
  ROOF EDGE SERIES	DRAWING #	<h2>SNAP-ON FASCIA DETAIL</h2>	THIS DETAIL APPLIES TO:
	233		ALL SYSTEMS
www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	SCALE		REVISION DATE
	N.T.S.		12-12-17

300 Series Wall and Curb Details



Quick access to installation videos and detail drawings for EverGuard® single-ply systems.

Visit http://www.gaf.com/roofing/commercial/smart_details for further information.

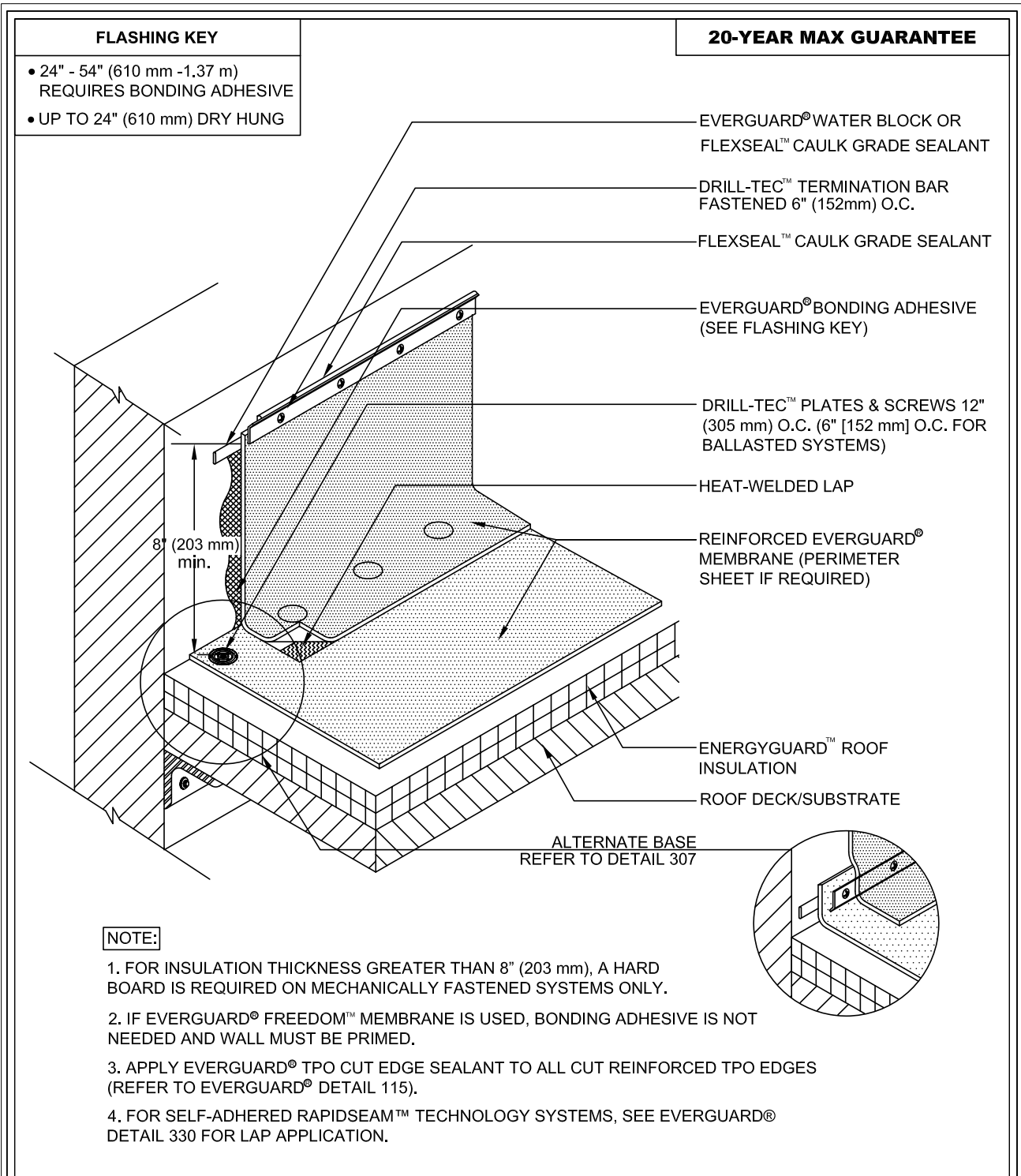


EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 PARAPET WALL &
 CURB SERIES

DRAWING #
301
 SCALE
 N.T.S.

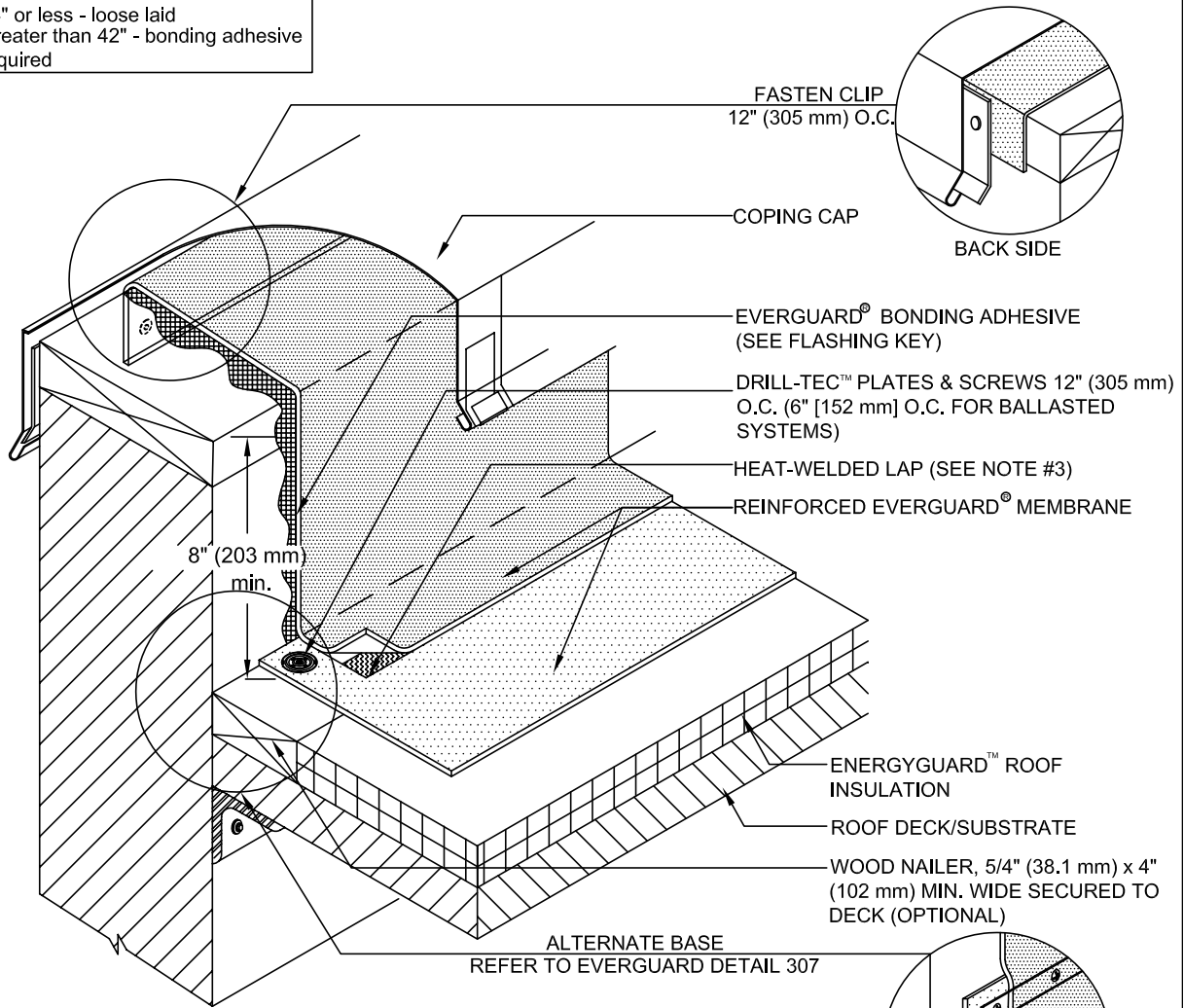
**PARAPET WALL FLASHING WITH
 COUNTERFLASHING**

THIS DETAIL APPLIES TO:
ALL SYSTEMS
 REVISION DATE
 6-20-16





<p style="font-size: 8px; margin-top: 5px;">www.gaf.com 1 Campus Drive, Parsippany, NJ 07054</p>	<p style="font-size: 8px; margin-top: 5px;">PARAPET WALL & CURB SERIES</p>	<p>DRAWING #</p> <p style="font-size: 24px; font-weight: bold;">302</p> <p>SCALE</p> <p>N.T.S.</p>	<p style="font-size: 18px; font-weight: bold;">WALL/CURB FLASHING WITH TERMINATION BAR DETAIL</p>	<p style="font-size: 8px;">THIS DETAIL APPLIES TO:</p> <p style="font-size: 14px; font-weight: bold;">ALL SYSTEMS</p> <p style="font-size: 8px; margin-top: 10px;">REVISION DATE</p> <p style="font-weight: bold;">12-12-17</p>
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FLASHING KEY
 Flashing Sheets that are...
 • 24" or less - loose laid
 • Greater than 42" - bonding adhesive required



NOTE:

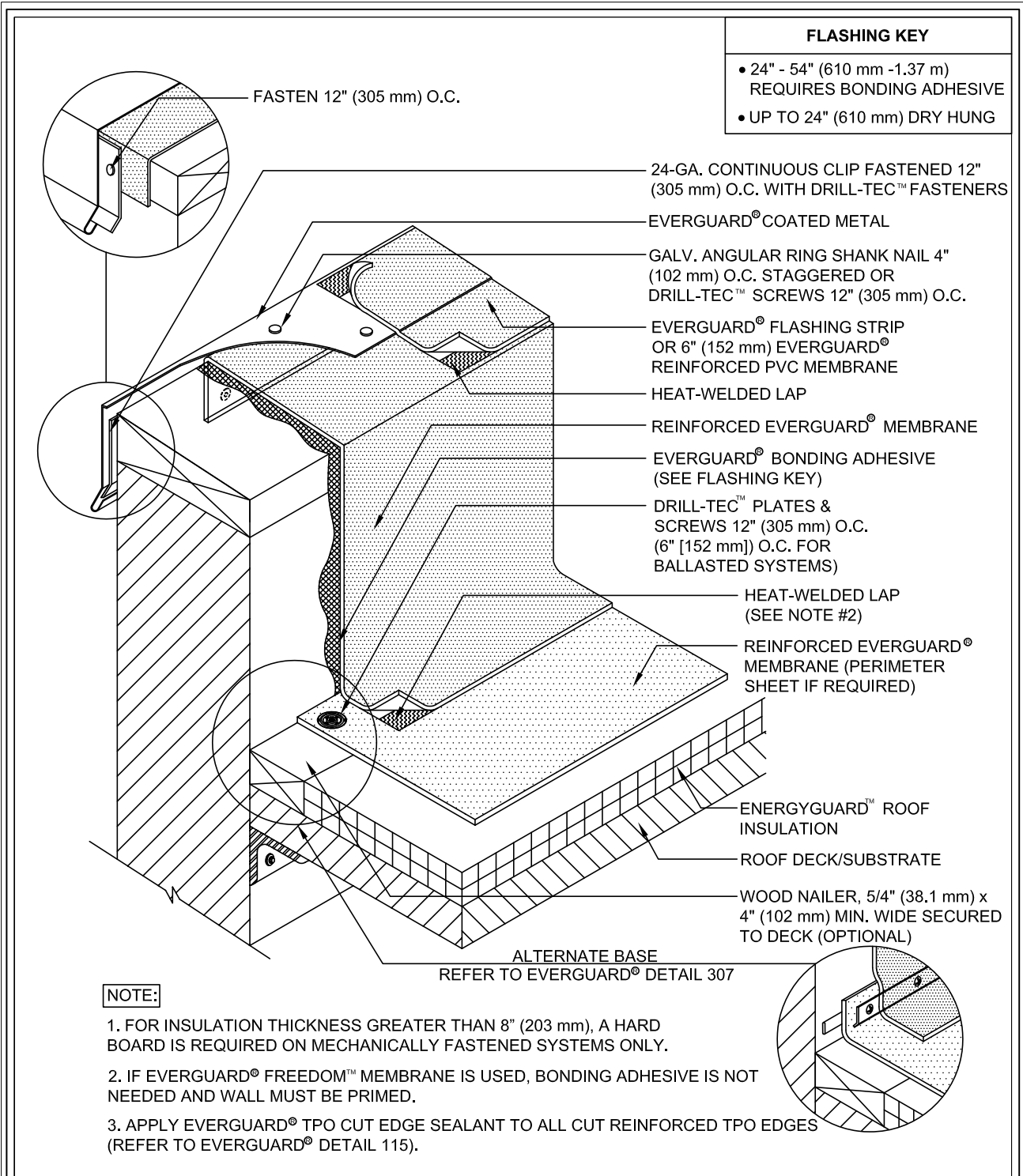
1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).
4. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	WALL CAP DETAIL	THIS DETAIL APPLIES TO:
		303		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17

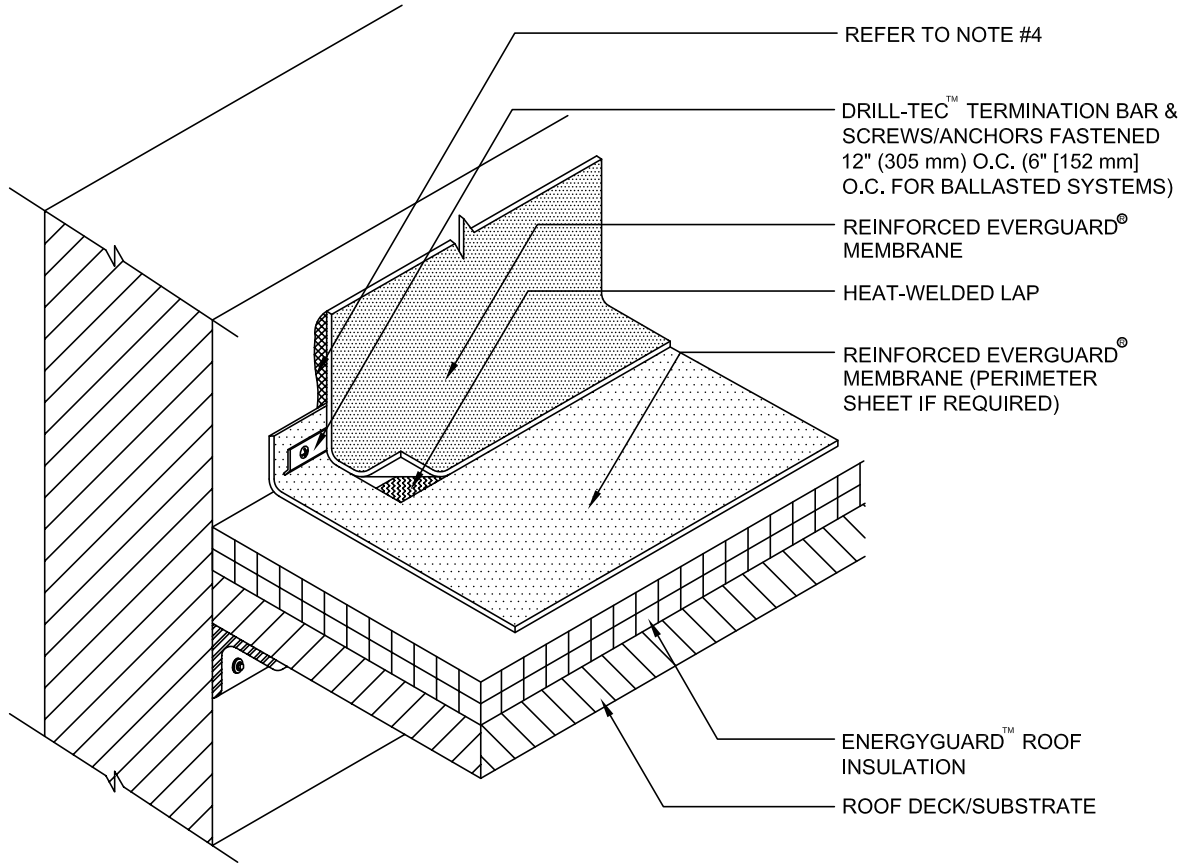
ARCHITECTURAL DETAIL DRAWINGS

EverGuard® TPO/PVC Architectural Roofing Details Manual

300 Series
Wall and Curb





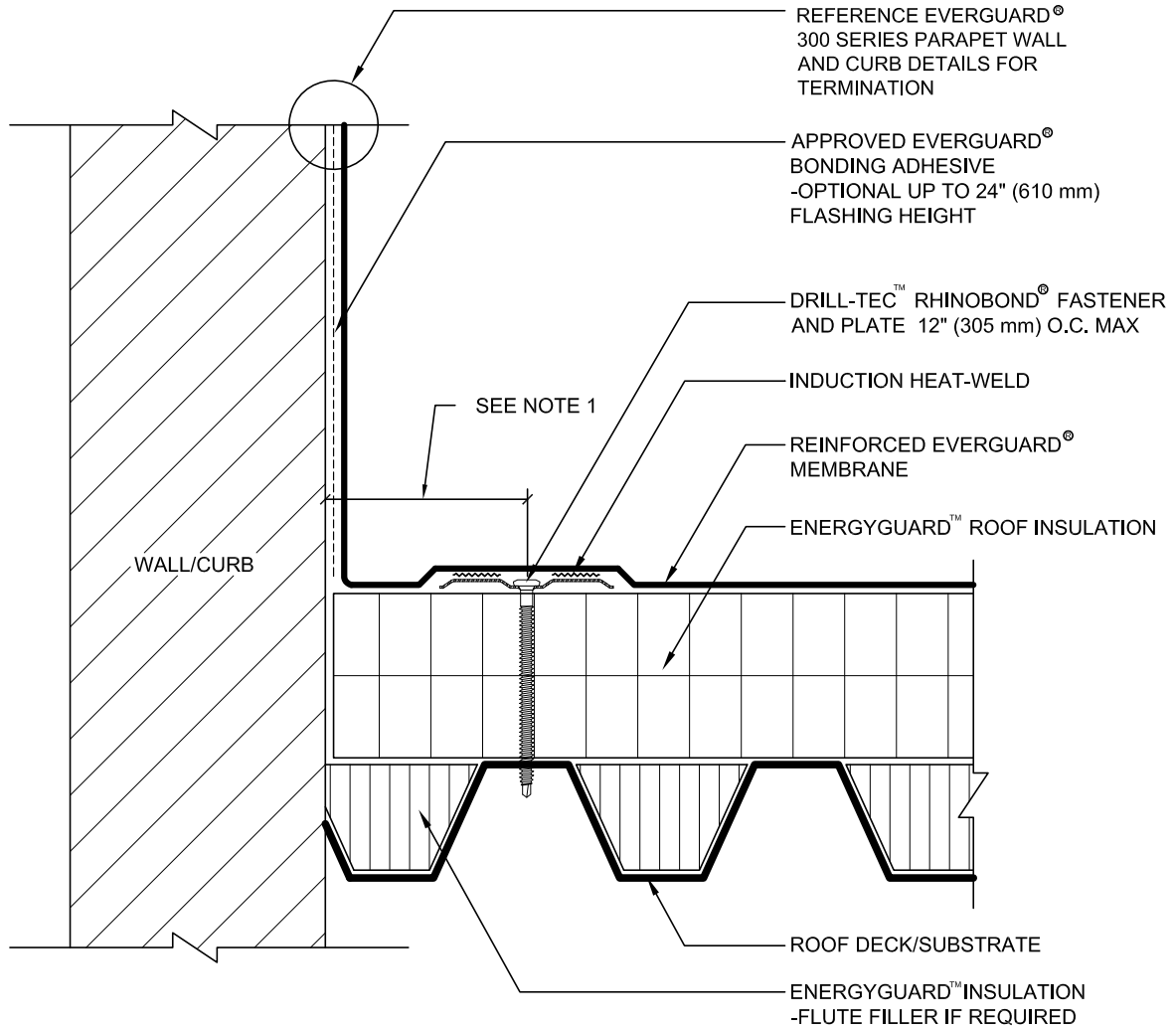
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	WALL FLASHING WITH COATED METAL EDGE DETAIL	THIS DETAIL APPLIES TO:
		304		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-20-16



NOTE:



1. PLATES & FASTENERS MAY BE USED IN LIEU OF TERM BAR IN NON-PRESSURIZED SITUATIONS.
2. THIS DETAIL NEEDS TO BE USED FOR PRESSURIZED SITUATIONS, IN ALL SYSTEMS.
3. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
4. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD DETAIL 115).

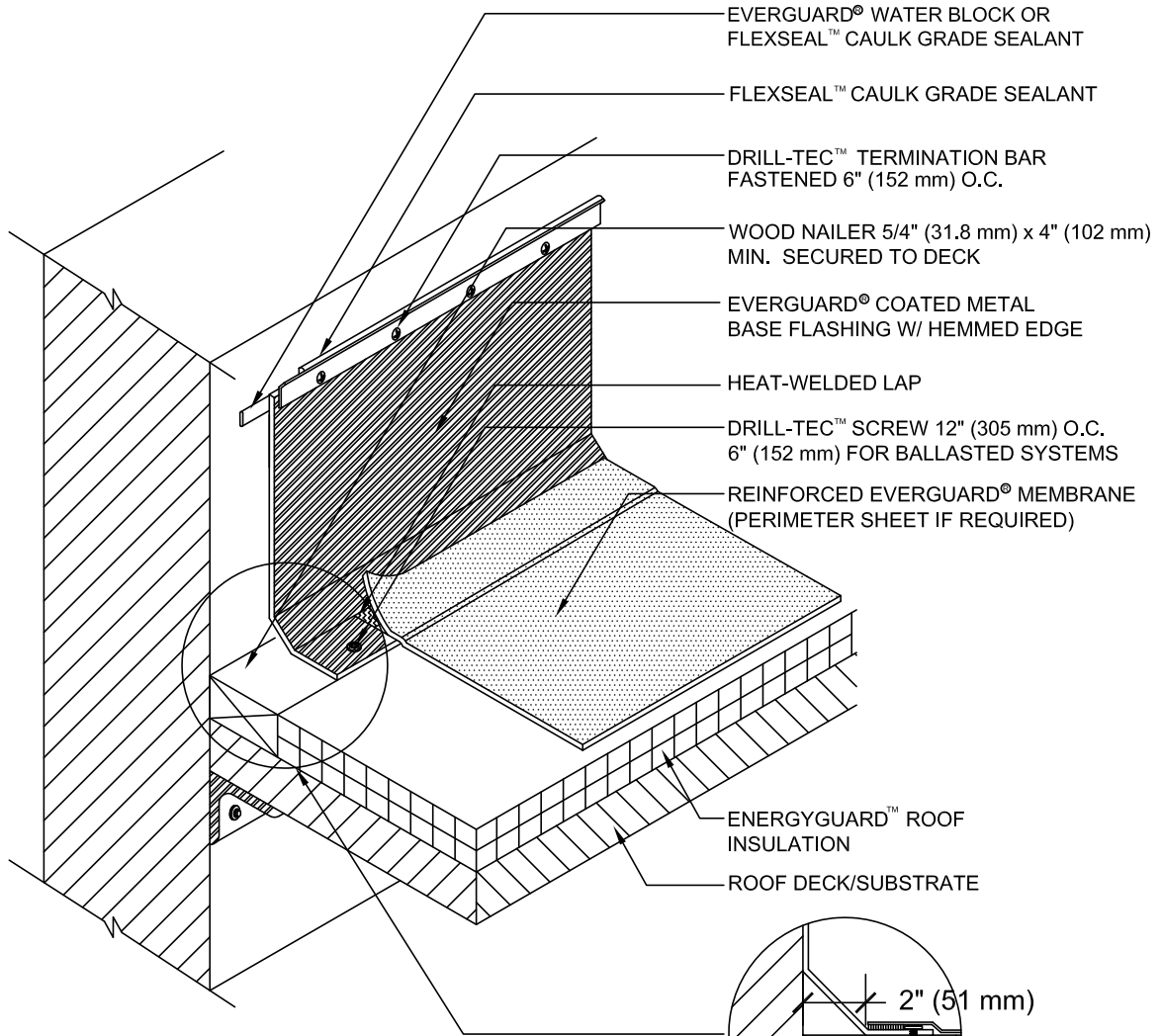
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING # 307A	ALTERNATE WALL BASE TERMINATION DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Mechanically Attached Systems Self-Adhered Systems (Heat-Weld Only)
		SCALE N.T.S.		REVISION DATE 12-12-17



NOTE:



1. DRILL-TEC™ RHINOBOND® FASTENER & PLATE MUST BE INSTALLED A MAXIMUM 6" (152 mm) FROM THE ANGLE CHANGE.
2. REFER TO THE DRILL-TEC™ RHINOBOND® ATTACHMENT TABLES FOR DETAILED INSTALLATION REQUIREMENTS REGARDING DECK TYPE, PLATE & FASTENER TYPE, AND MIN. EMBEDMENT.

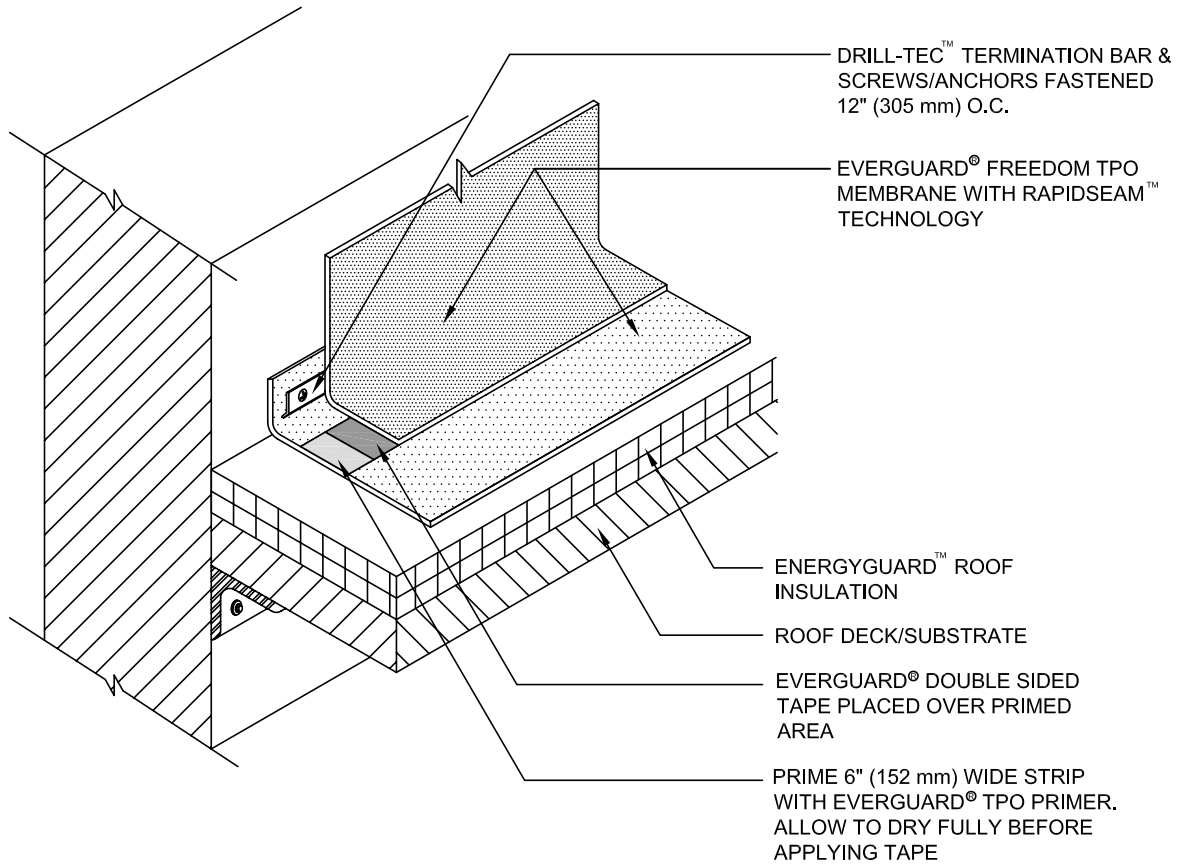
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	307B BASE TIE-IN CONTINUOUS FLASHING AT ANGLE CHANGE DETAIL	THIS DETAIL APPLIES TO:
		SCALE		REVISION DATE
		N.T.S.		RHINOBOND® ATTACHMENT SYSTEMS 12-12-17



NOTE:



1. FOR EXTENDED WARRANTY, COUNTERFLASHING MUST BE USED. SEE EVERGUARD® DETAIL 301.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. FOR 15-YR. WARRANTY, ADD FLEXSEAL™ CAULK GRADE SEALANT BEHIND COATED METAL. ADD TERMINATION BAR EVEN WITH TOP OF COATED METAL. SECURE BAR 12" (305 mm) O.C. AND ADD FLEXSEAL™ CAULK GRADE SEALANT IN A BEAD SO THAT BOTH COATED METAL AND TERMINATION BAR ARE COVERED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

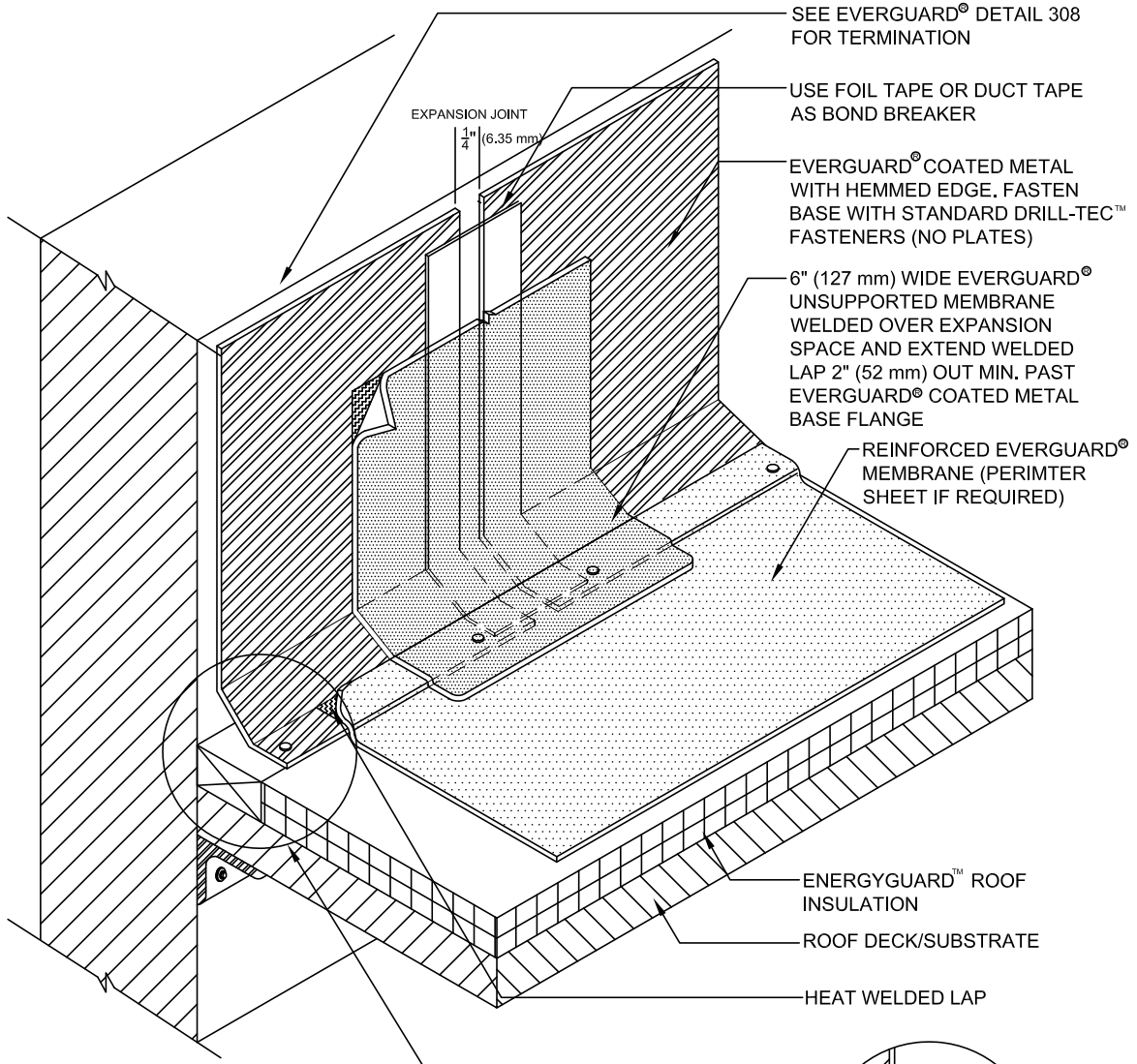
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	COATED METAL WALL FLASHING DETAIL	THIS DETAIL APPLIES TO:
		308		ALL SYSTEMS
		SCALE	REVISION DATE	
		N.T.S.	6-20-16	



NOTE:

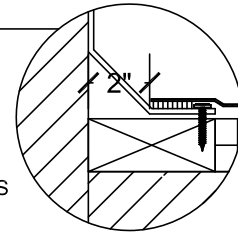
1. TERMINATION BAR NEEDED FOR PRESSURIZED SITUATIONS. PLATES & FASTENERS MAY BE USED IN LIEU OF TERM BAR IN NON-PRESSURIZED SITUATIONS.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	WALL BASE TERMINATION - RAPIDSEAM™ DETAIL	THIS DETAIL APPLIES TO: Self-Adhered Systems <small>(RAPIDSEAM™ TECHNOLOGY MEMBRANE ONLY)</small>
		309		REVISION DATE 12-12-17
		SCALE N.T.S.		

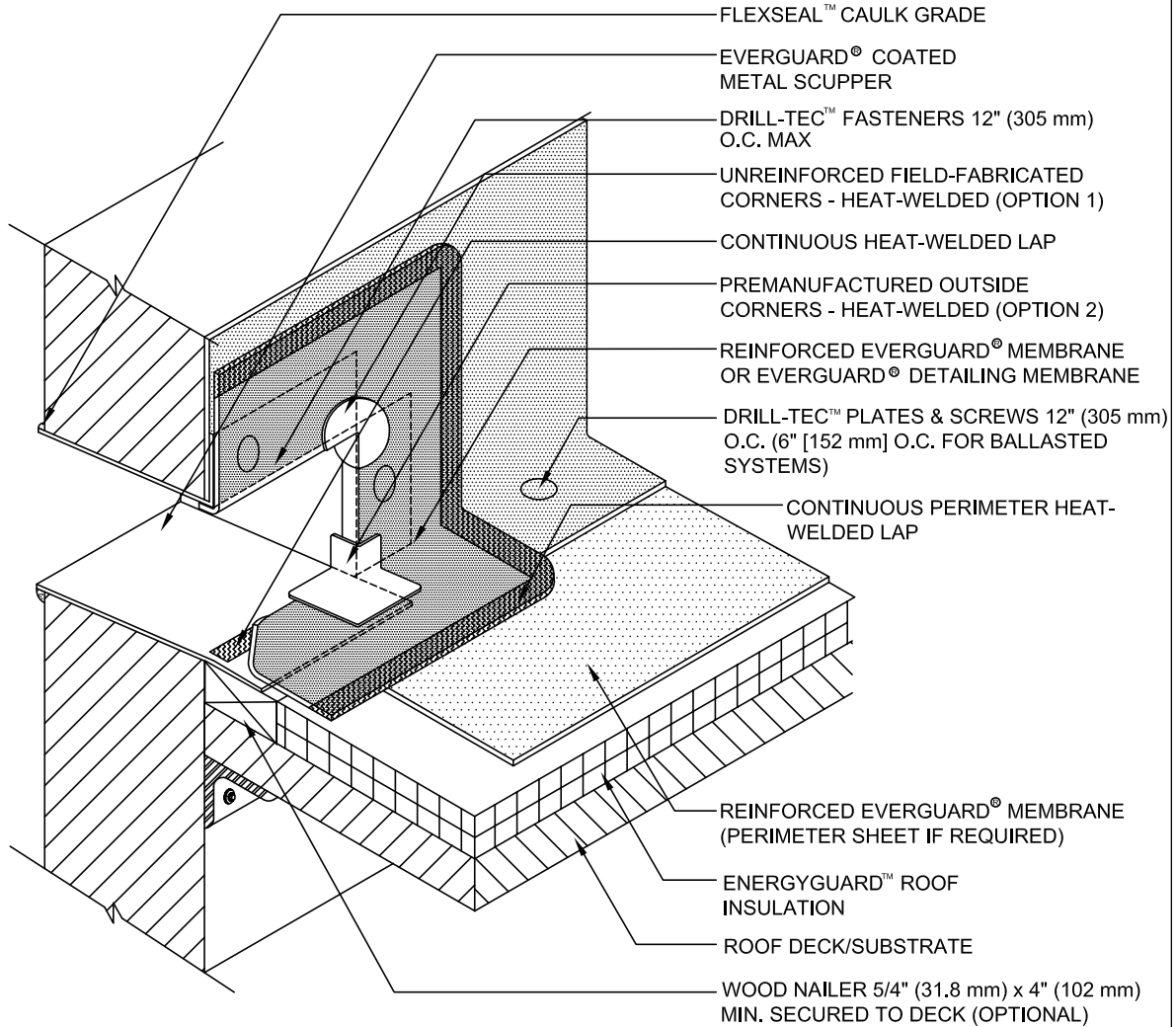


NOTE:

1. DETAIL TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATION CONTAINING REQUIREMENTS FOR NAILERS, INSULATION ETC.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).





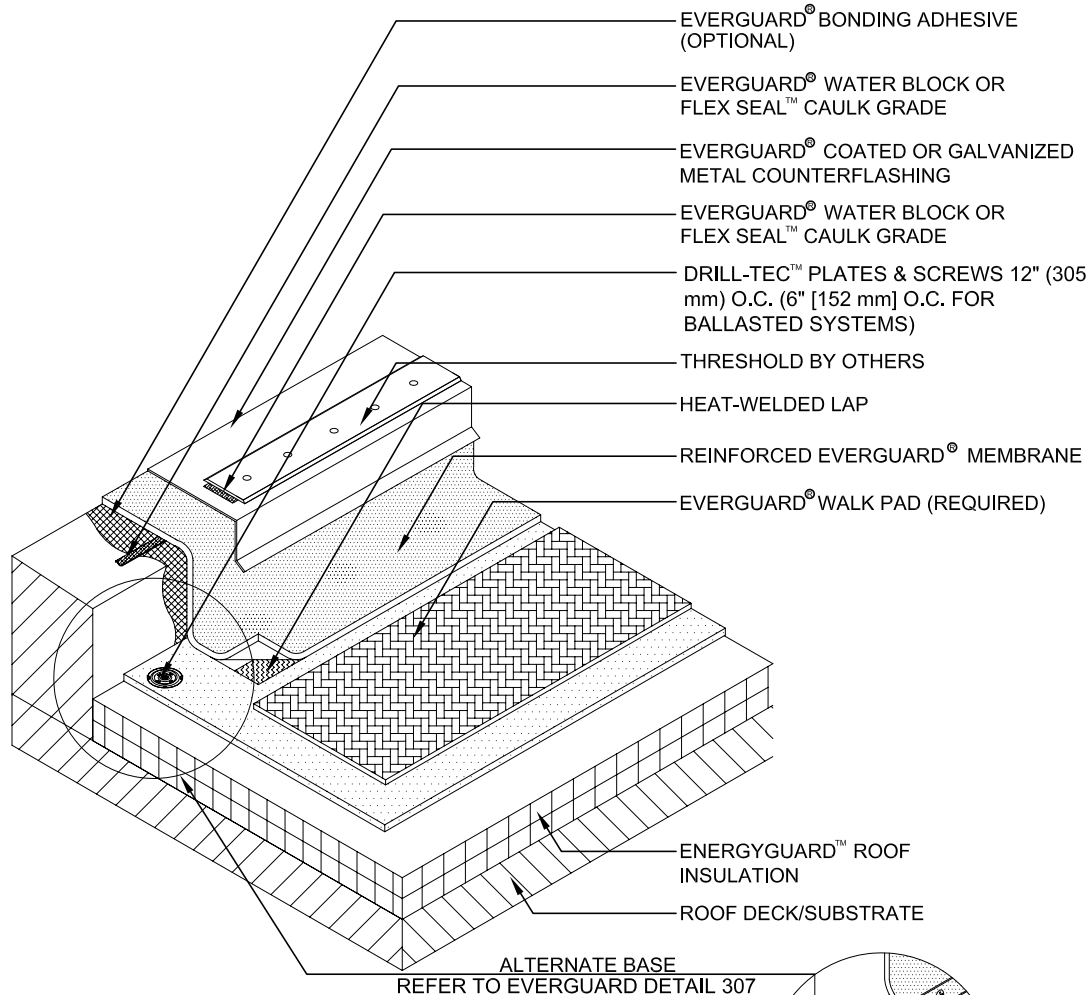
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	310 COATED METAL WALL FLASHING JOINT DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems
		SCALE		
		N.T.S.		10-3-17



NOTE:

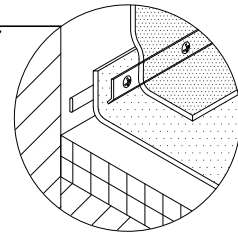
1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. REMEMBER TO INSTALL EVERGUARD® UNREINFORCED OR PREMANUFACTURED OUTSIDE CORNERS TO THE SCUPPERS' FOUR ROOF-SIDE CORNERS.
3. SCUPPER MUST BE SEALED OFF ON OUTSIDE OF BUILDING.
4. IF EVERGUARD® COATED METAL IS NOT AN OPTION ADHERE MEMBRANE TO THE NEW SCUPPER BOX.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	<h2>COATED METAL WALL SCUPPER DETAIL</h2>	THIS DETAIL APPLIES TO:
		311		Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems (Heat-Weld Systems Only)
		SCALE		REVISION DATE
		N.T.S.		12-12-17





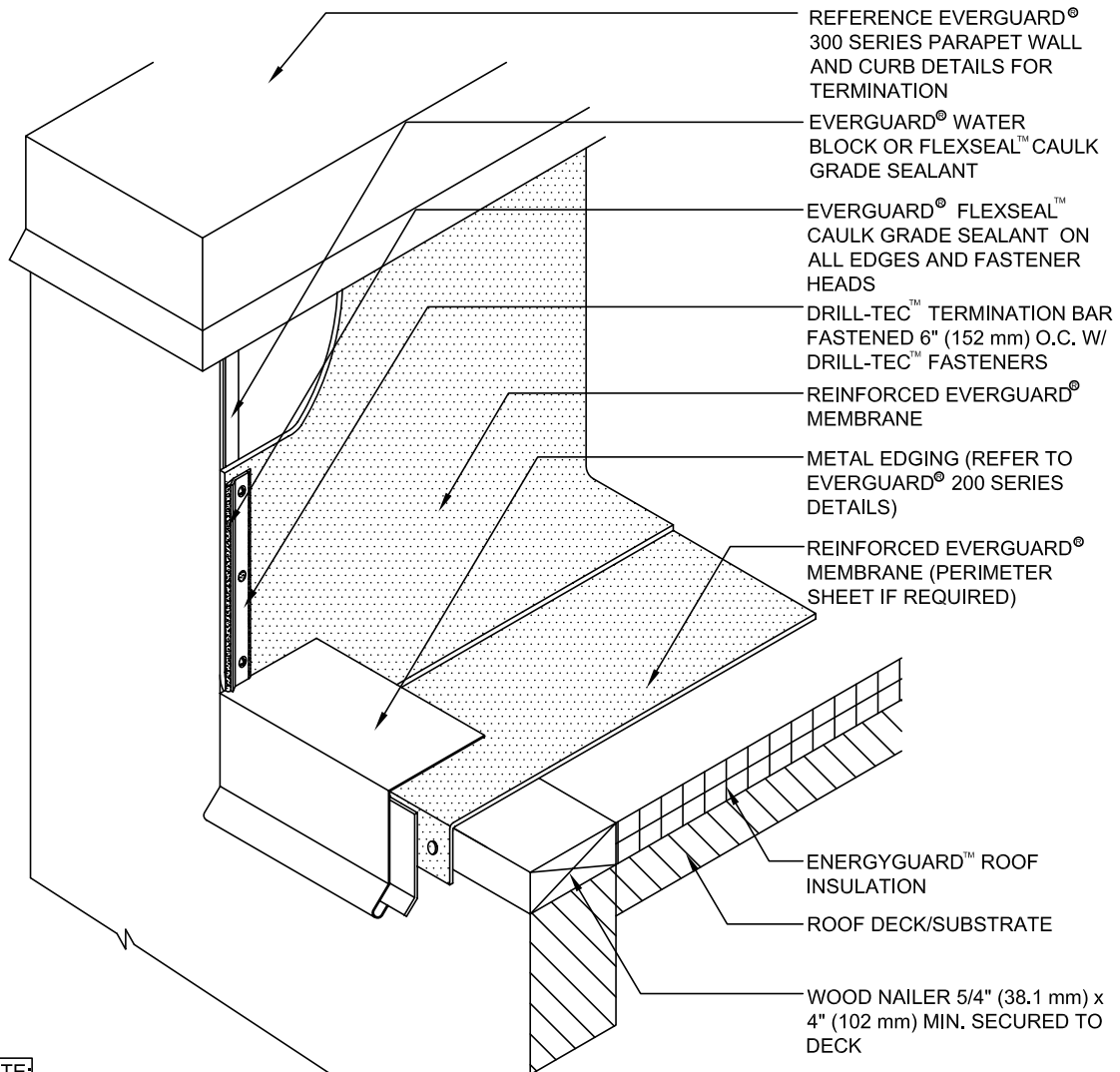
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICALLY FASTENED SYSTEMS ONLY.
2. REFERENCE EVERGUARD® DETAIL 609.
3. WALKWAY PAD OR PAVER WITH SLIP SHEET REQUIRED AT ALL ROOF ACCESS POINTS. FOR BALLASTED ATTACHED SYSTEMS PAVER IN LIEU OF PAD AND BALLAST PER SPEC.
4. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
5. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
6. FOR HEIGHTS LESS THAN 8" (203 mm) CONTACT GAF FOR MORE INFORMATION.
7. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).





ALTERNATE BASE
 REFER TO EVERGUARD DETAIL 307

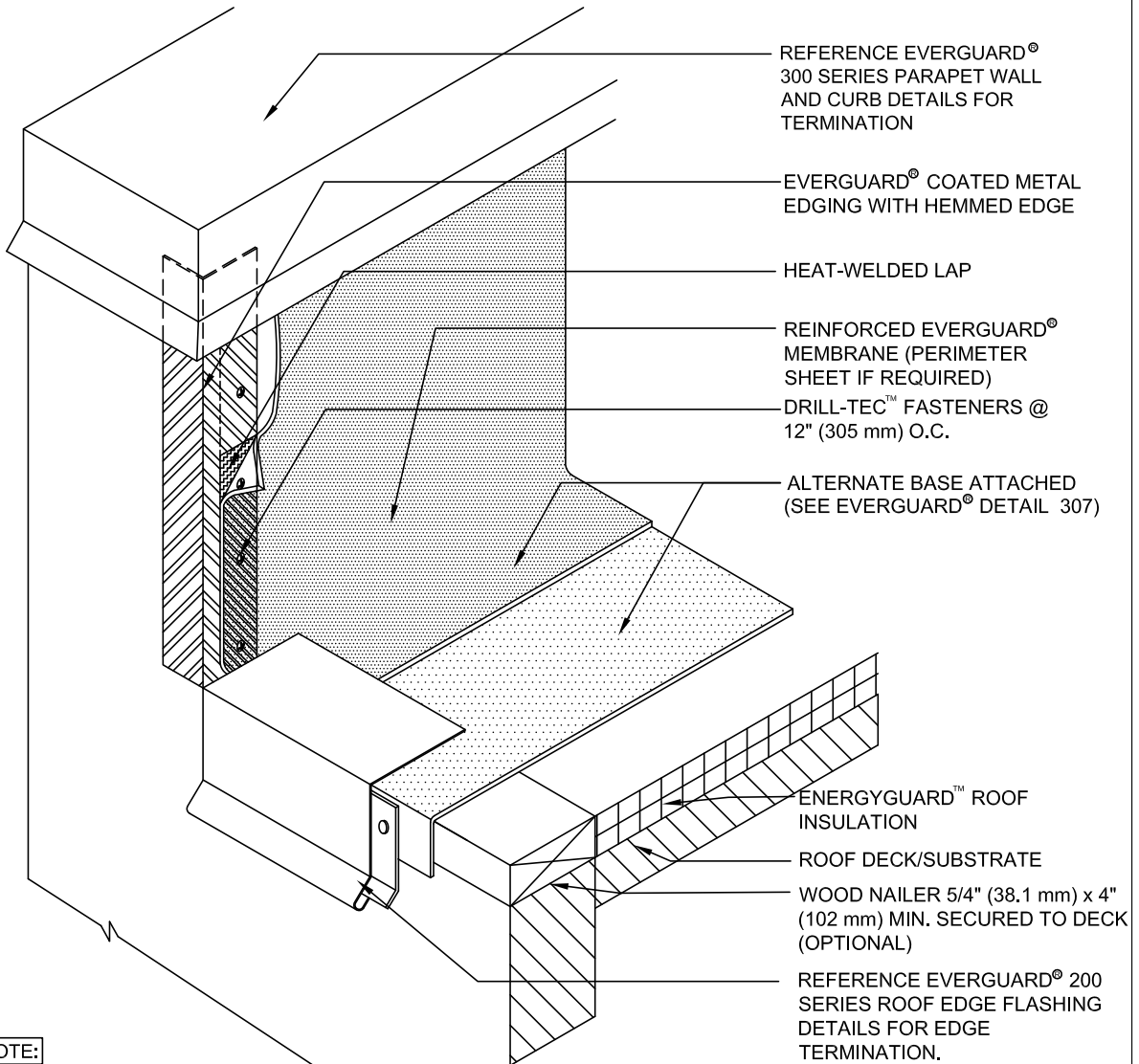
 www.gaf.com 1 Campus Drive Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING # 312	THRESHOLD FLASHING DETAIL	THIS DETAIL APPLIES TO: ALL SYSTEMS
		SCALE N.T.S.		REVISION DATE 6-20-16



NOTE:



1. FLEXSEAL™ CAULK GRADE SEALANT IS TO BE ADDED TO ALL TERMINATION BAR EDGES, OPEN HOLES, AND DRILL-TEC™ FASTENER HEADS.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO DETAIL EVERGUARD® 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	WALL EDGE FLASHING WITH TERMINATION BAR DETAIL	THIS DETAIL APPLIES TO:
		313		Adhered Systems Ballasted Systems Mechanically Attached Systems Self - Adhered Systems
		SCALE		REVISION DATE
		N.T.S.		12-12-17

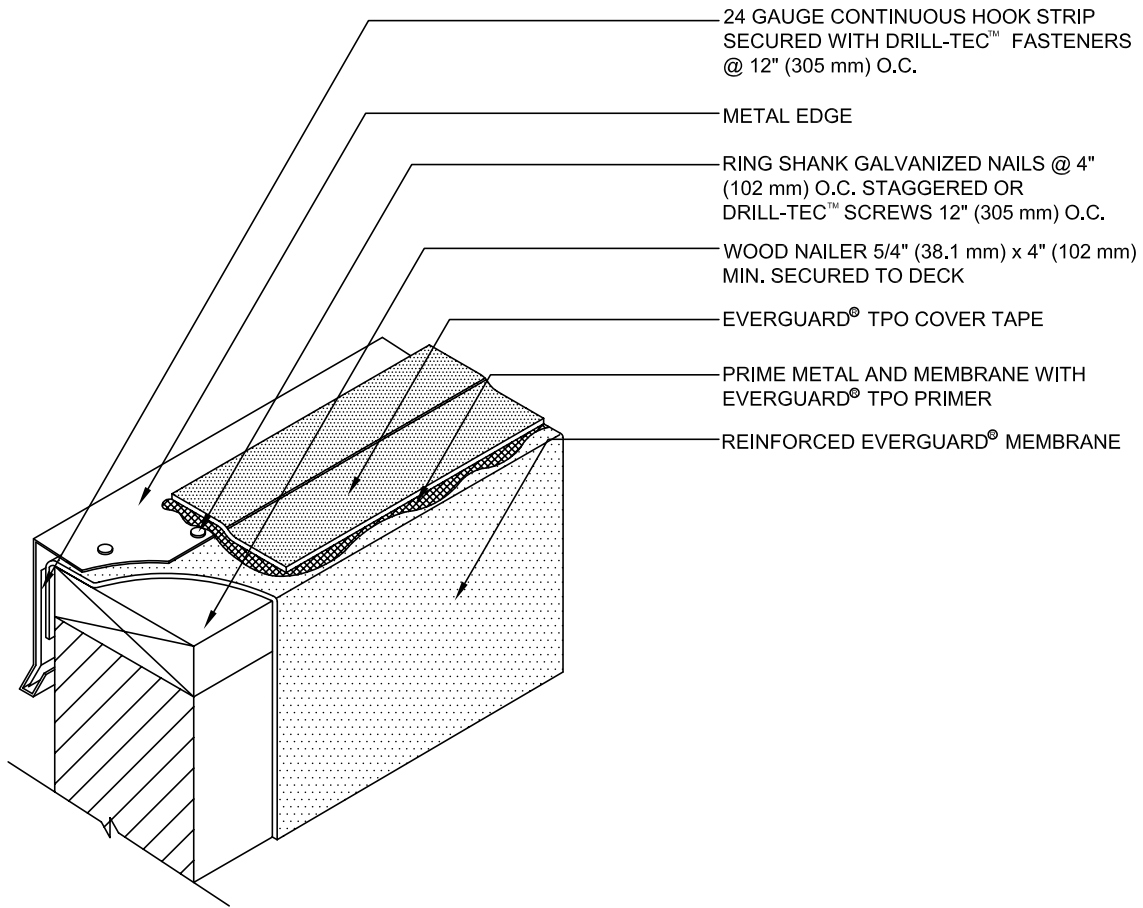


NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
4. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	314 VERTICAL WALL EDGE TERMINATION WITH COATED METAL DETAIL	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 12-12-17

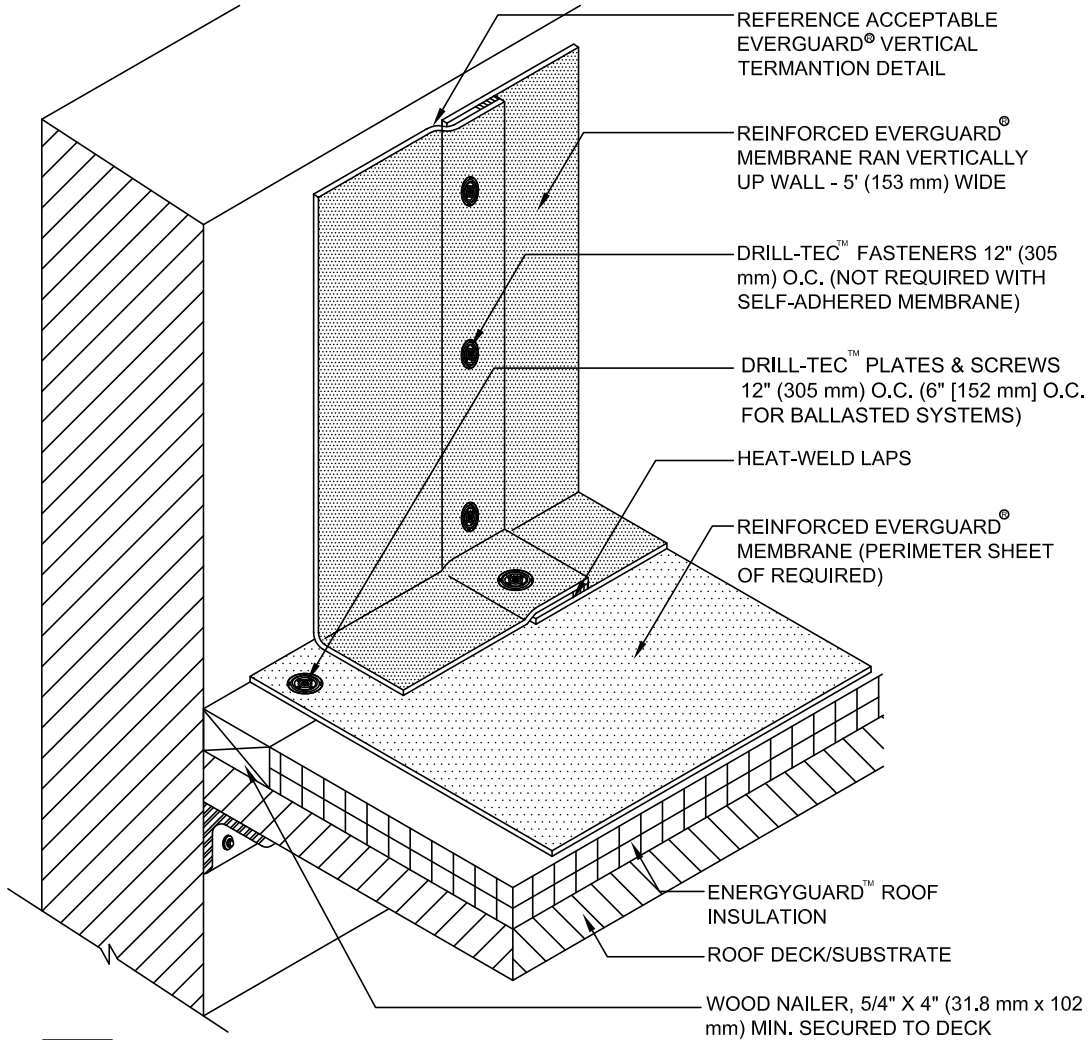
**20-YEAR MAX
 GUARANTEE**



NOTE:

1. METAL JOINTS ON THE ROOF SIDE CAN BE CAULKED USING EVERGUARD® CUT EDGE SEALANT. DO NOT RUN TAPE UP CANTED METAL OF GRAVEL STOP.
2. EVERGUARD® TPO COVER TAPE TO BE USED ONLY ON EVERGUARD® TPO MEMBRANE SYSTEMS.
3. EVERGUARD® TPO COVER TAPE TO BE USED ONLY ON HORIZONTAL SURFACES, NOT TURNED VERTICALLY.
4. EVERGUARD® TPO COVER TAPE HEAT-WELD USED FOR LONGER GUARANTEES.
5. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	PARAPET WALL WITH METAL EDGE AND TPO COVER TAPE DETAIL	THIS DETAIL APPLIES TO:
		316		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. DETAIL TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATION CONTAINING REQUIREMENTS FOR NAILERS, INSULATION ETC.
2. VERTICAL FLASHINGS TO BE FULLY ADHERED (MANDATORY).
3. SELF ADHERED MEMBRANE MAY BE BONDED DIRECTLY TO AN ACCEPTABLE VERTICAL SUBSTRATE PRIMED WITH EVERGUARD® TPO PRIMER.
4. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, UP TO 10-YR. MAXIMUM GUARANTEE ONLY.
5. FOR SELF-ADHERED HEAT-WELDED SYSTEMS, UP TO 15-YR. MAXIMUM GUARANTEE ONLY.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



1361 Alps Rd.
 Wayne, NJ 07470
 www.gaf.com

EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 PARAPET WALL &
 CURB SERIES

DRAWING #
317

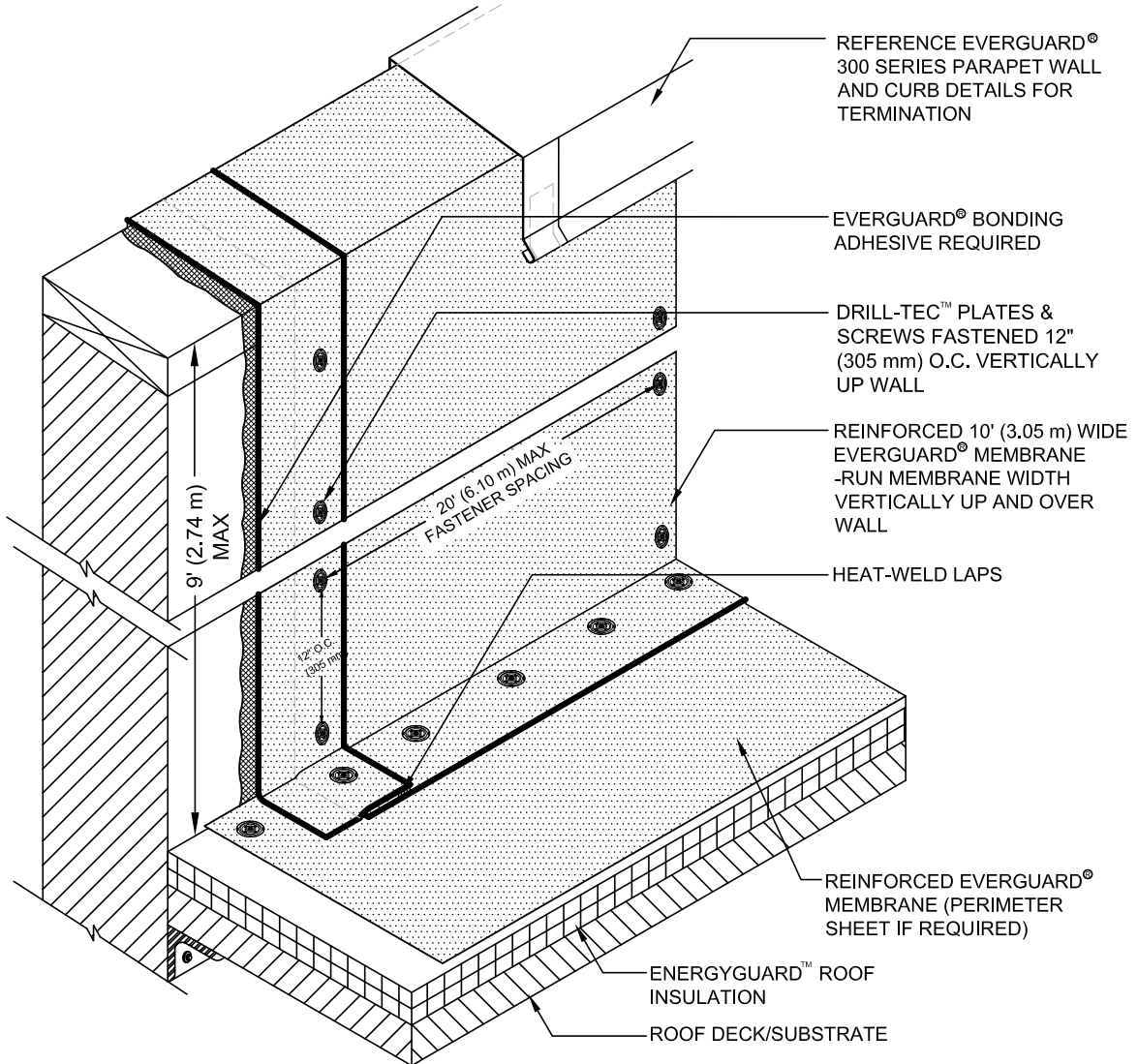
SCALE
 N.T.S.

**ALTERNATE HIGH WALL
 FLASHING DETAIL**

THIS DETAIL APPLIES TO:
 Adhered Systems
 Ballast Applied Systems
 Mechanically Attached Systems
 Self - Adhered Systems



REVISION DATE
6-26-17

**REFERENCE EVERGUARD DETAIL 317D
 FOR VERTICAL SHEET LAYOUT**



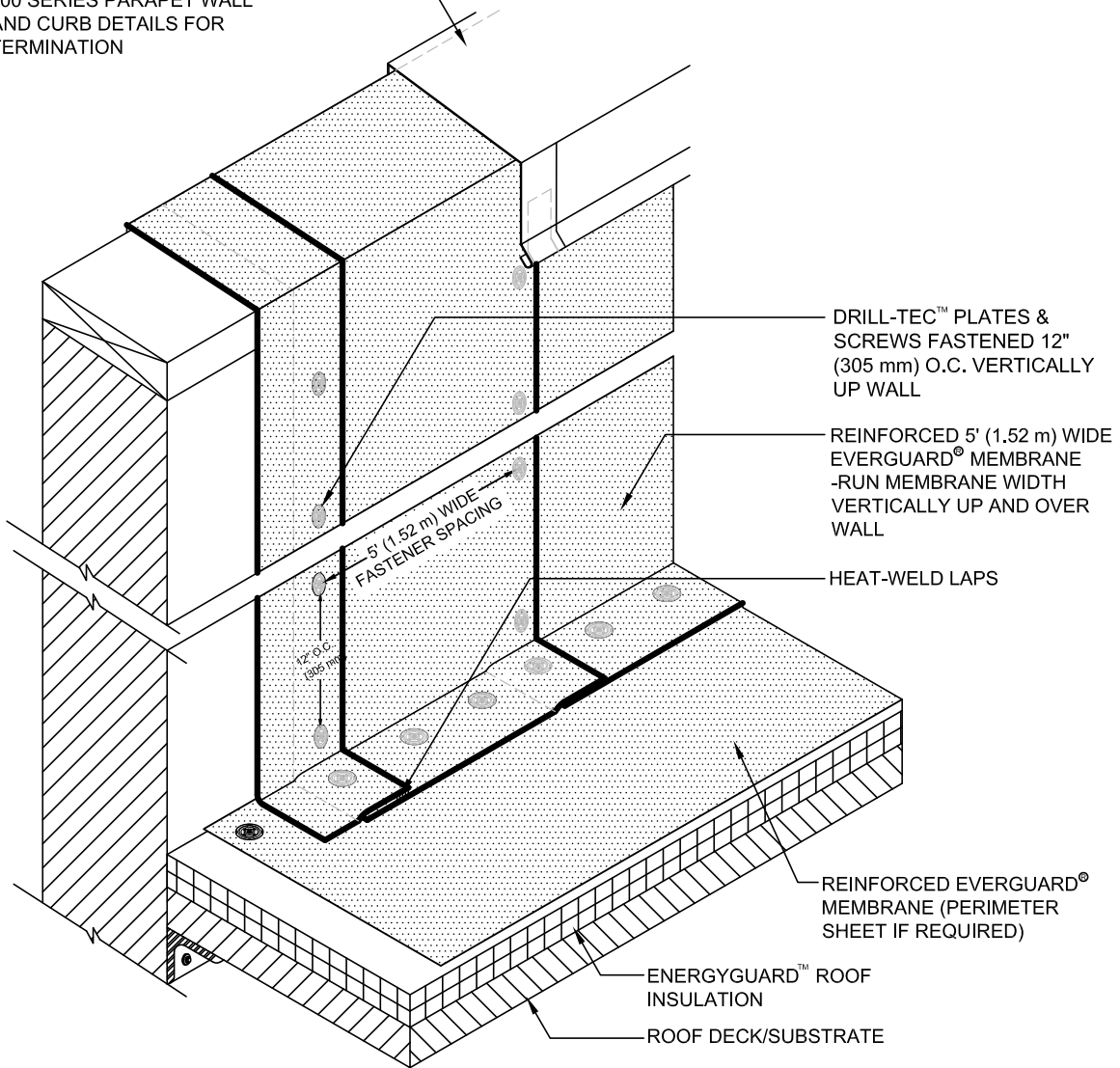
NOTE:

1. MUST BE FASTENED VERTICALLY ON THE WALL A MINIMUM 10' (3.05 m) FROM ALL ENDS OR CORNERS OF WALL, THEN MAX 20' (6.10 m) THEREAFTER. DRILL-TEC™ FASTENERS SPACED 12" (305 mm) O.C.
2. MAX PARAPET WALL HEIGHT NOT TO EXCEED THE WIDTH OF A 10' (3.05 m) SHEET. PARAPET WALL SHOULD BE NO TALLER THAN 9' (2.74 m) TO USE A FULL 10' (3.05 m) SHEET OF MEMBRANE AS FLASHING.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	HIGH WALL FLASHING DETAIL 10' (3.05 m) WIDE SHEETS	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems
		317A		
		SCALE	6-26-17	
		N.T.S.		



**REFERENCE EVERGUARD® DETAIL 317D
 FOR INTERMITTENT FASTENING**

REFERENCE EVERGUARD®
 300 SERIES PARAPET WALL
 AND CURB DETAILS FOR
 TERMINATION



NOTE:

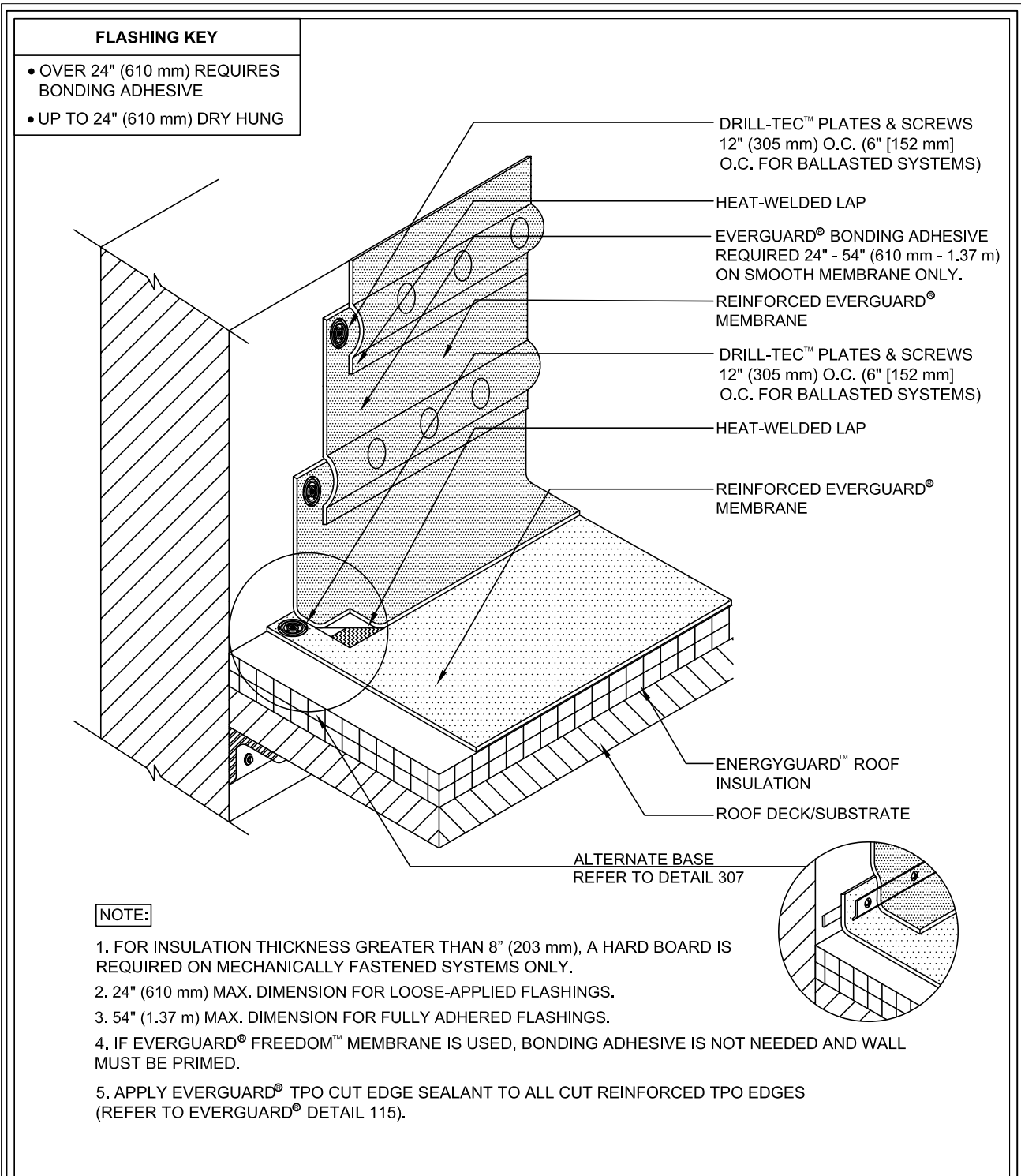
1. WALL HEIGHTS OVER 10' (3.05 M) HIGH REQUIRE THE ENTIRE WALL TO BE FULLY ADHERED. UNDER 10' (3.05 m) CAN BE DRY HUNG WITHOUT ADHESIVE.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	HIGH WALL FLASHING DETAIL 5' (1.52 m) WIDE SHEETS	THIS DETAIL APPLIES TO:
		317B		Adhered Systems Ballasted Systems Mechanically Attached Systems
		SCALE		REVISION DATE
		N.T.S.		4-5-16

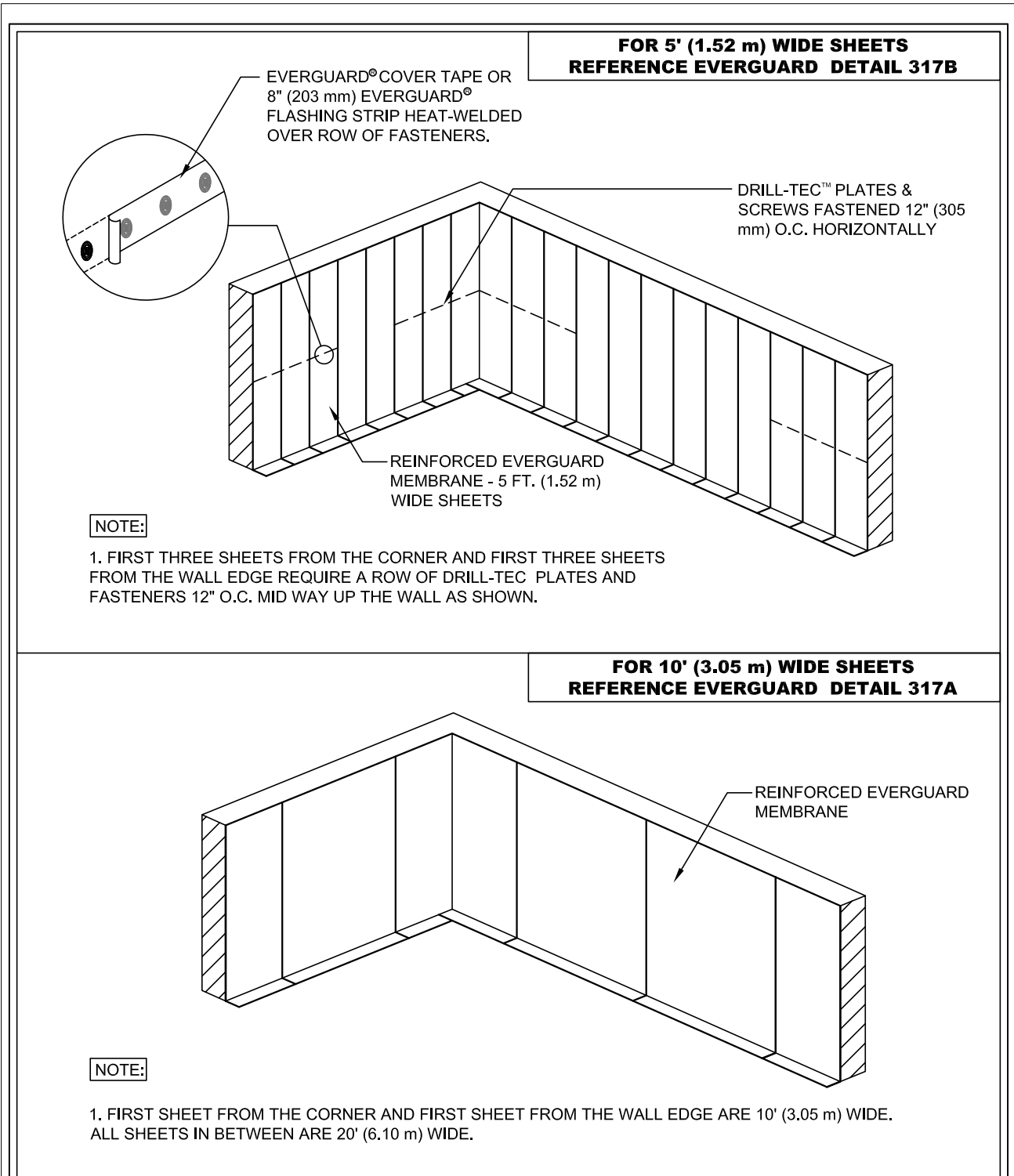
ARCHITECTURAL DETAIL DRAWINGS

EverGuard® TPO/PVC Architectural Roofing Details Manual

300 Series
Wall and Curb



	<p>PARAPET WALL & CURB SERIES</p>	<p>DRAWING #</p> <h2 style="margin: 0;">317C</h2>	<h2 style="margin: 0;">HIGH WALL FLASHING DETAIL - WITH PLATES AND FASTENERS</h2>	<p>THIS DETAIL APPLIES TO:</p> <ul style="list-style-type: none"> Adhered Systems Ballasted Systems Mechanically Attached Systems Self - Adhered Systems
<p>www.gaf.com 1 Campus Drive, Parsippany, NJ 07054</p>		<p>SCALE</p> <p>N.T.S.</p>		<p>REVISION DATE</p> <p>8-31-16</p>

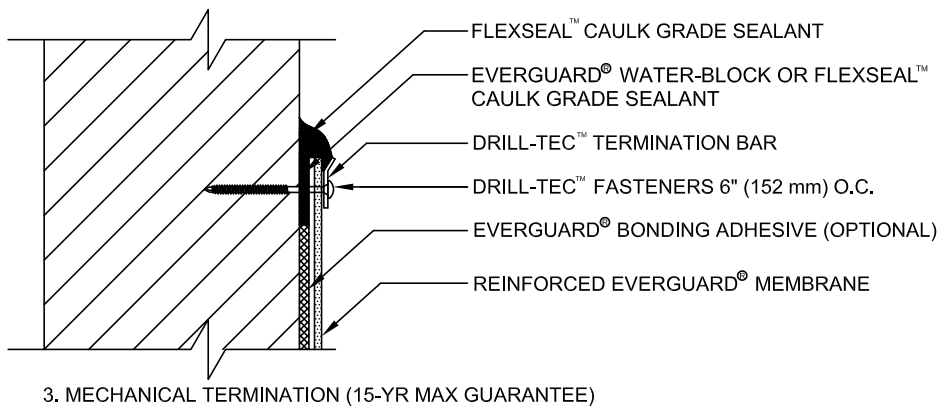
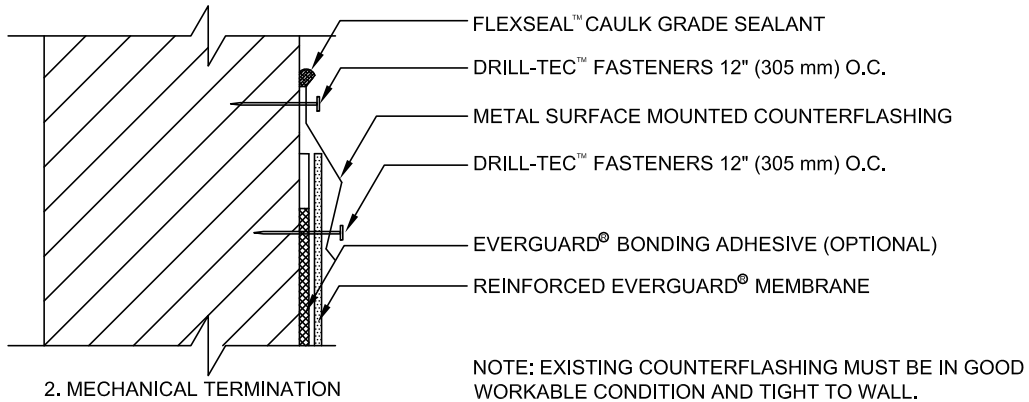
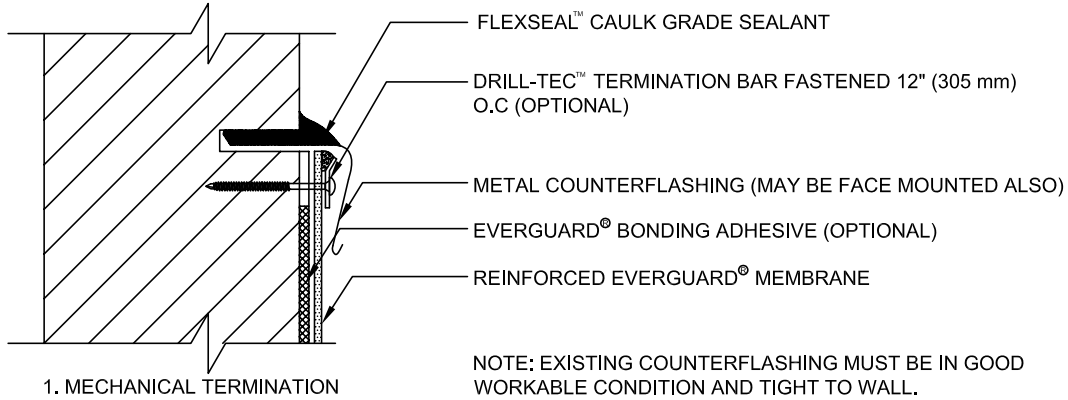




 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING # 317D	HIGH WALL FLASHING DETAIL INTERMITTENT FASTENING & VERTICAL SHEET LAYOUT	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems
		SCALE N.T.S.		REVISION DATE 12-12-17

ARCHITECTURAL DETAIL DRAWINGS

EverGuard® TPO/PVC Architectural Roofing Details Manual

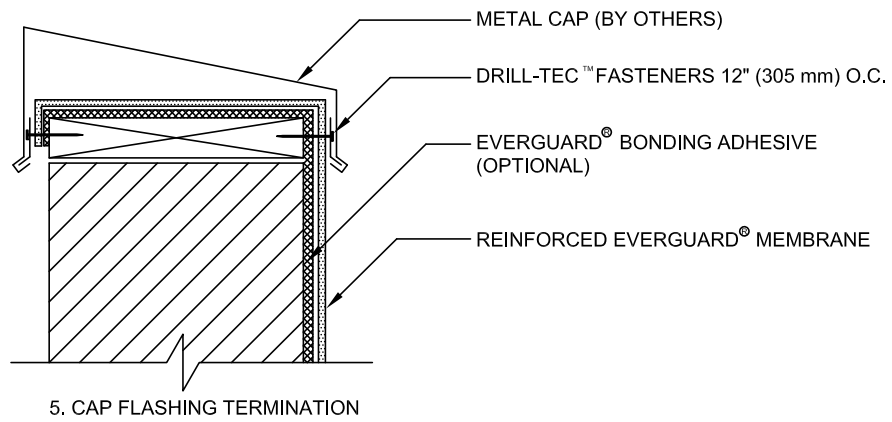
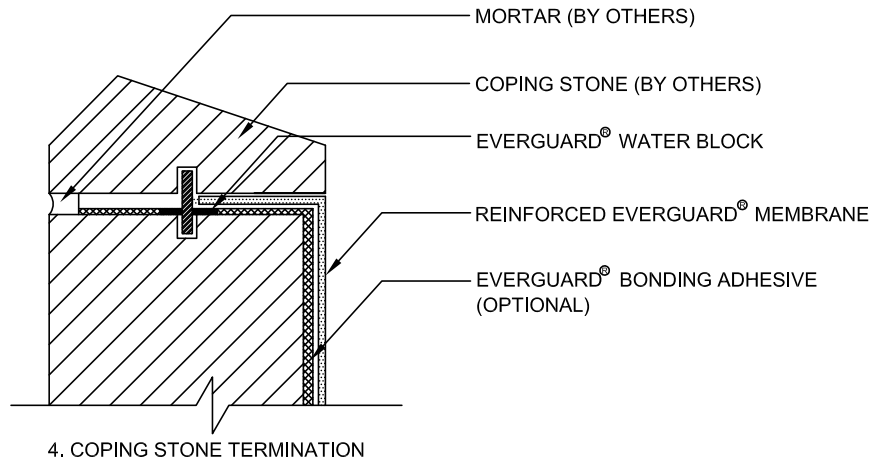
300 Series
Wall and Curb





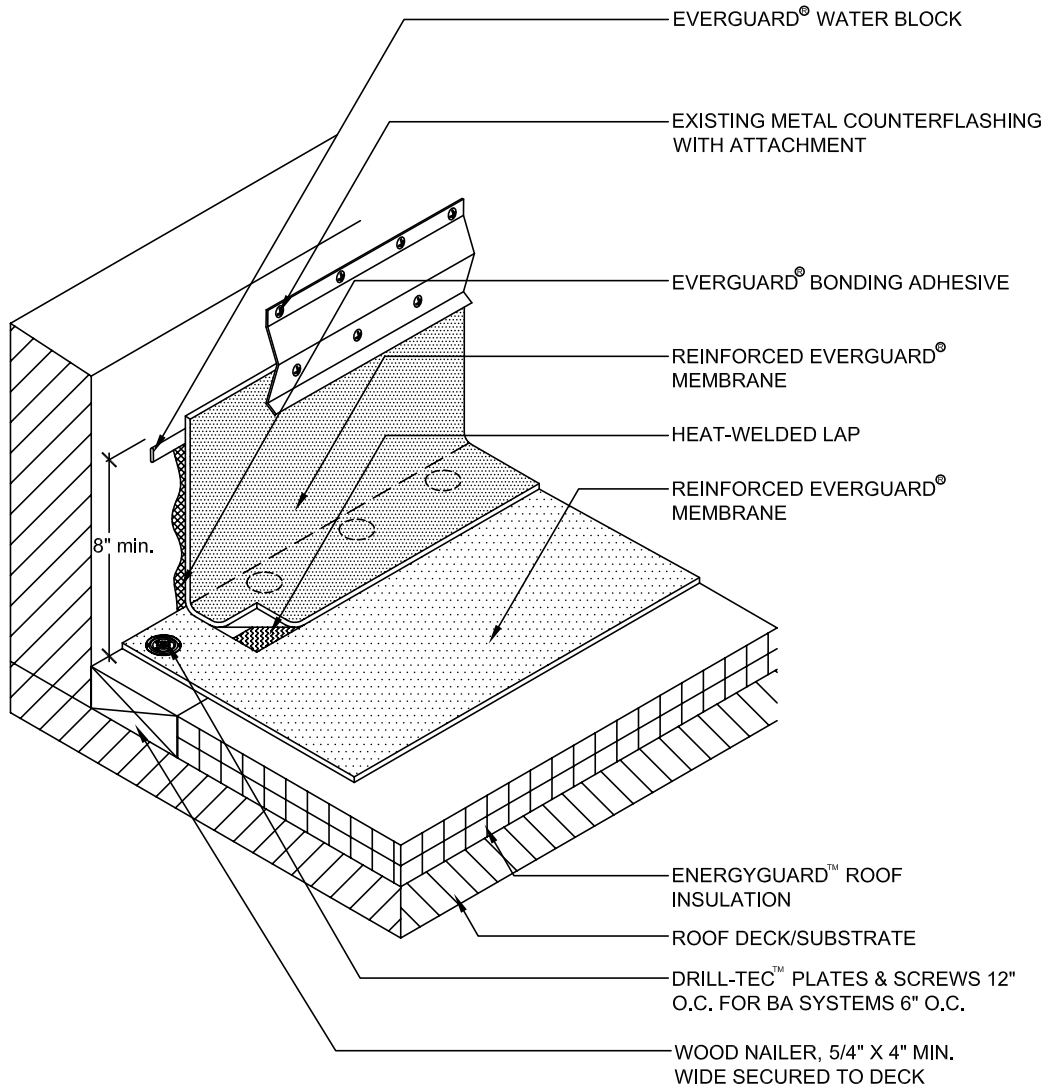
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	318A	TERMINATION DETAIL 1-3	THIS DETAIL APPLIES TO:
		SCALE			ALL SYSTEMS
		N.T.S.			REVISION DATE 6-20-16

**20 YEAR MAX
 GUARANTEE**

300 Series
 Wall and Curb



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	TERMINATION DETAILS 4 & 5	THIS DETAIL APPLIES TO:
		318B		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. ADD BALLAST PER SPEC FOR BALLASTED SYSTEMS.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD DETAIL 115).



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 PARAPET WALL &
 CURB SERIES

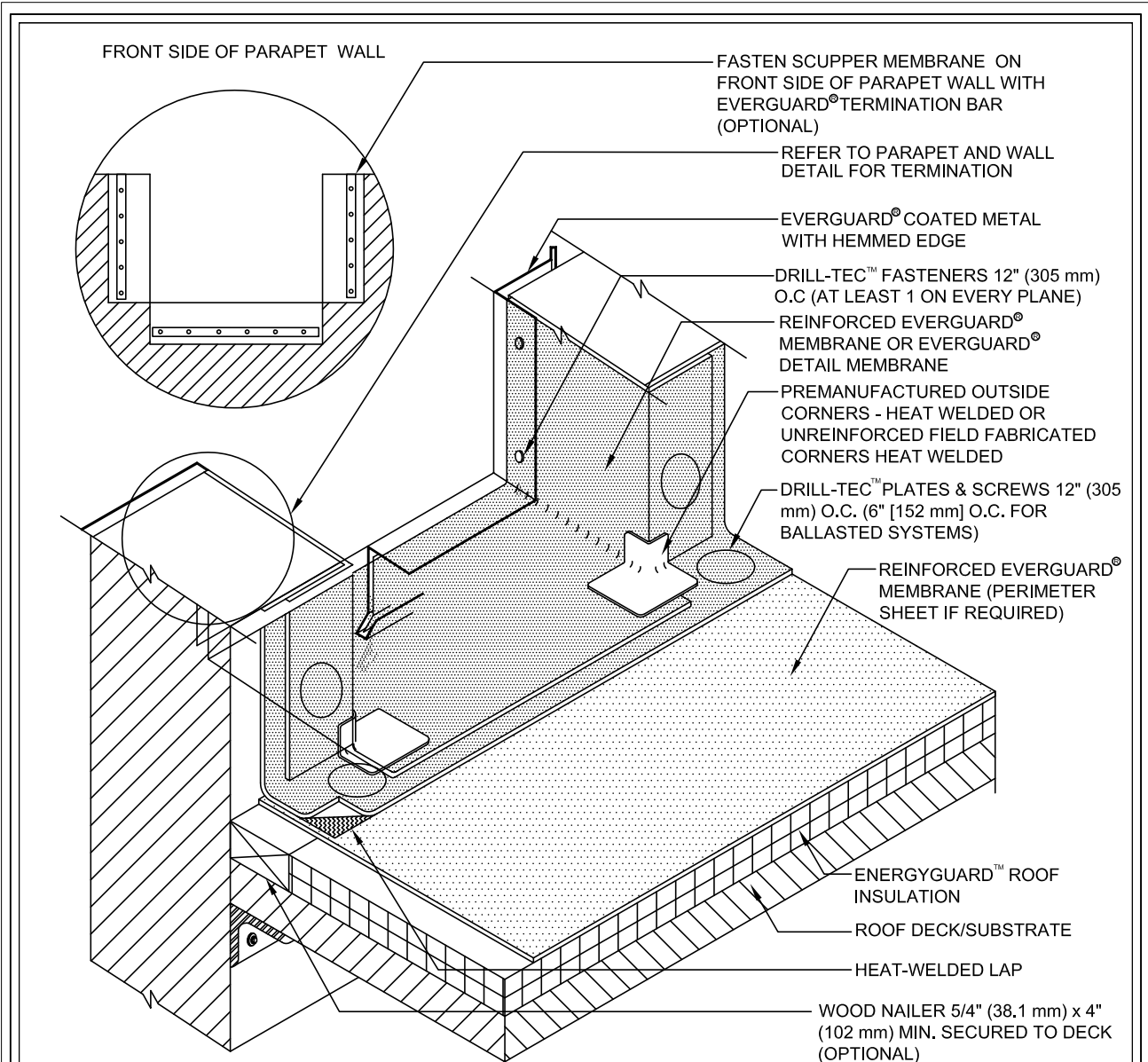
DRAWING #
319

COUNTERFLASHING RE-ROOF DETAIL

SCALE
 N.T.S.



THIS DETAIL APPLIES TO:
 Adhered Systems
 Ballast Applied Systems
 Mechanically Attached Systems

REVISION DATE
 6-26-17



NOTE:

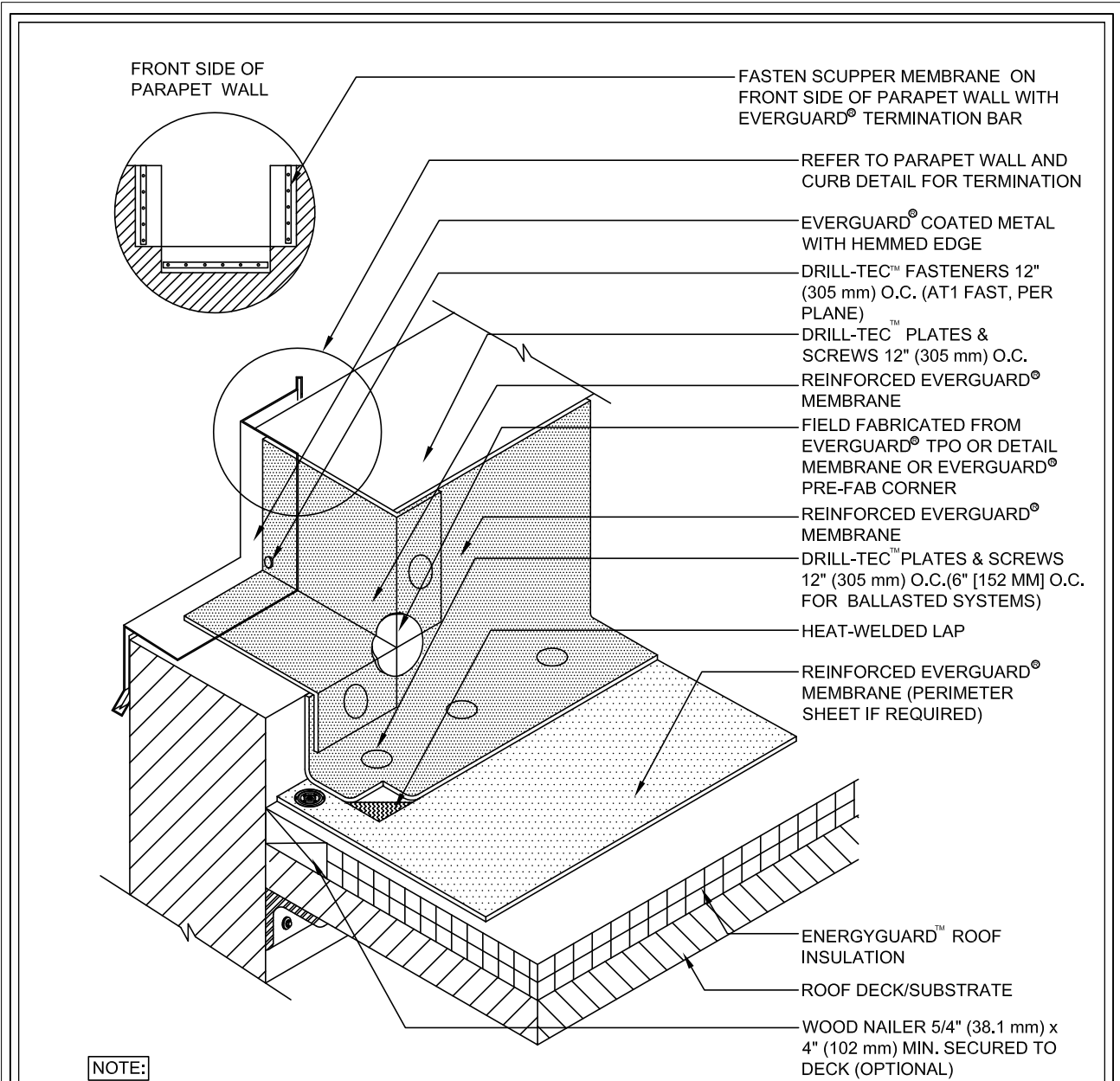
1. DETAIL TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATION CONTAINING REQUIREMENTS FOR NAILERS, INSULATION ETC.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	<h3>SCUPPER - FIELD FABRICATED OPEN TOP DETAIL</h3>	THIS DETAIL APPLIES TO:
		322		Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems (Heat-Weld Only)
		SCALE		REVISION DATE
		N.T.S.		5-24-16

ARCHITECTURAL DETAIL DRAWINGS



EverGuard® TPO/PVC Architectural Roofing Details Manual

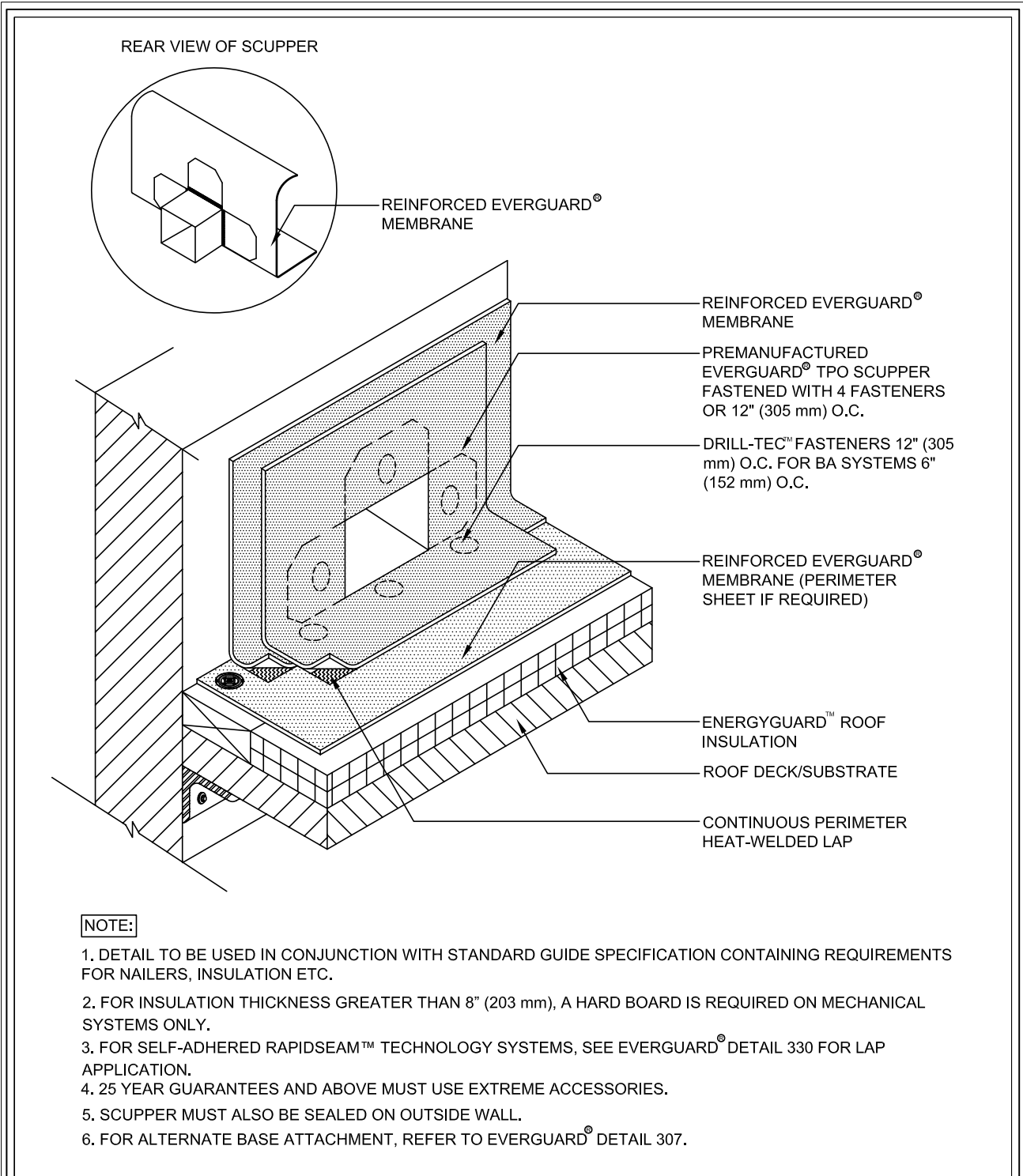
300 Series
Wall and Curb





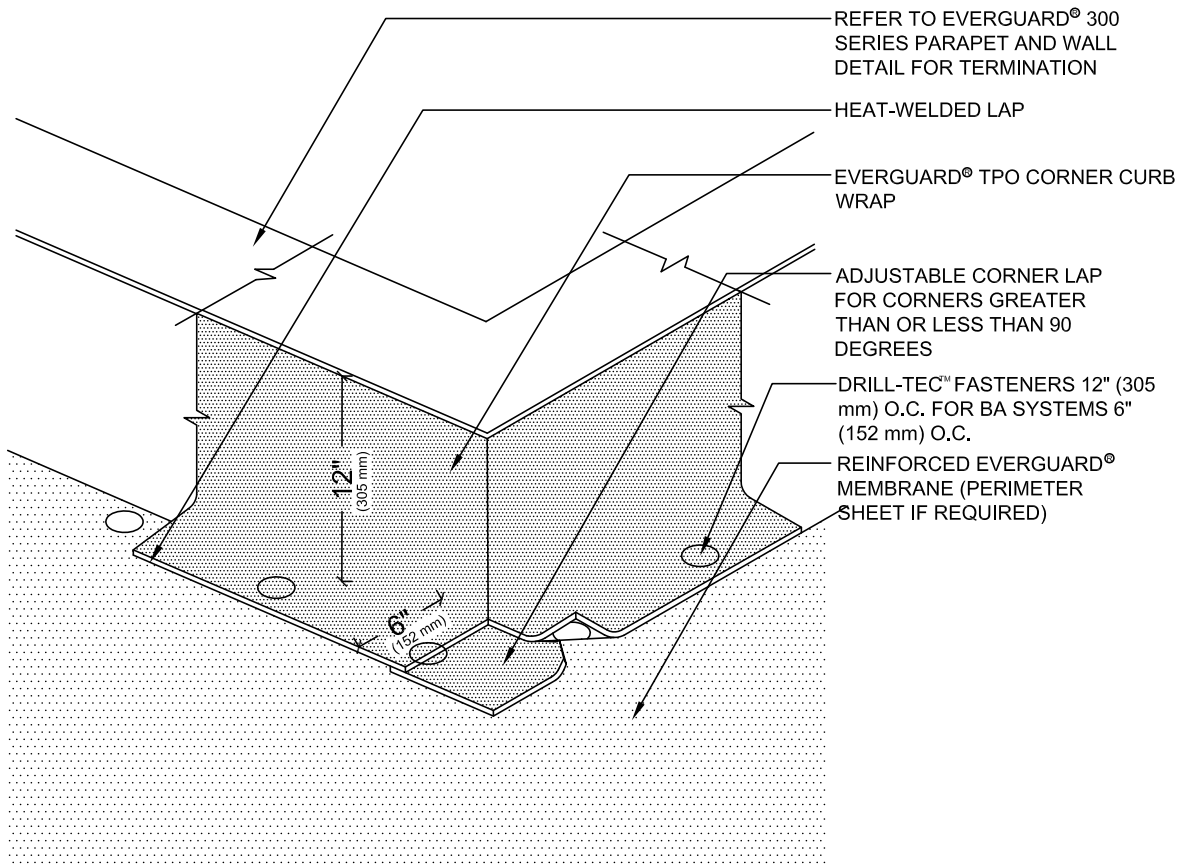
NOTE:

1. DETAIL TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATION CONTAINING REQUIREMENTS FOR NAILERS, INSULATION ETC.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	SCUPPER - FIELD FABRICATED OPEN TOP - OVERFLOW	THIS DETAIL APPLIES TO:
		323		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17





 <p>www.gaf.com 1 Campus Drive, Parsippany, NJ 07054</p>	 <p>PARAPET WALL & CURB SERIES</p>	DRAWING #	<p>324</p> <p>SCUPPER - PREMANUFACTURED</p>	<p>THIS DETAIL APPLIES TO:</p> <p>Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems (Heat-Weld Only)</p>
		SCALE		
		N.T.S.		12-12-17

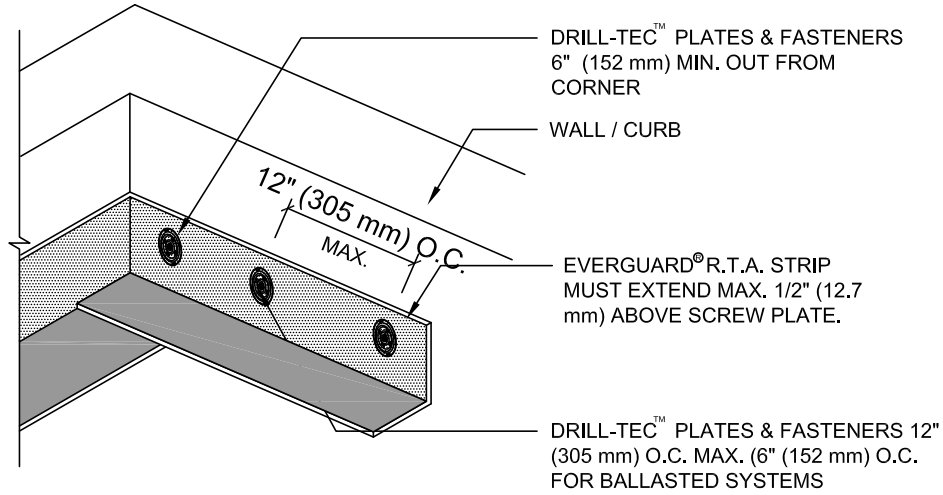


NOTE:

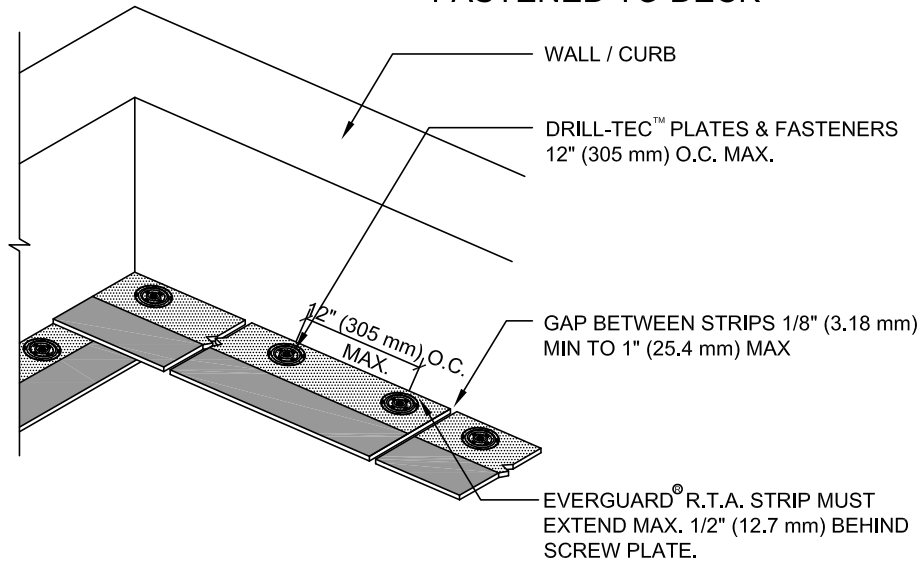
1. FOUR CORNER CURB WRAP PIECES ARE NEEDED TO COMPLETE. VARYING SIZES MAY BE NEEDED TO COMPLETE.
2. CORNER WRAP MAY BE ADHERED OR INSTALLED DRY.
3. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	325 CORNER CURB WRAP DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems (Heat-weld only)
		N.T.S.		REVISION DATE
				6-20-16

FASTENED TO WALL / CURB





FASTENED TO DECK

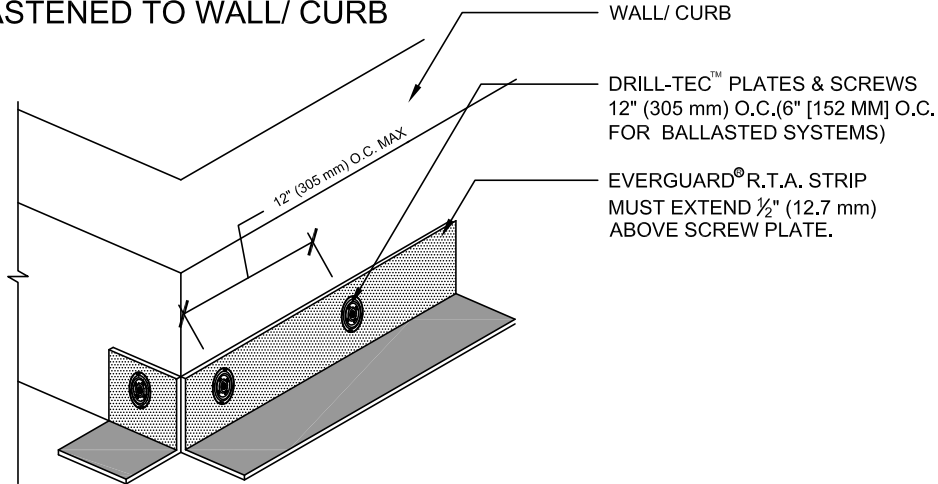


NOTE:

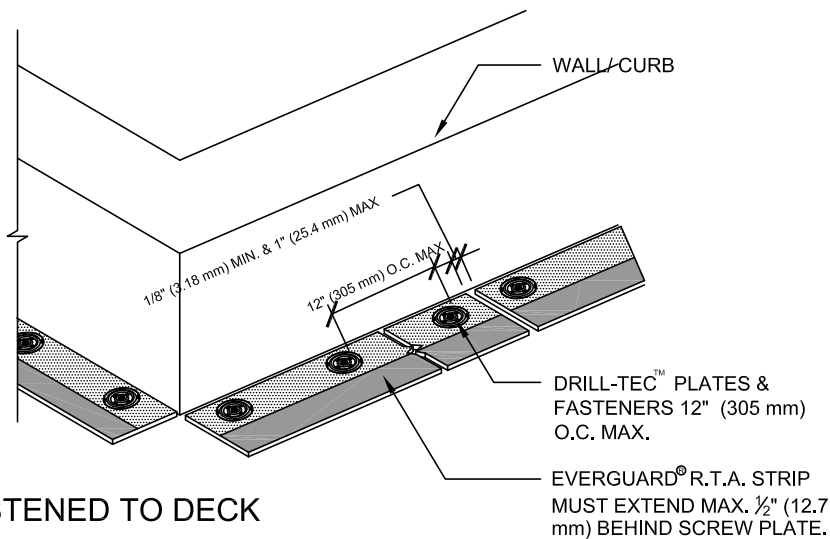
1. THIS DETAIL IS NOT TO BE USED FOR EVERGUARD® PVC MEMBRANES OR MECHANICALLY ATTACHED SYSTEMS.
2. R.T.A. STRIP MAY BE FIELD FABRICATED OUT OF EVERGUARD® FREEDOM™ MEMBRANE.
3. COMMON FASTENER ANCHORING THE OVERLAP OF THE TWO STRIPS IN THE CORNER.
4. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	R.T.A. STRIP - INSIDE CORNER REINFORCEMENT DETAIL	THIS DETAIL APPLIES TO: Ballasted Systems (Smooth Membrane Only) Adhered Systems (Smooth Membrane Only) Self-Adhered Systems
		326A		
		SCALE		8-30-16
		N.T.S.		

FASTENED TO WALL/ CURB



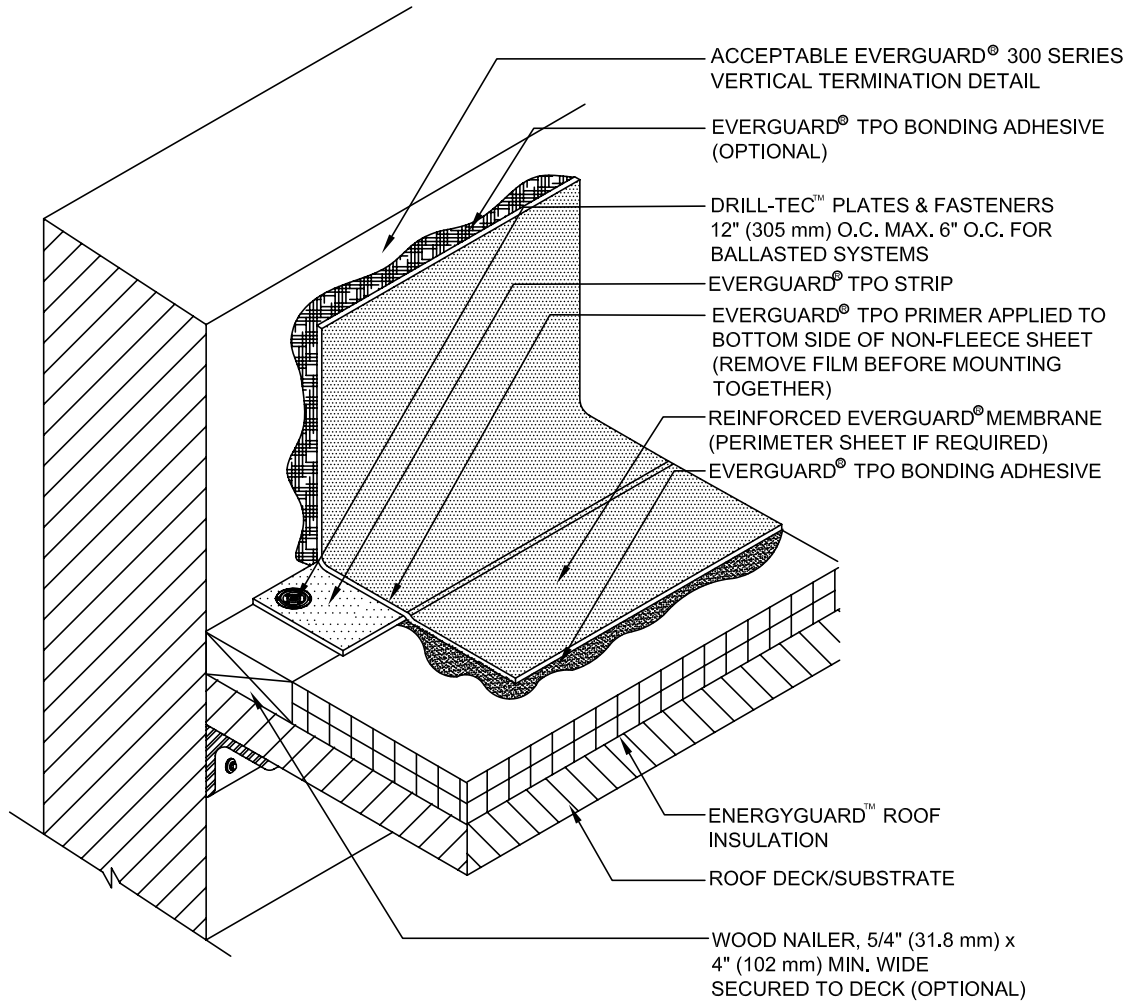
FASTENED TO DECK



NOTE:

1. THIS DETAIL IS NOT TO BE USED FOR EVERGUARD® PVC MEMBRANES OR MECHANICALLY ATTACHED SYSTEMS.
2. R.T.A STRIP MAY BE FIELD FABRICATED OUT OF EVERGUARD® FREEDOM™ MEMBRANE.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

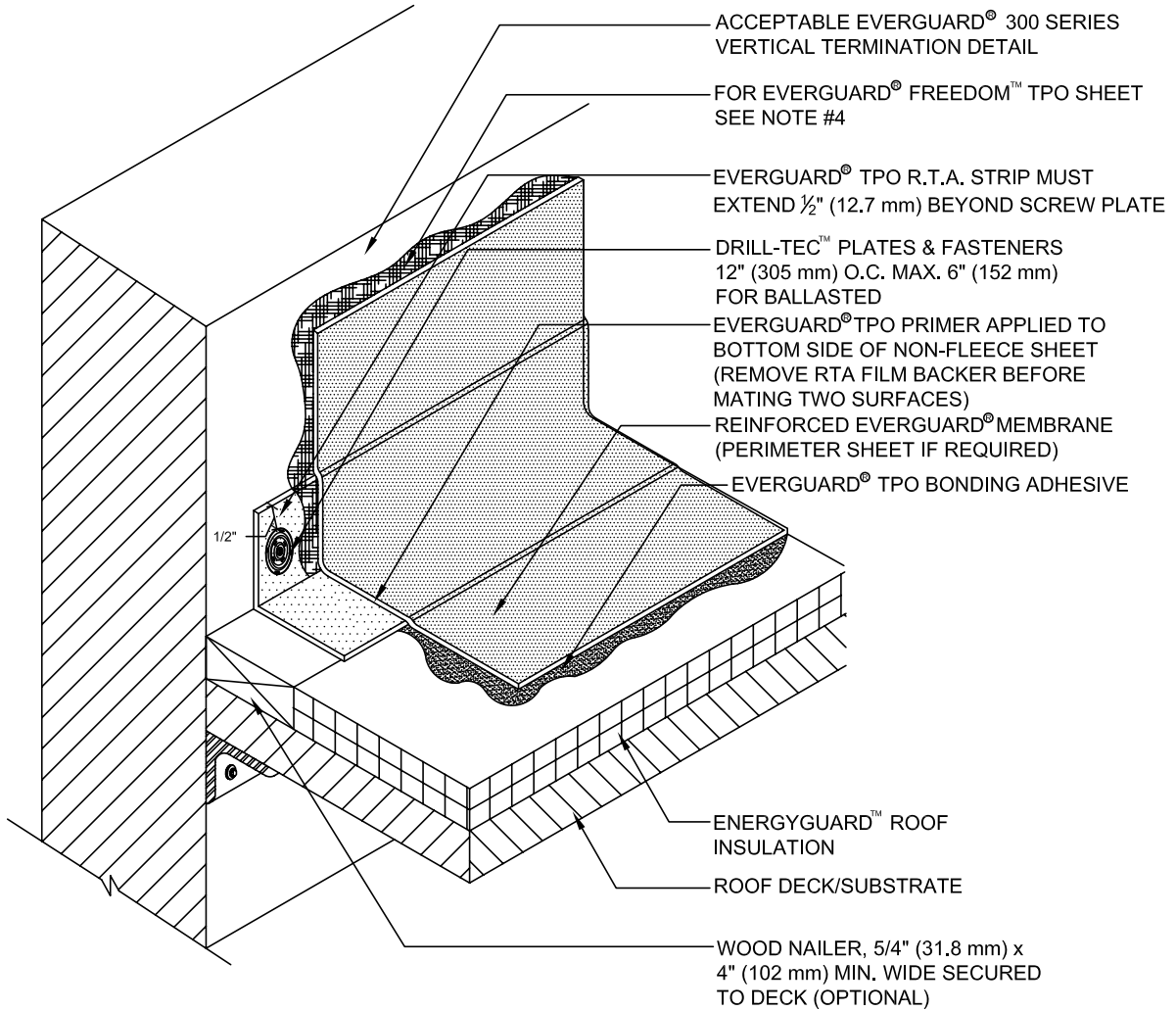
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	R.T.A. STRIP - OUTSIDE CORNER REINFORCEMENT DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Self - Adhered Systems Ballasted Systems (Non-Fleece)
		326B		SCALE N.T.S.



NOTE:


1. R.T.A STRIP MAY BE FIELD-FABRICATED OUT OF EVERGUARD® FREEDOM™ TPO MEMBRANE. REMOVE FILM BEFORE INSTALLING BASE SHEET.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

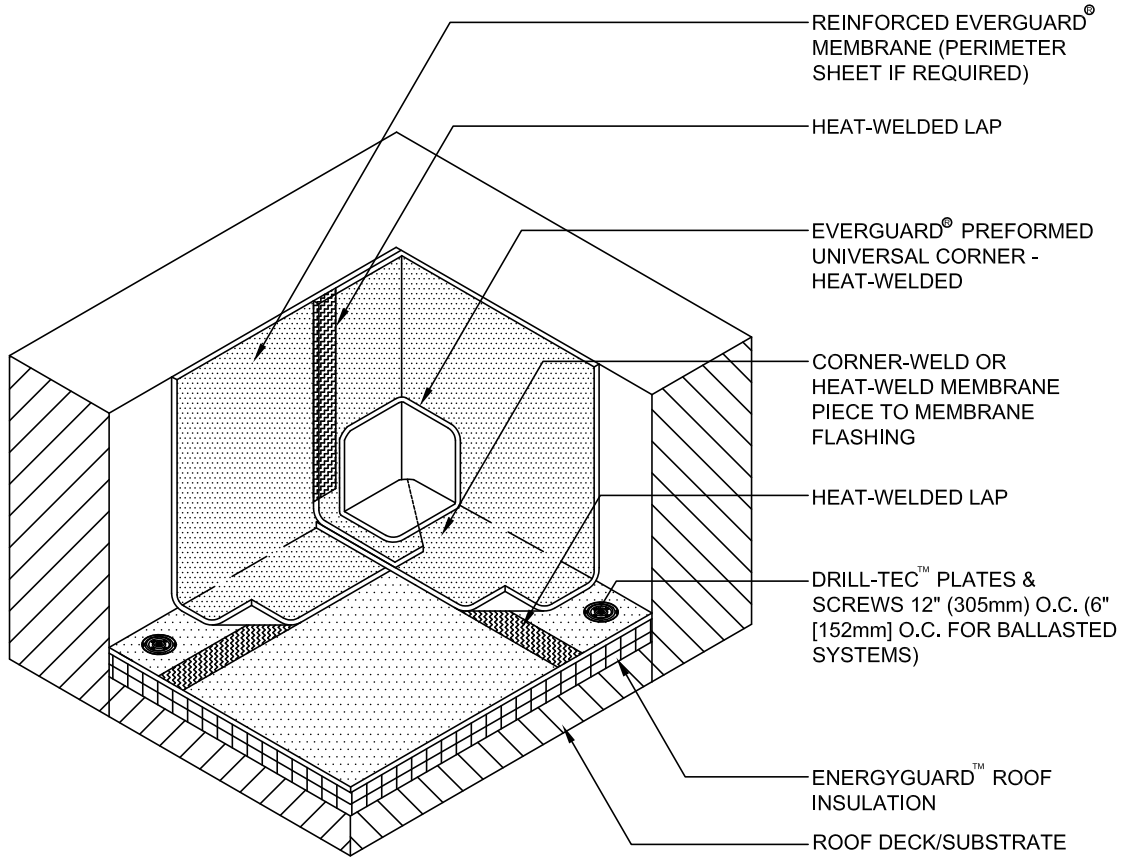
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	326C R.T.A. STRIP - BASE TIE-IN DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Self - Adhered Systems Ballasted Systems
		SCALE		
		N.T.S.		6-20-16



NOTE:



1. R.T.A STRIP MAY BE FIELD FABRICATED OUT OF EVERGUARD® FREEDOM™ MEMBRANE. REMOVE FILM BEFORE INSTALLING BASE SHEET.
2. THIS DETAIL IS NOT TO BE USED FOR EVERGUARD® PVC MEMBRANES OR MECHANICALLY ATTACHED SYSTEMS.
3. IF EVERGUARD® FREEDOM™ TPO IS USED, BONDING ADHESIVE NOT NEEDED AND WALL MUST BE PRIMED WITH TPO PRIMER.
4. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

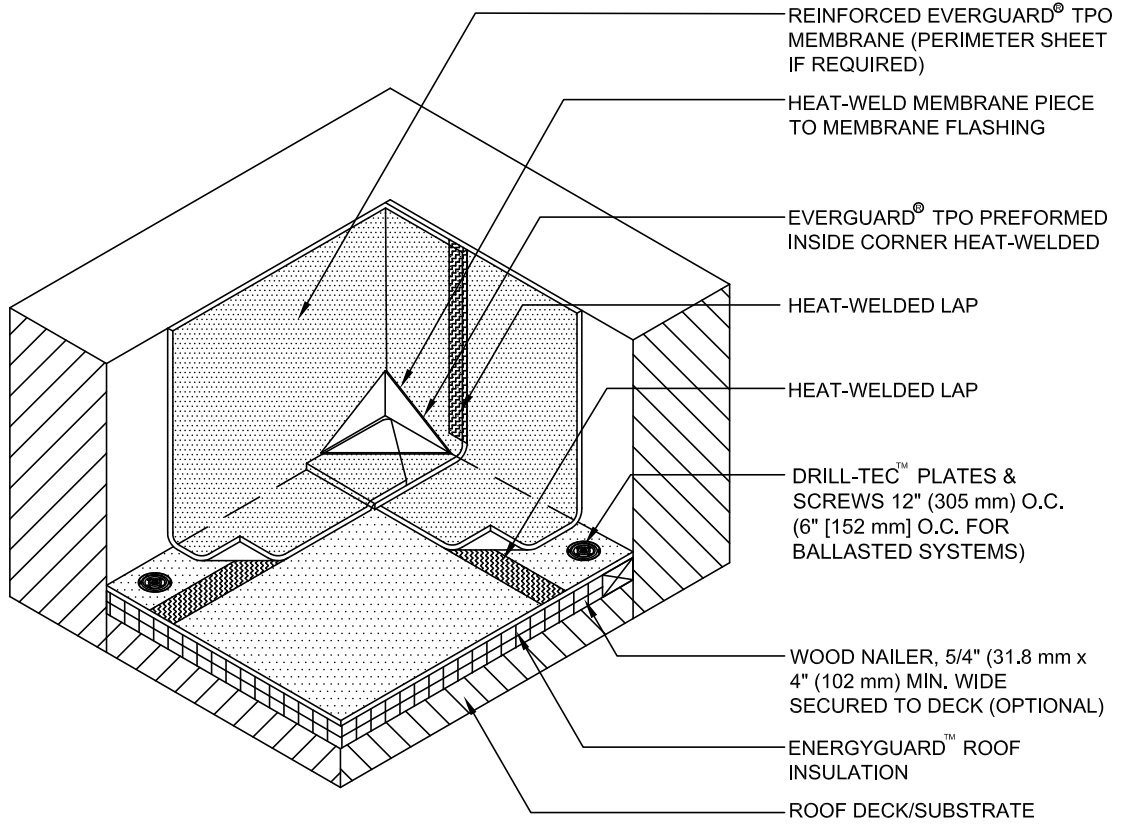
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	R.T.A. STRIP - ALTERNATE BASE TIE-IN DETAIL	THIS DETAIL APPLIES TO:
		326D		Adhered Systems Self - Adhered Systems Ballasted Systems
		SCALE	TPO ONLY	REVISION DATE
		N.T.S.		12-12-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES
4. FLASHINGS MAY BE ADHERED OR INSTALLED DRY. SEE MANUAL FOR DIMENSIONS.
5. INSIDE CORNERS MAY ALSO BE FIELD-FABRICATED USING UNREINFORCED MEMBRANE.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

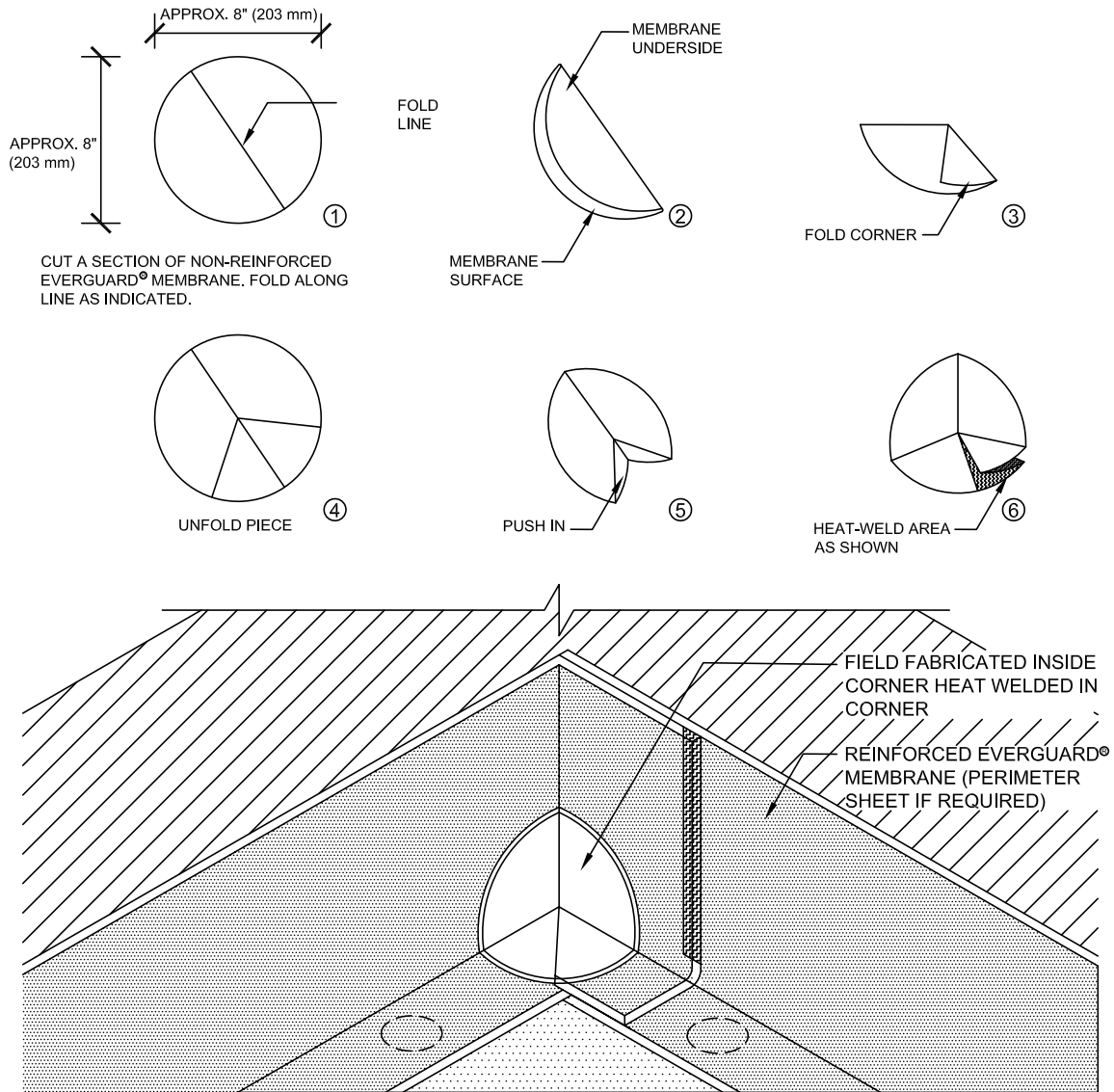
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	INSIDE CORNER REINFORCMENT- PREFORMED CORNER DETAIL	THIS DETAIL APPLIES TO:
		327A		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FLASHINGS MAY BE ADHERED OR INSTALLED DRY. SEE SPEC FOR DIMENSIONS.
3. KEEP FASTENERS BACK FROM CORNER 6" (152 mm) MAX. IN BOTH HORIZONTAL AND VERTICAL APPLICATIONS.
4. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES
5. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

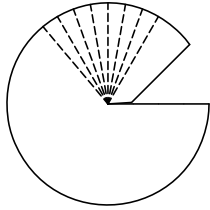
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	INSIDE CORNER REINFORCEMENT - PREFORMED CORNER DETAIL	THIS DETAIL APPLIES TO:
		327B		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		10-3-17



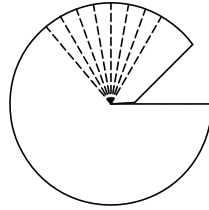
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 MM), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

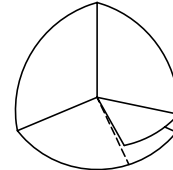
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	INSIDE CORNER REINFORCEMENT - FIELD FABRICATION DETAIL	THIS DETAIL APPLIES TO:
		327D		ALL SYSTEMS
		SCALE	REVISION DATE	
		N.T.S.	6-26-17	



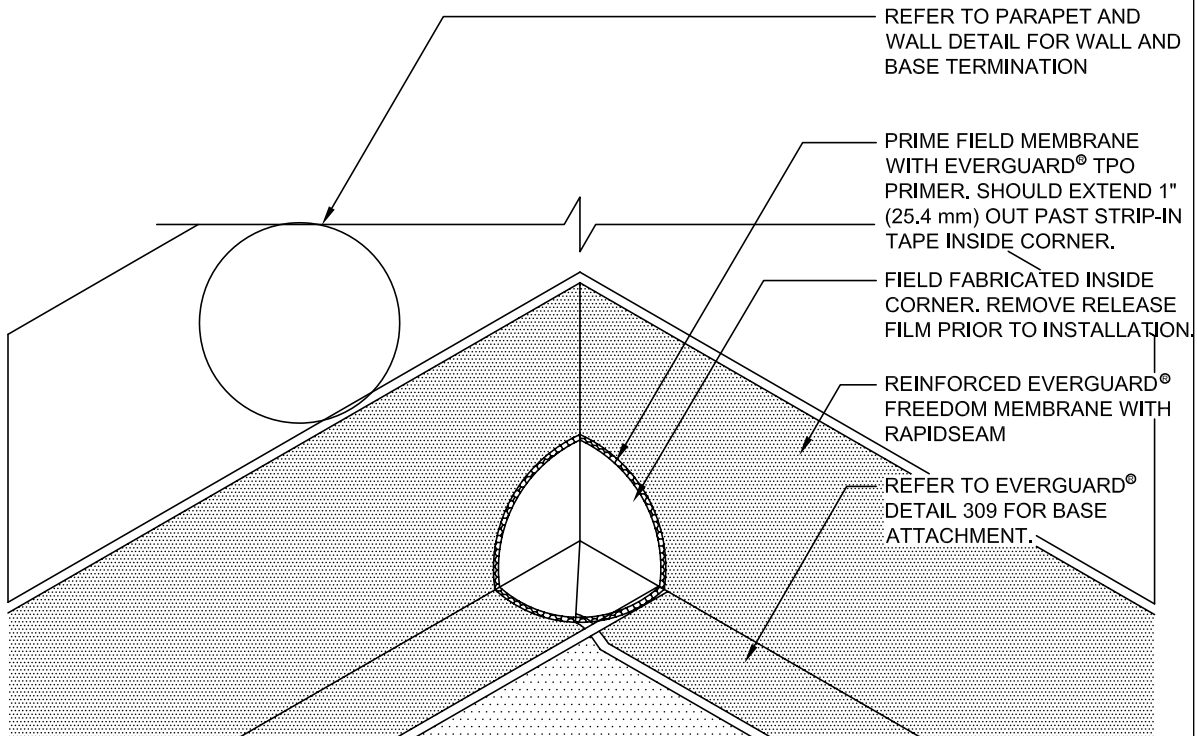
USING THE BACK OF THE EVERGUARD® STRIP-IN TAPE LABEL AS A TEMPLATE, CUT OUT AN INSIDE CORNER.



DETERMINE THE CORNER ANGLE USING ANGLE REFERENCES ON LABEL TEMPLATE.



FOLD AND CREATE INSIDE CORNER AS SHOWN. REMOVE ENOUGH RELEASE FILM TO HOLD SHAPE.



NOTE:

1. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 PARAPET WALL
 & CURB SERIES

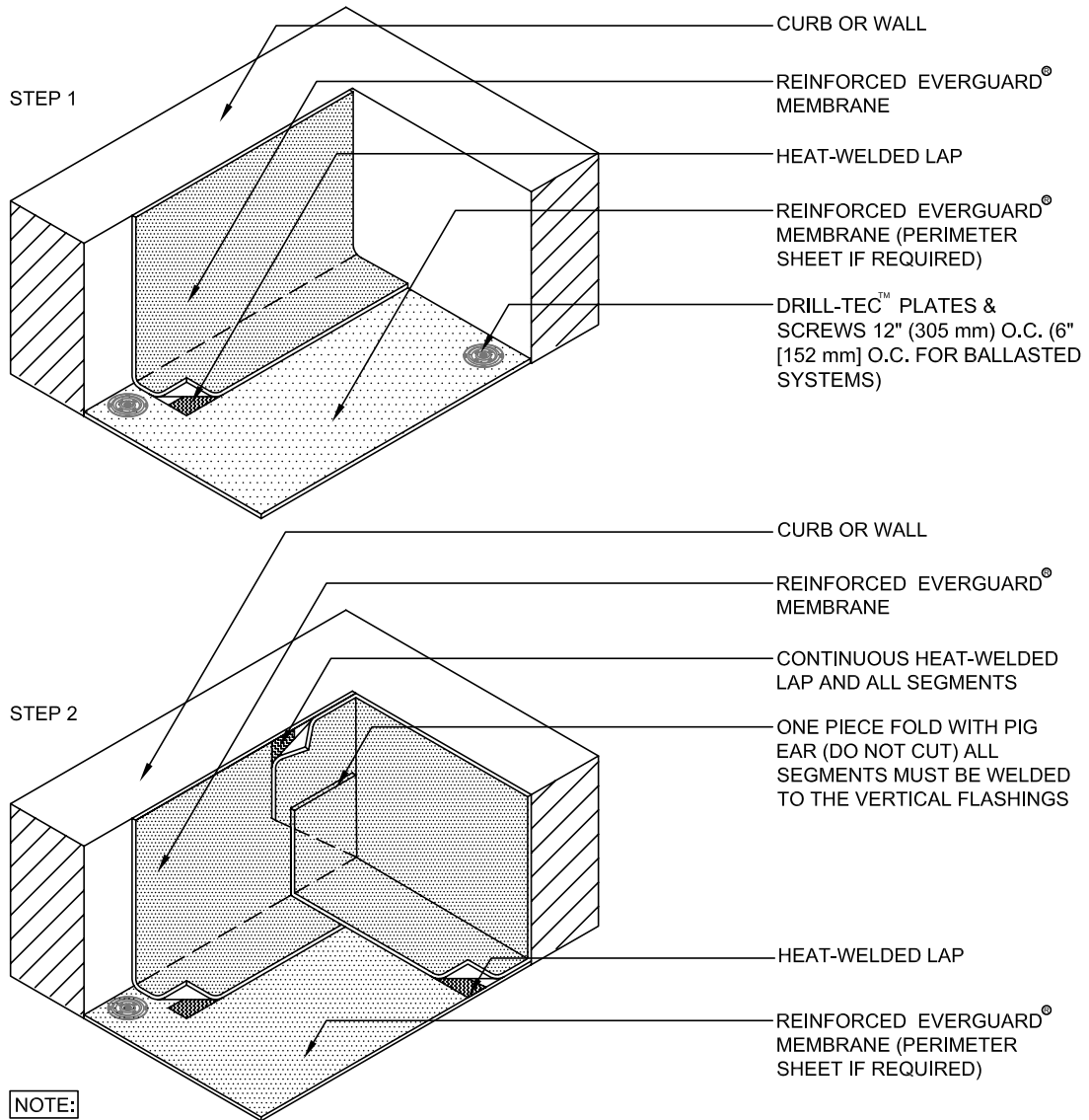
DRAWING #
327F

SCALE
 N.T.S.

**PATENTED INSIDE CORNER
 REINFORCEMENT -
 FIELD FABRICATION DETAIL**



THIS DETAIL APPLIES TO:
**Self-Adhered
 Systems**
(RAPIDSEAM™ TECHNOLOGY
 MEMBRANE ONLY)

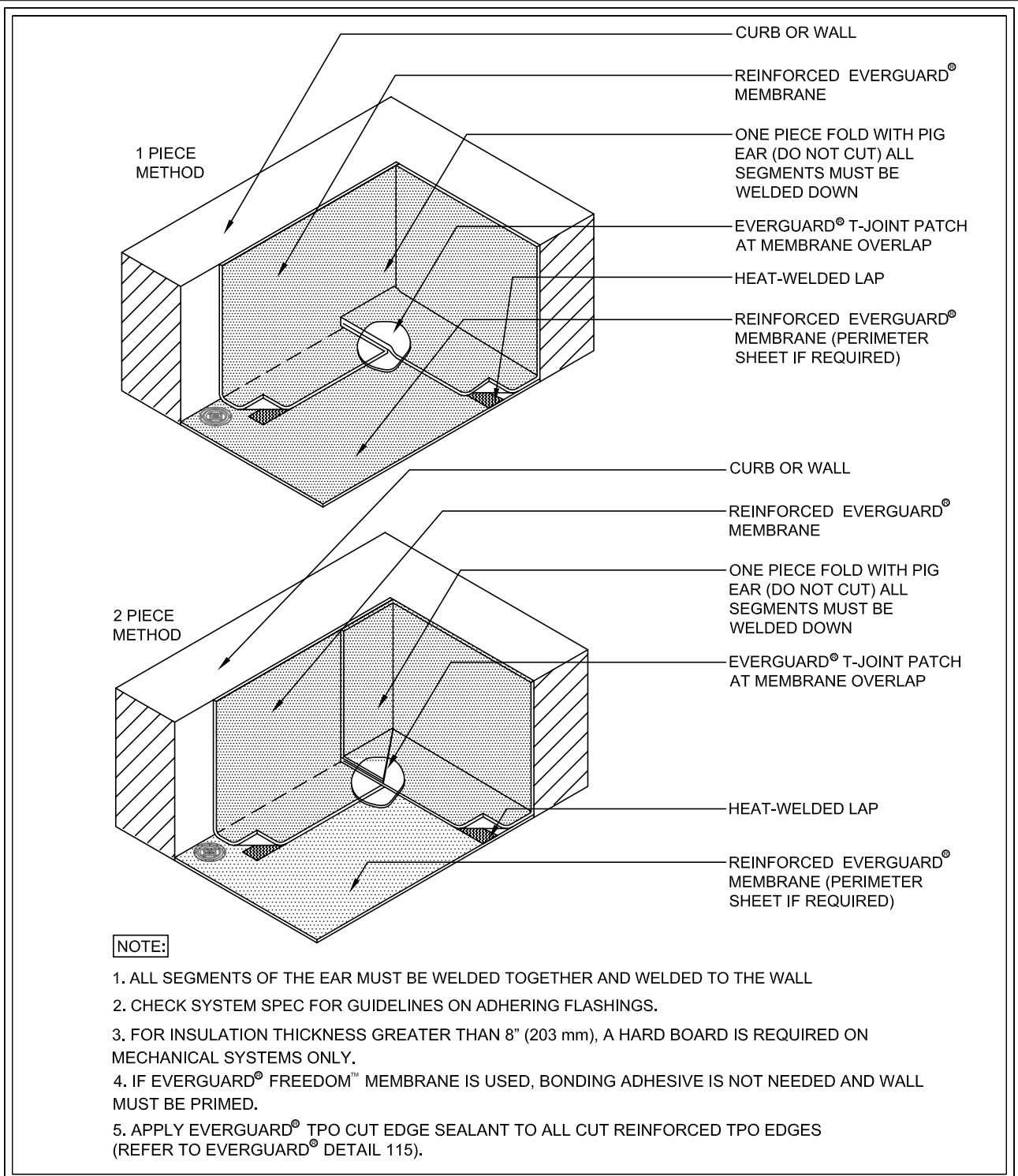
REVISION DATE
 10-3-17





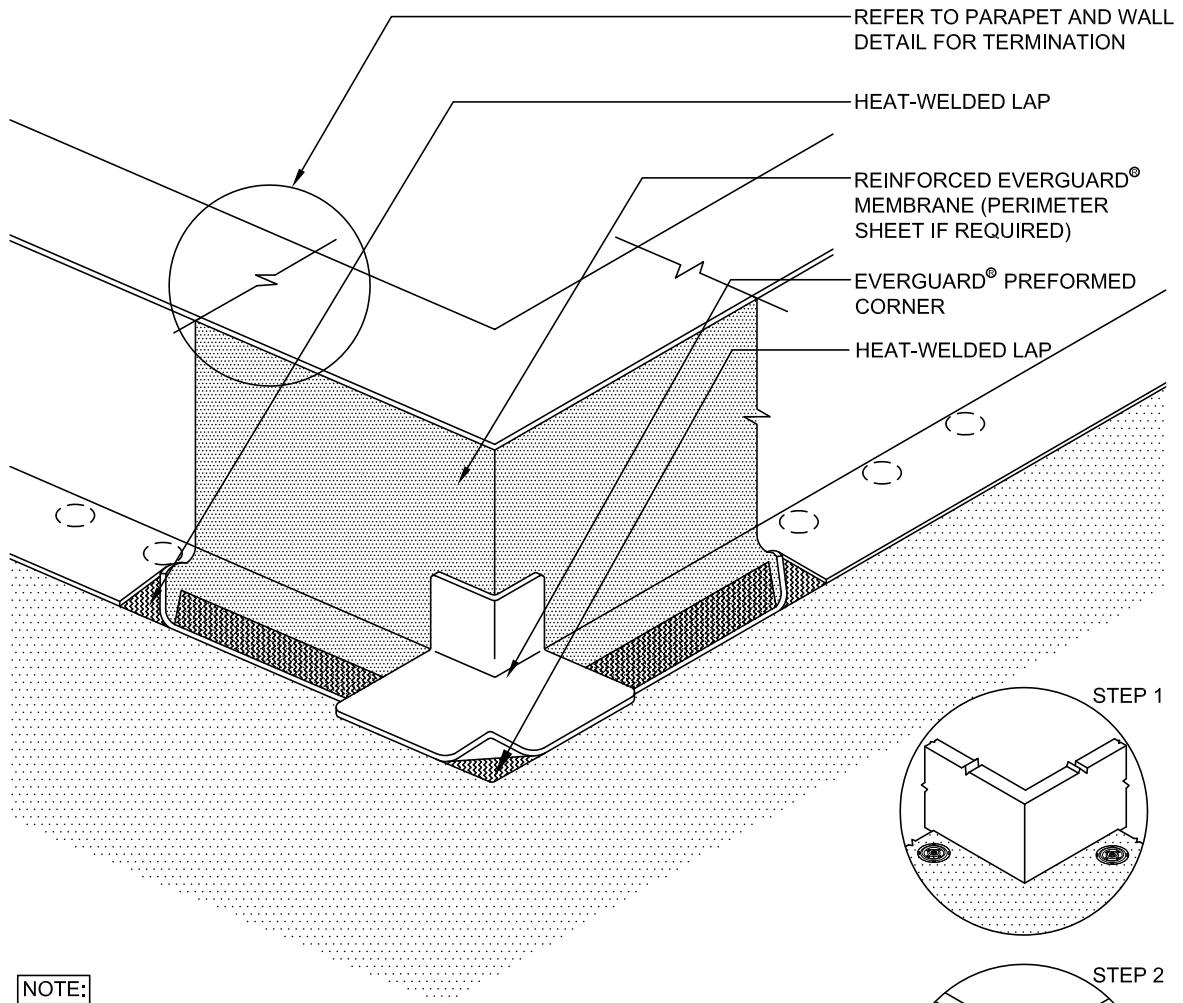
NOTE:

1. ALL SEGMENTS OF THE EAR MUST BE WELDED TOGETHER AND WELDED TO THE WALL
2. CHECK SYSTEM SPEC FOR GUIDELINES ON ADHERING FLASHINGS.
3. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
4. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	INSIDE CORNER FABRICATION - 2 STEP "PIG EAR" UP DETAIL	THIS DETAIL APPLIES TO:
		328A		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-27-17





 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	INSIDE CORNER FABRICATION - "PIG EAR" DOWN DETAIL	THIS DETAIL APPLIES TO:
		328B		SCALE
		N.T.S.	REVISION DATE 6-28-17	

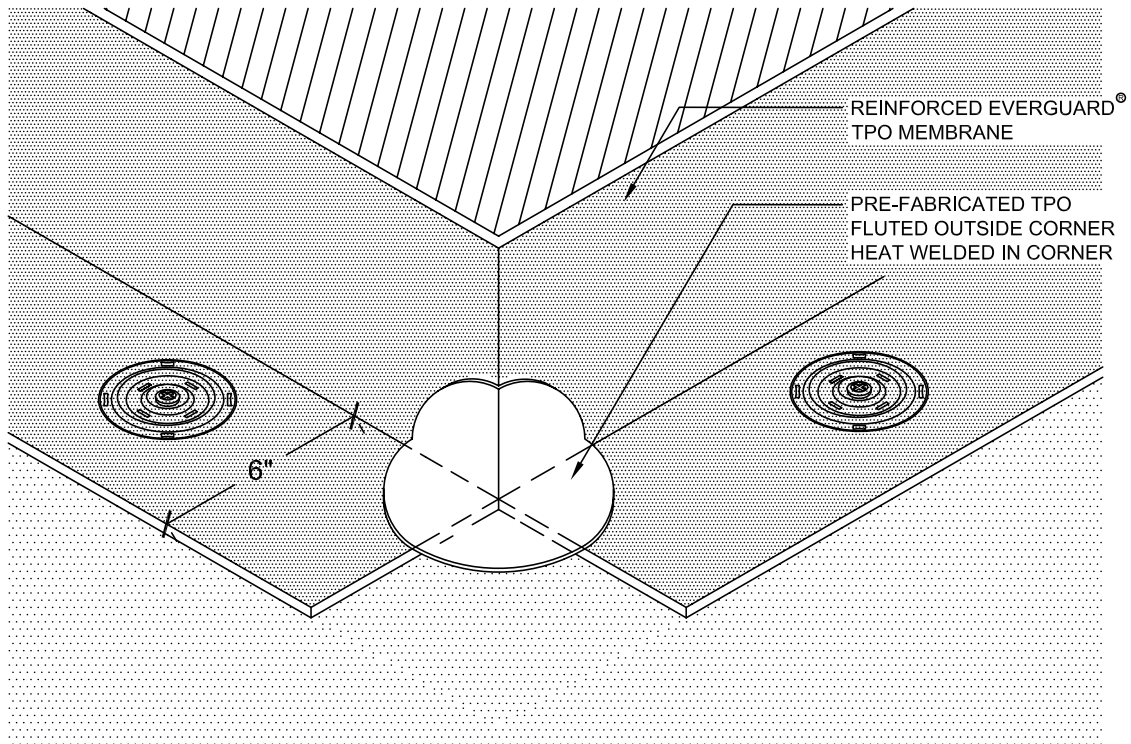


NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. FLASHINGS MAY BE ADHERED OR INSTALLED DRY. SEE SPEC FOR DIRECTIONS.
4. KEEP FASTENERS BACK FROM CORNER 6" (152 mm) MAX. IN BOTH HORIZONTAL AND VERTICAL APPLICATIONS.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



ALTERNATE
 WALL/CURB ATTACHMENT

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	329A OUTSIDE CORNER REINFORCEMENT - PREFORMED CORNER DETAIL	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
				REVISION DATE
				6-26-17



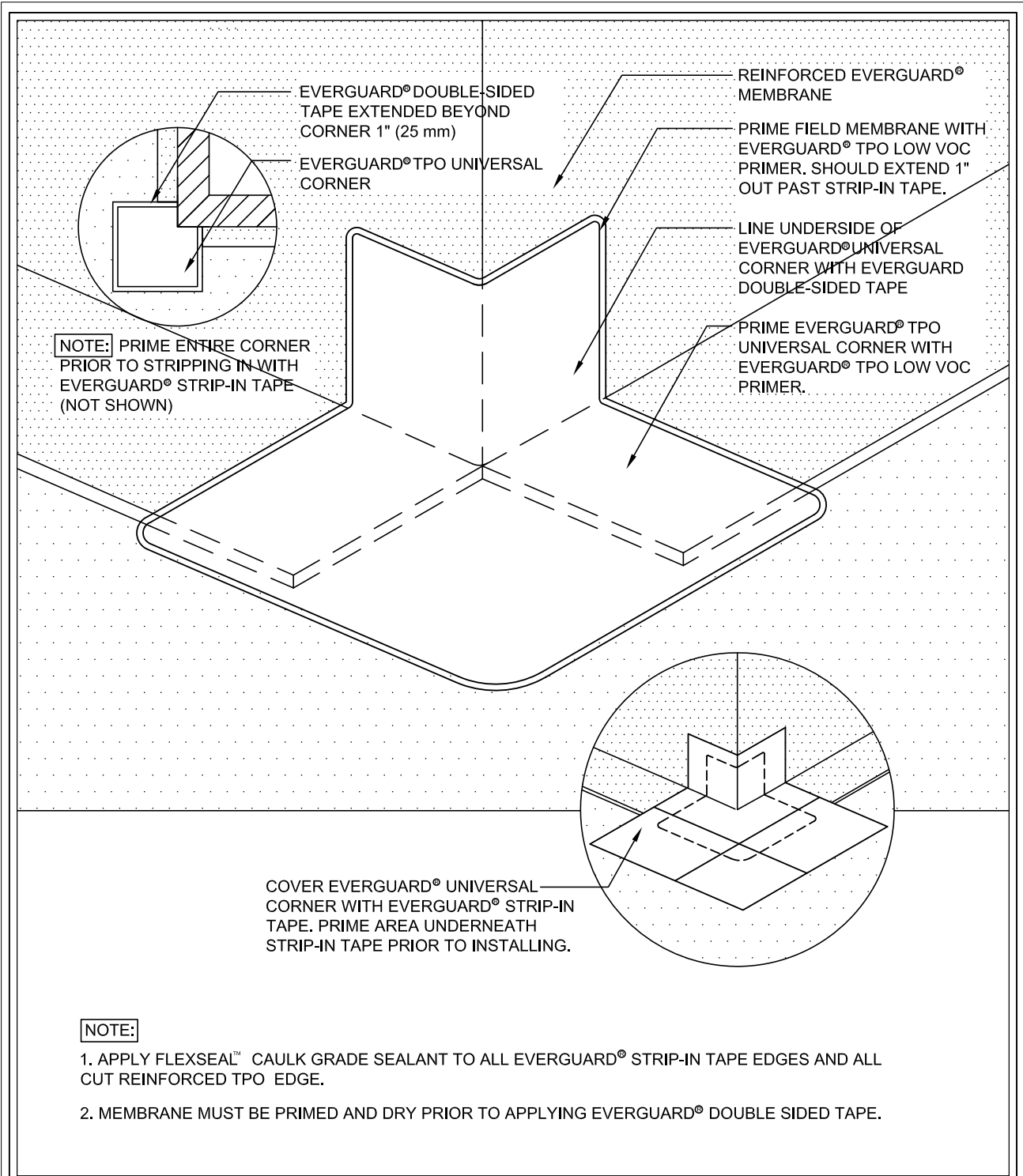
NOTE:

1. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
2. CORNER CAN BE FIELD FABRICATED WITH 4" (102mm), DIAMETER UNREINFORCED MEMBRANE HEAT-WELDED FULLY IN CORNER.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

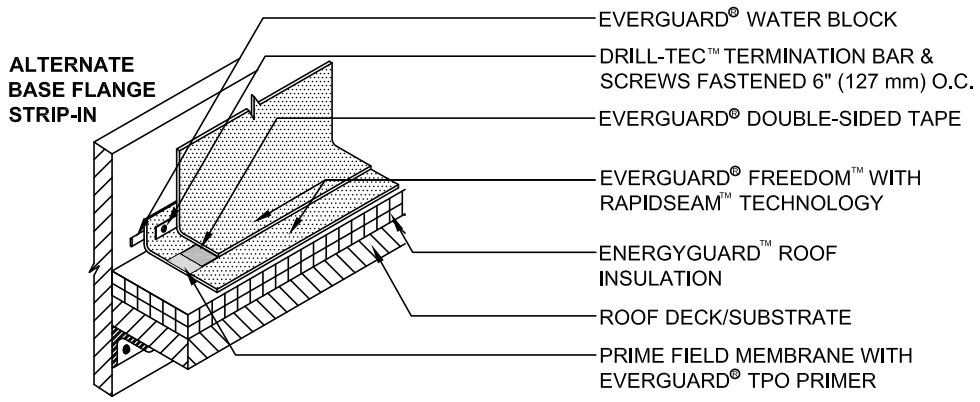
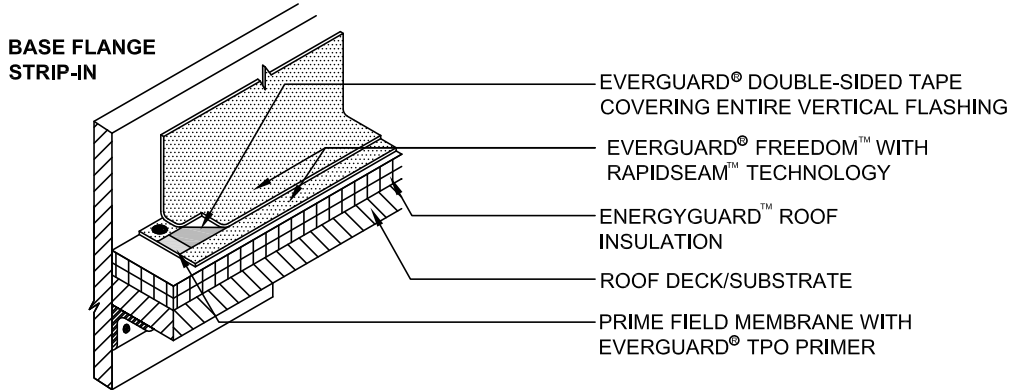
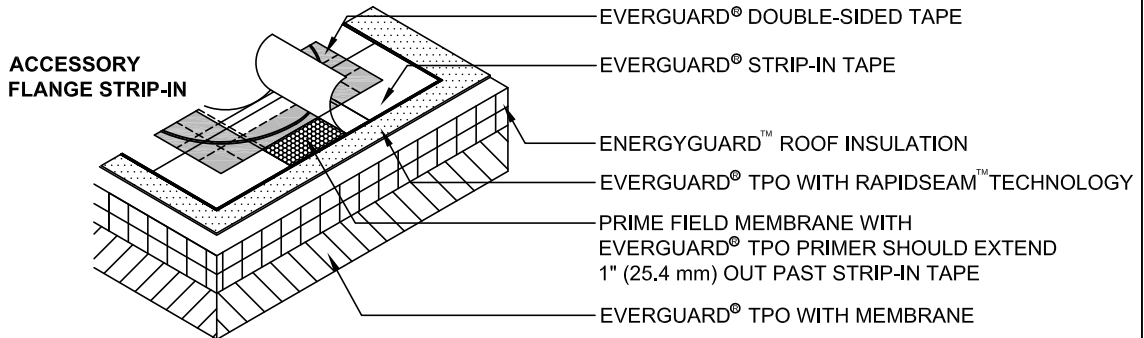
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	329B OUTSIDE CORNER REINFORCEMENT - FLUTED CORNER DETAIL	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
				REVISION DATE
				12-12-17

ARCHITECTURAL DETAIL DRAWINGS
 EverGuard® TPO/PVC Architectural Roofing Details Manual

300 Series
 Wall and Curb





 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	329C OUTSIDE CORNER REINFORCEMENT - UNIVERSAL CORNER DETAIL	THIS DETAIL APPLIES TO:
		SCALE		RapidSeam™ Systems
		N.T.S.		REVISION DATE
				12-12-17

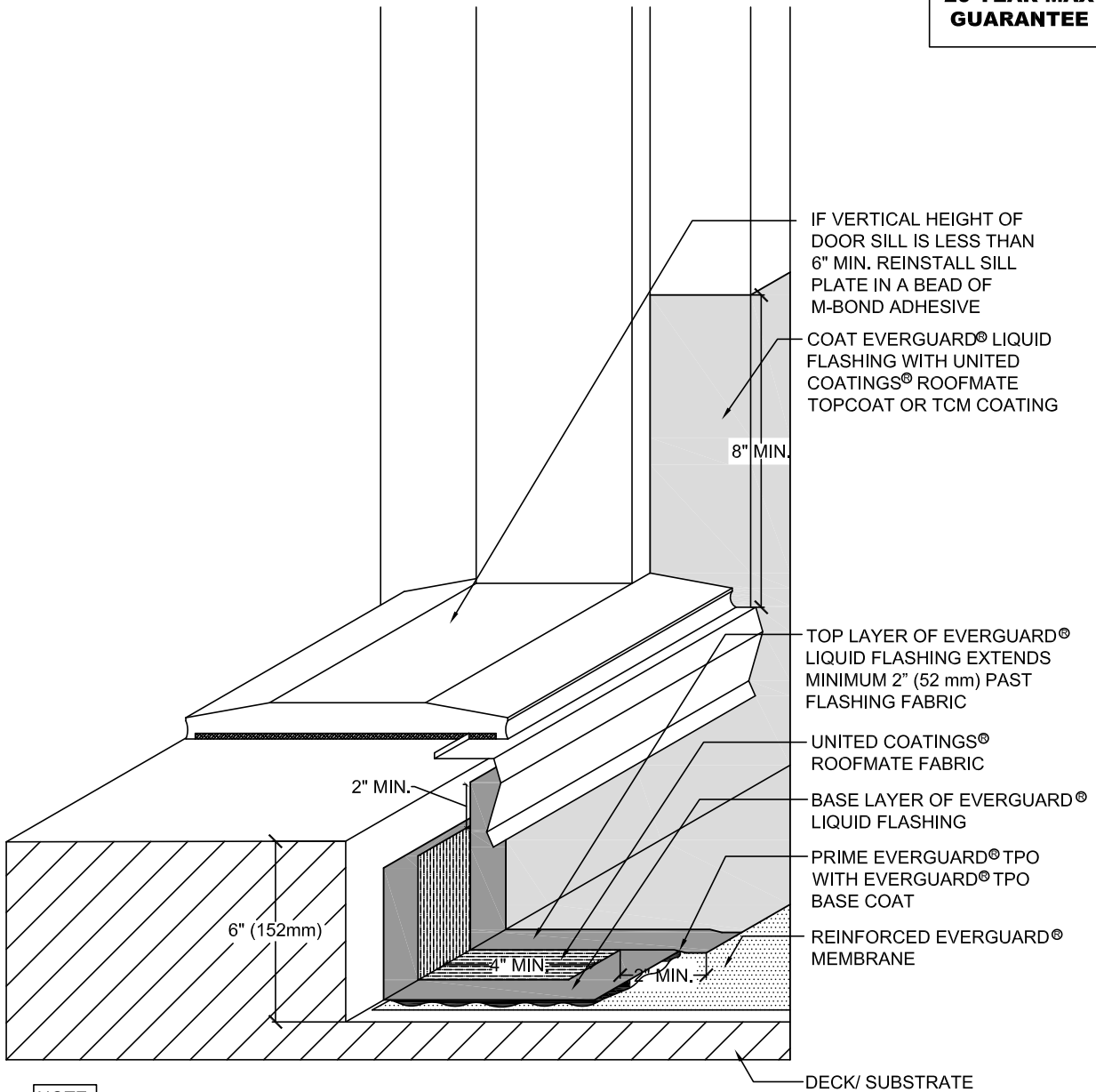


NOTE:

1. WALL MUST BE PRIMED PRIOR TO INSTALLING WALL FLASHING.
2. PRIMED MEMBRANE MUST BE DRY PRIOR TO APPLYING EVERGUARD® DOUBLE SIDED TAPE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	RAPIDSEAM™ TECHNOLOGY STRIP-IN DETAILS	THIS DETAIL APPLIES TO:
		330		SCALE
		N.T.S.		REVISION DATE 12-12-17

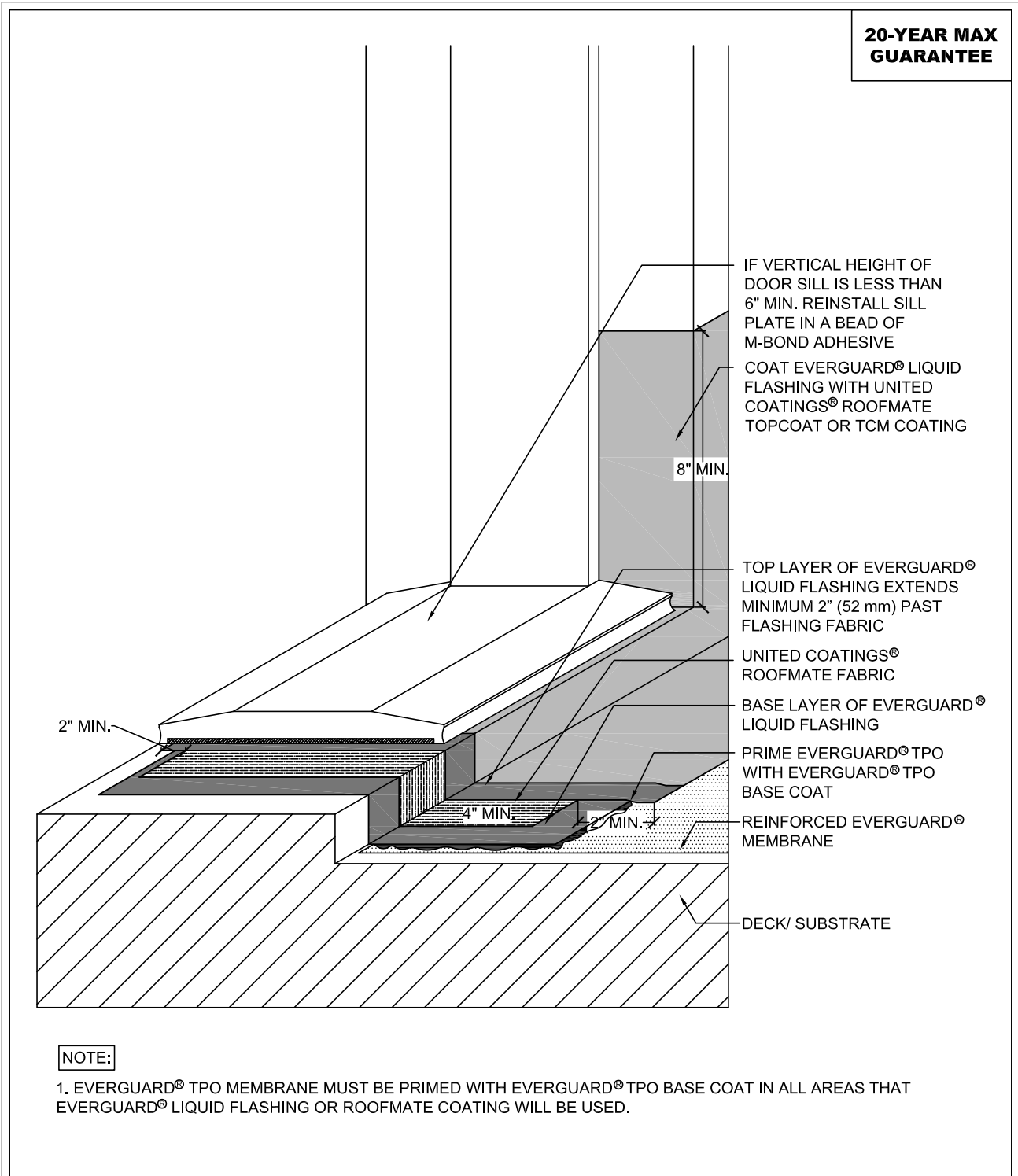
**20-YEAR MAX
 GUARANTEE**





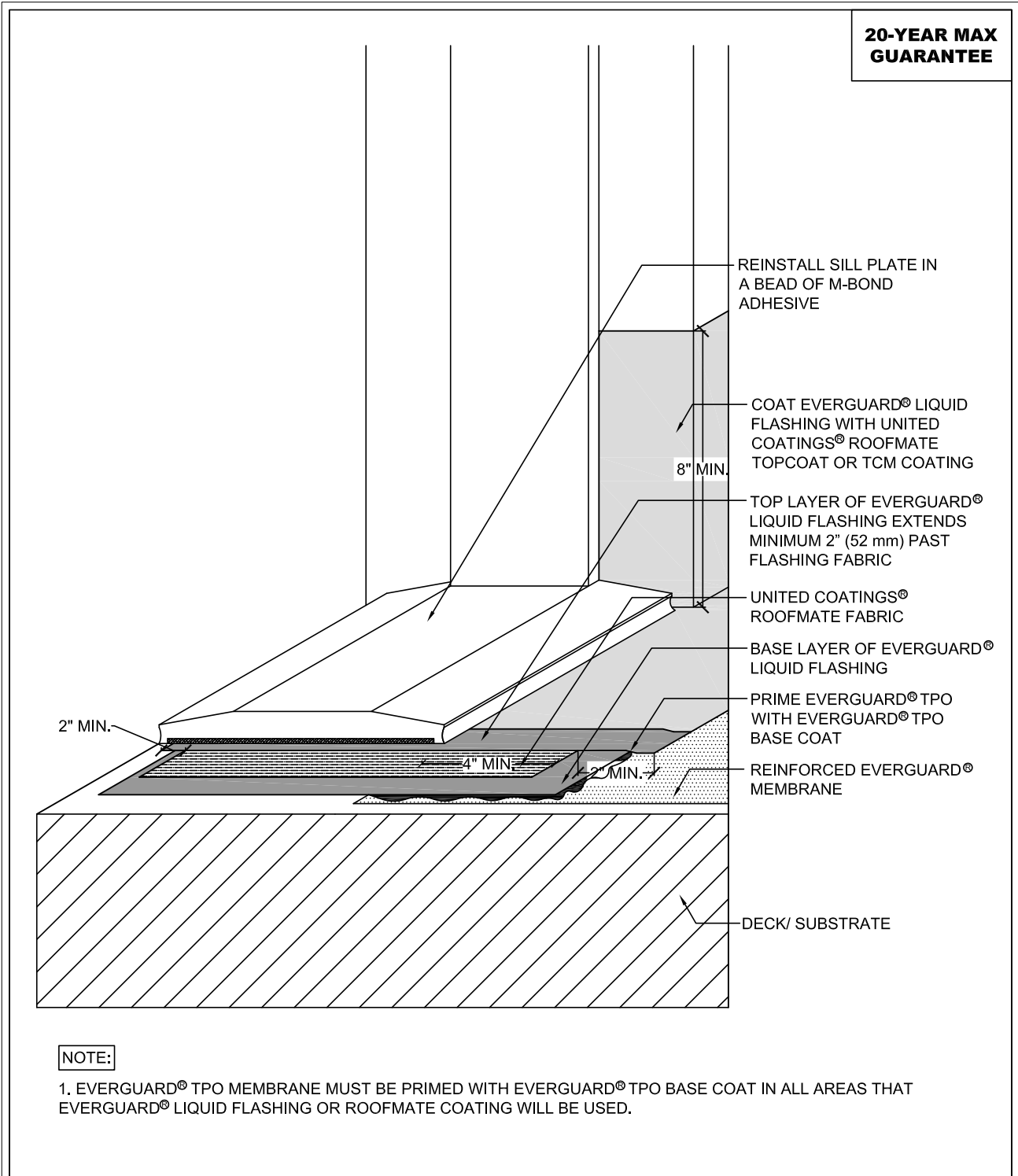
NOTE:



1. EVERGUARD® TPO MEMBRANE MUST BE PRIMED WITH EVERGUARD® TPO BASE COAT IN ALL AREAS THAT EVERGUARD® LIQUID FLASHING OR ROOFMATE COATING WILL BE USED.
2. IF VERTICAL HEIGHT OF DOOR SILL IS LESS THAN 6" MIN. EXTEND EVERGUARD® LIQUID FLASHING SYSTEM UNDER DOOR SILL. SEE DETAIL 303MM FOR MORE DETAILS.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	341 RAISED DOOR SILL FLASHING	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 10-3-17



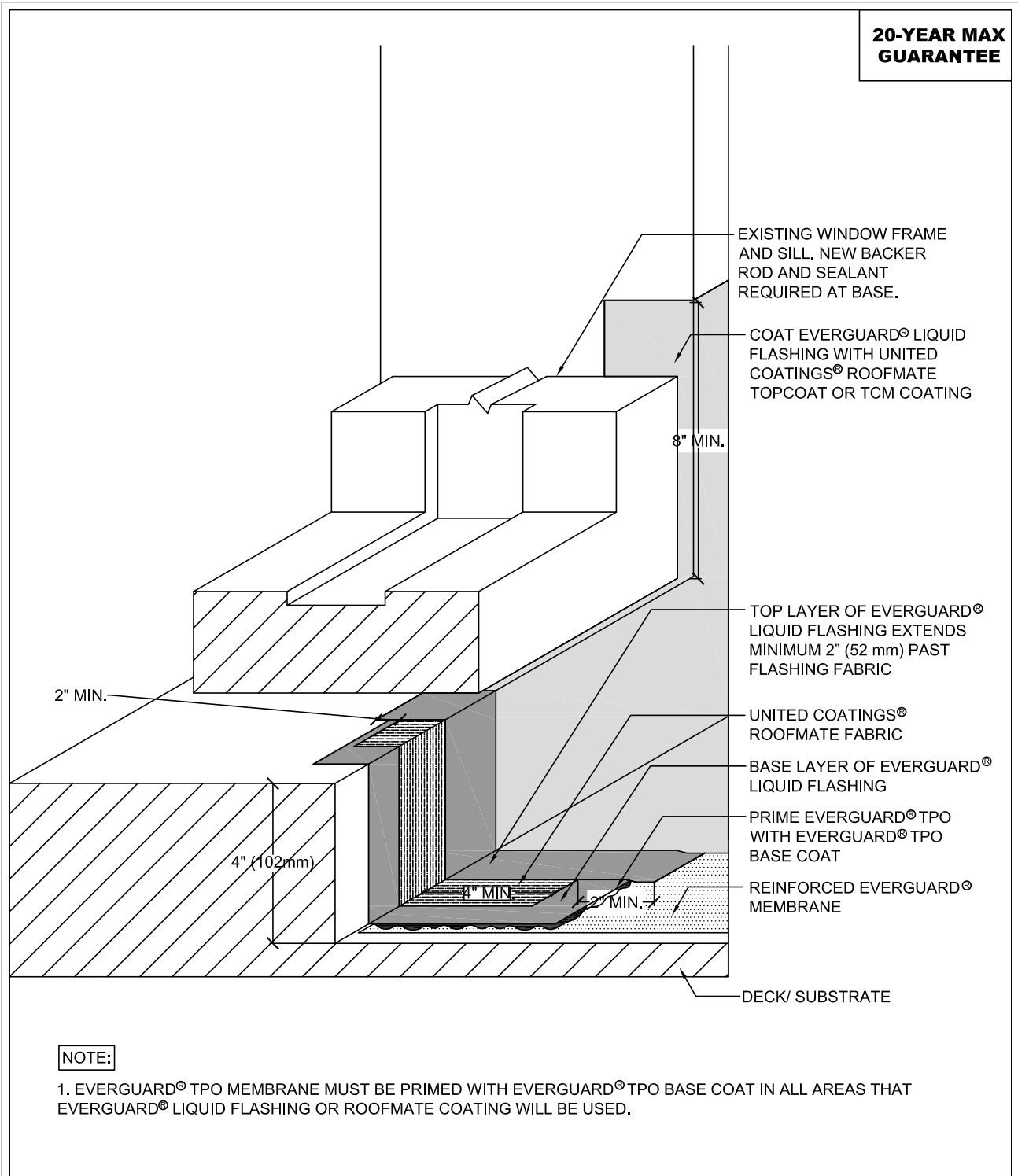
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	LOW DOOR SILL FLASHING	THIS DETAIL APPLIES TO:
		342		ALL SYSTEMS
		SCALE	REVISION DATE	
		N.T.S.	12-12-17	





 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS PARAPET WALL & CURB SERIES	DRAWING #	343 FLUSH DOOR SILL FLASHING	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.	REVISION DATE	
			10-3-17	

ARCHITECTURAL DETAIL DRAWINGS
 EverGuard® TPO/PVC Architectural Roofing Details Manual

300 Series
 Wall and Curb



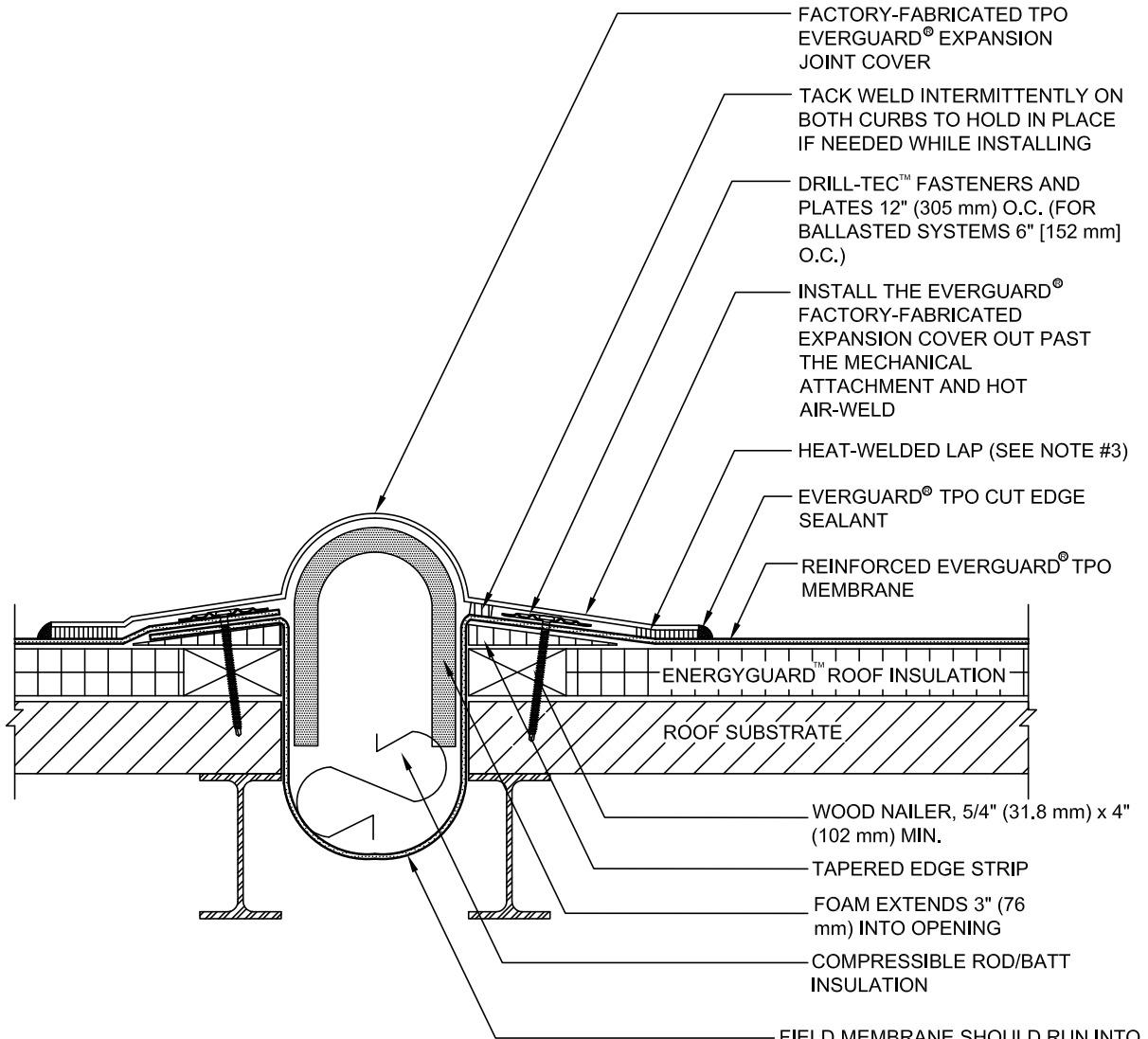
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 PARAPET WALL & CURB SERIES	DRAWING #	345 WINDOW SILL FLASHING	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
				REVISION DATE
				10-3-17

400 Series Expansion Joint Detail

SMART DETAILS

Quick access to installation videos and detail drawings for EverGuard® single-ply systems.



Visit http://www.gaf.com/roofing/commercial/smart_details for further information.

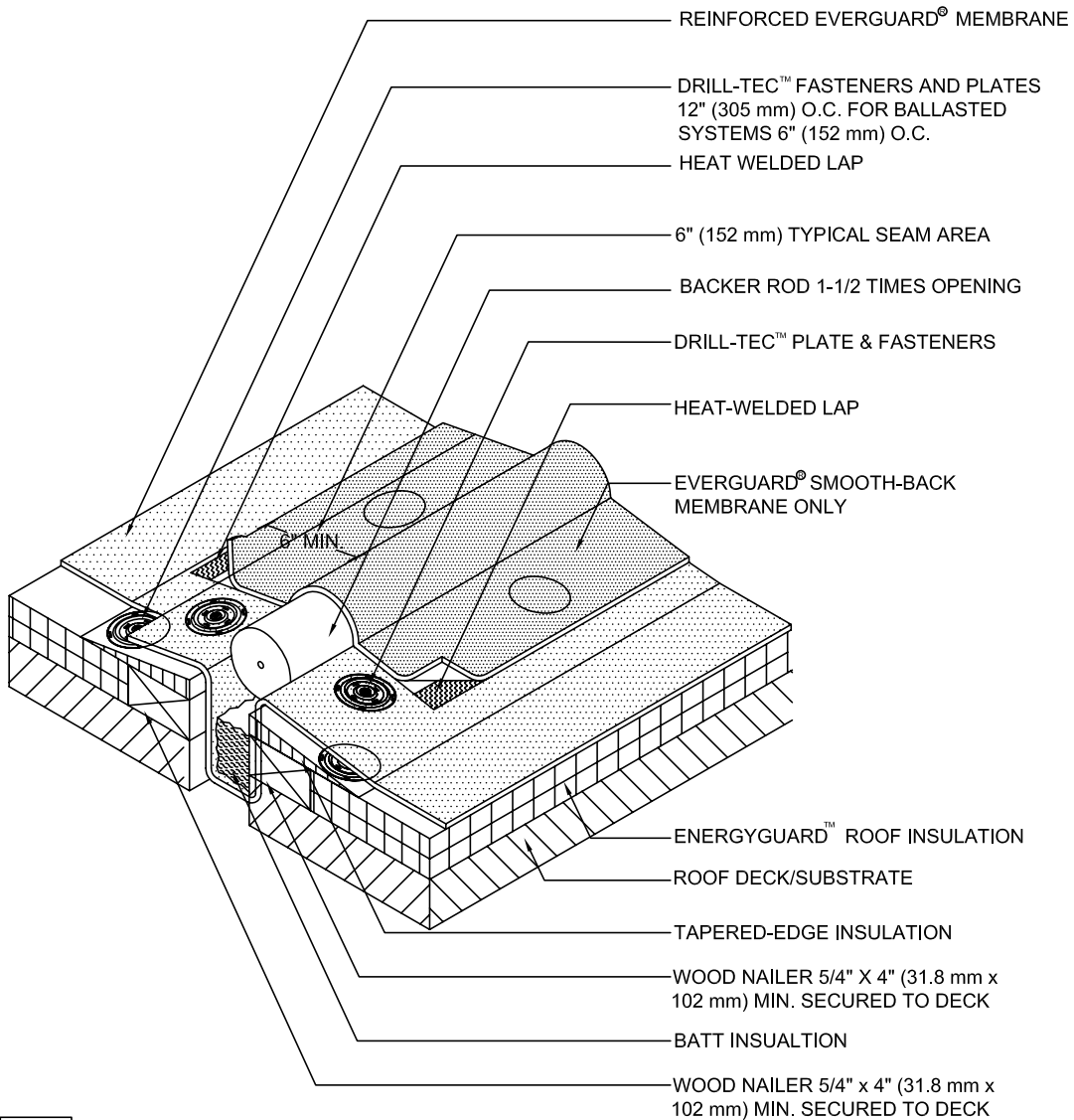


NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FOR SELF-ADHERED SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



FIELD MEMBRANE SHOULD RUN INTO THE EXPANSION JOINT CONTINUING ONTO THE OTHER SIDE AND TERMINATING AS INDICATED

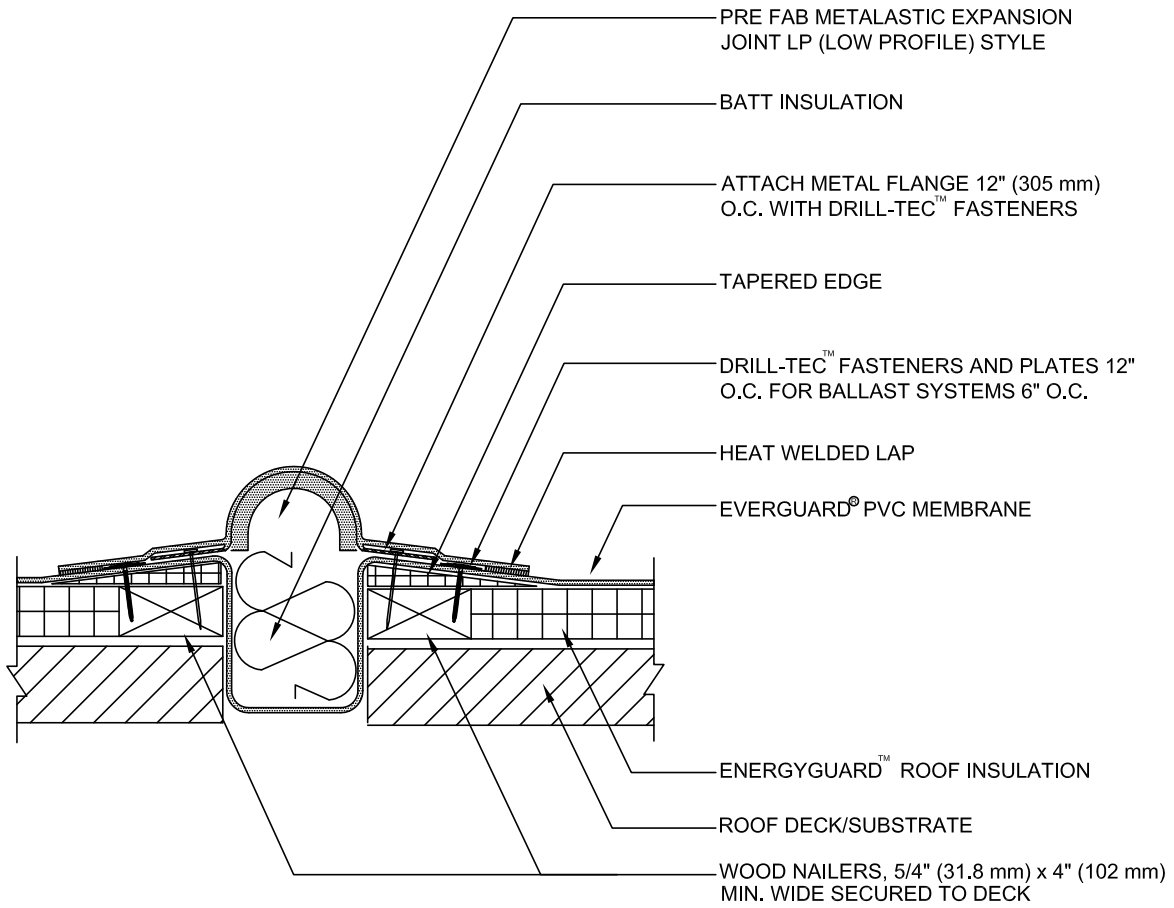
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	401A	FACTORY FABRICATED EXPANSION JOINT DETAIL - FLAT TYPE	THIS DETAIL APPLIES TO:
		SCALE			TPO ONLY
					REVISION DATE 6-20-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FIELD-FABRICATED EXPANSION JOINT SHOULD NOT BE FLEECE-BACK OR SELF-ADHERING MEMBRANE. USE STANDARD EVERGUARD® MEMBRANE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).
1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.

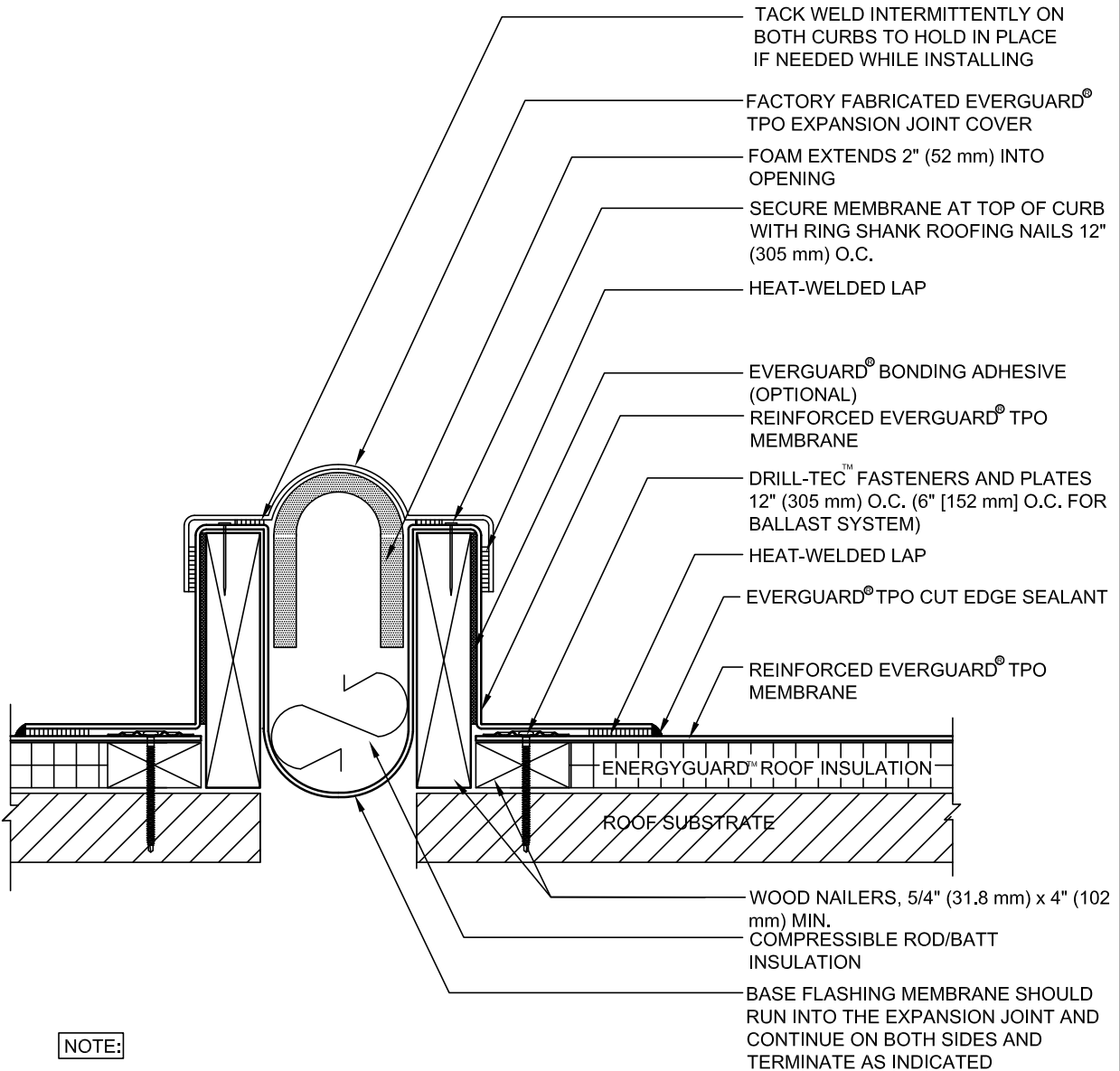
 WWW.GAF.COM 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	401B FIELD FABRICATED EXPANSION JOINT DETAIL - FLAT TYPE	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 12-12-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. EVERGUARD® PRE FABRICATED METALASTIC EXPANSION JOINTS MUST BE CUSTOM ORDERED TO SPAN EXPANSION OPENING.

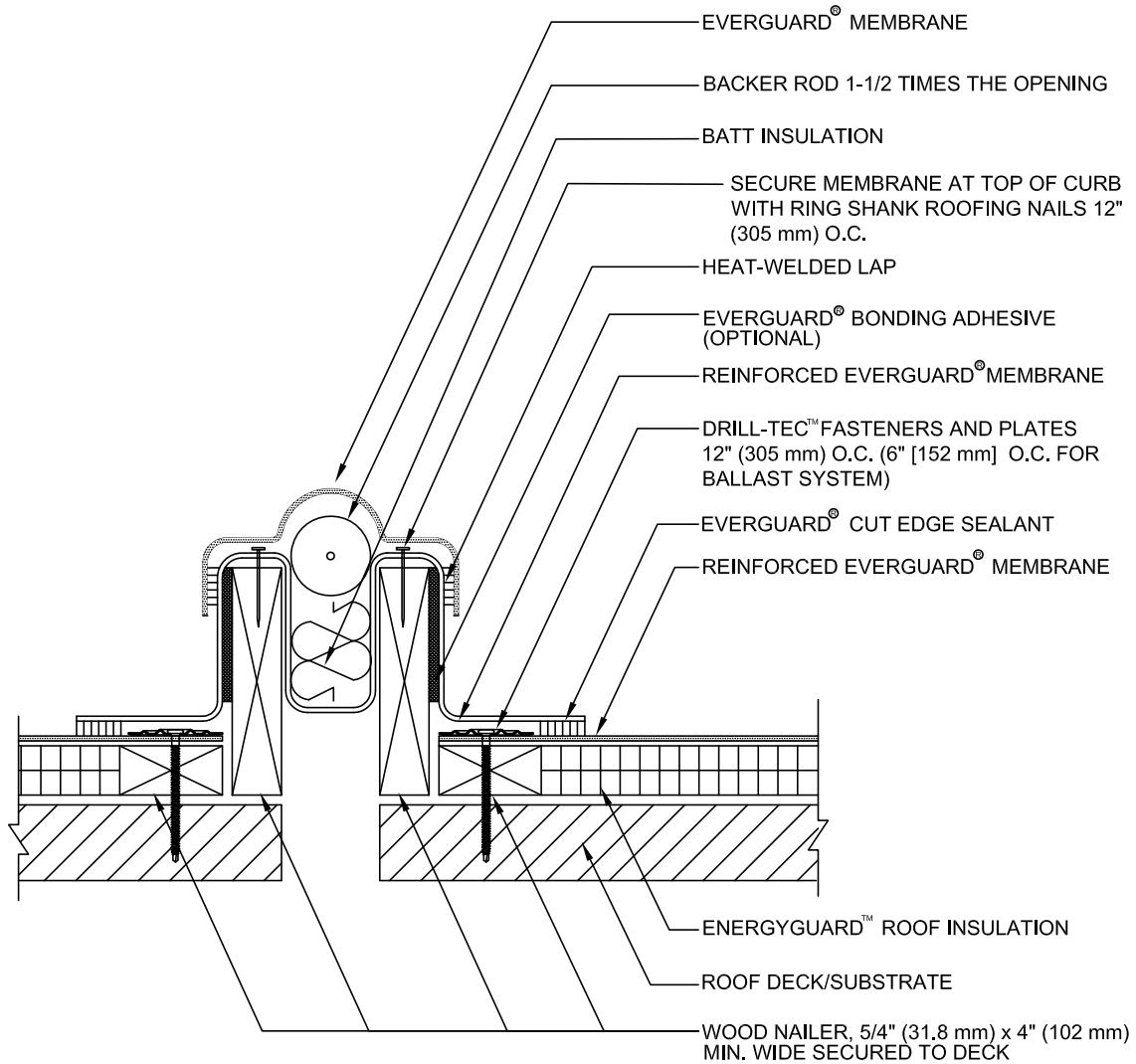
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	PVC METALASTIC EXPANSION JOINT - FLAT TYPE	THIS DETAIL APPLIES TO:
		401C		ALL SYSTEMS
		SCALE	PVC ONLY	REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

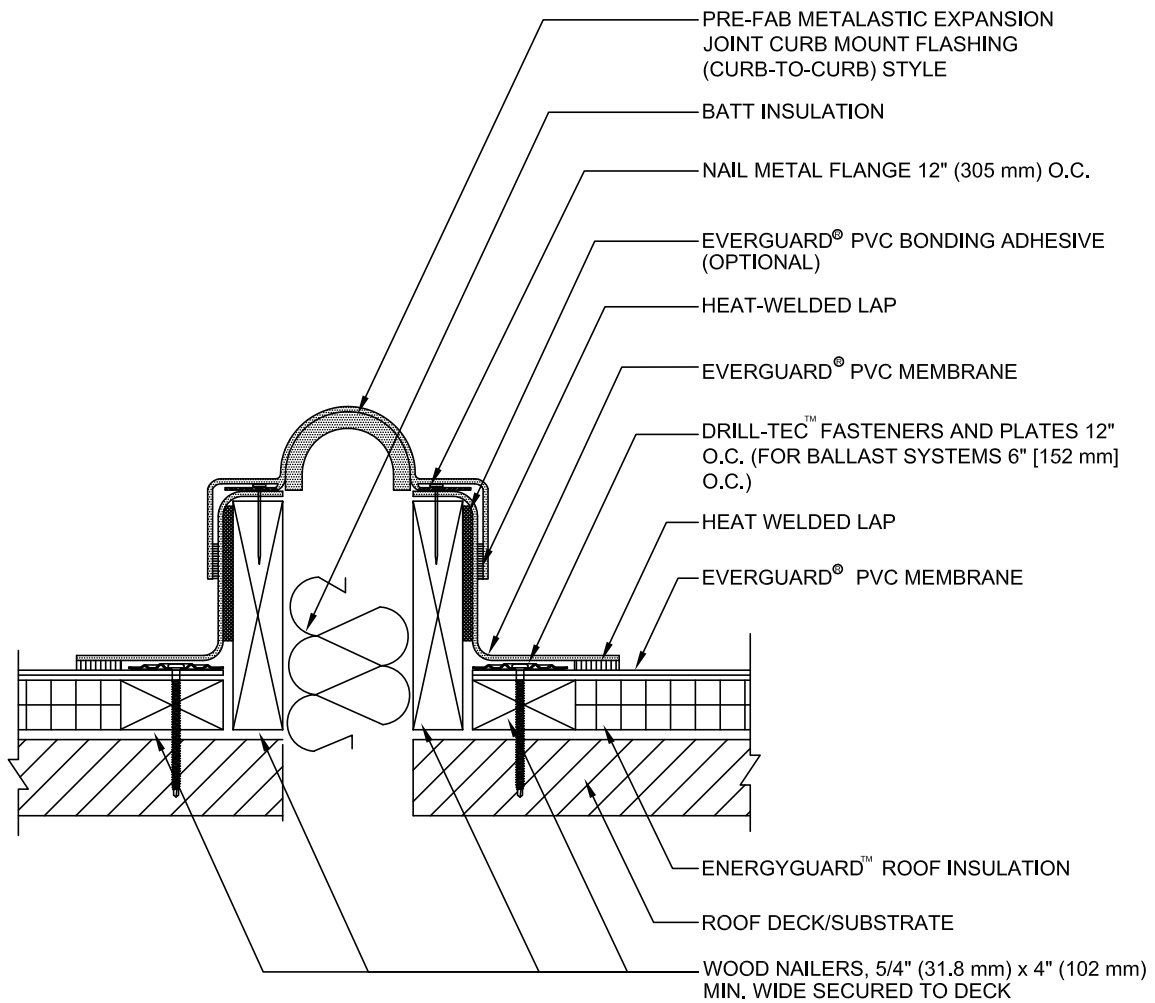
 www.gaf.com 1 Campus Drive Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	TPO FACTORY FABRICATED EXPANSION JOINT DETAIL- CURB TYPE	THIS DETAIL APPLIES TO:
		402A		SCALE
		N.T.S.	TPO ONLY	REVISION DATE 6-20-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FIELD FABRICATED EXPANSION JOINT SHOULD BE SMOOTH BACKED MEMBRANE ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

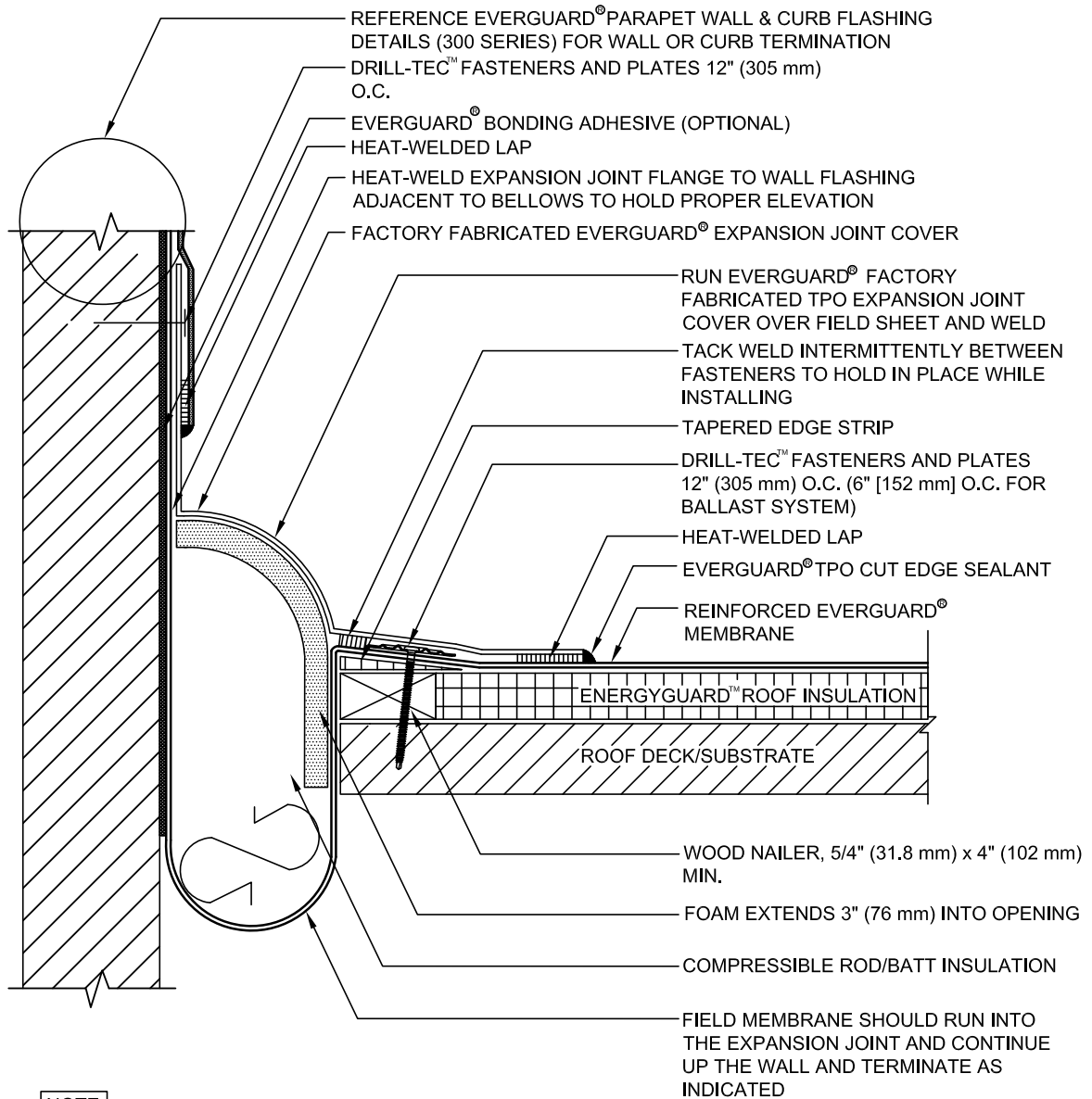
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	FIELD FABRICATED EXPANSION JOINT DETAIL - CURB TYPE	THIS DETAIL APPLIES TO:
		402B		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		5-25-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. EVERGUARD® PRE-FABRICATED METALASTIC EXPANSION JOINTS MUST BE CUSTOM ORDERED TO SPAN EXPANSION OPENING.

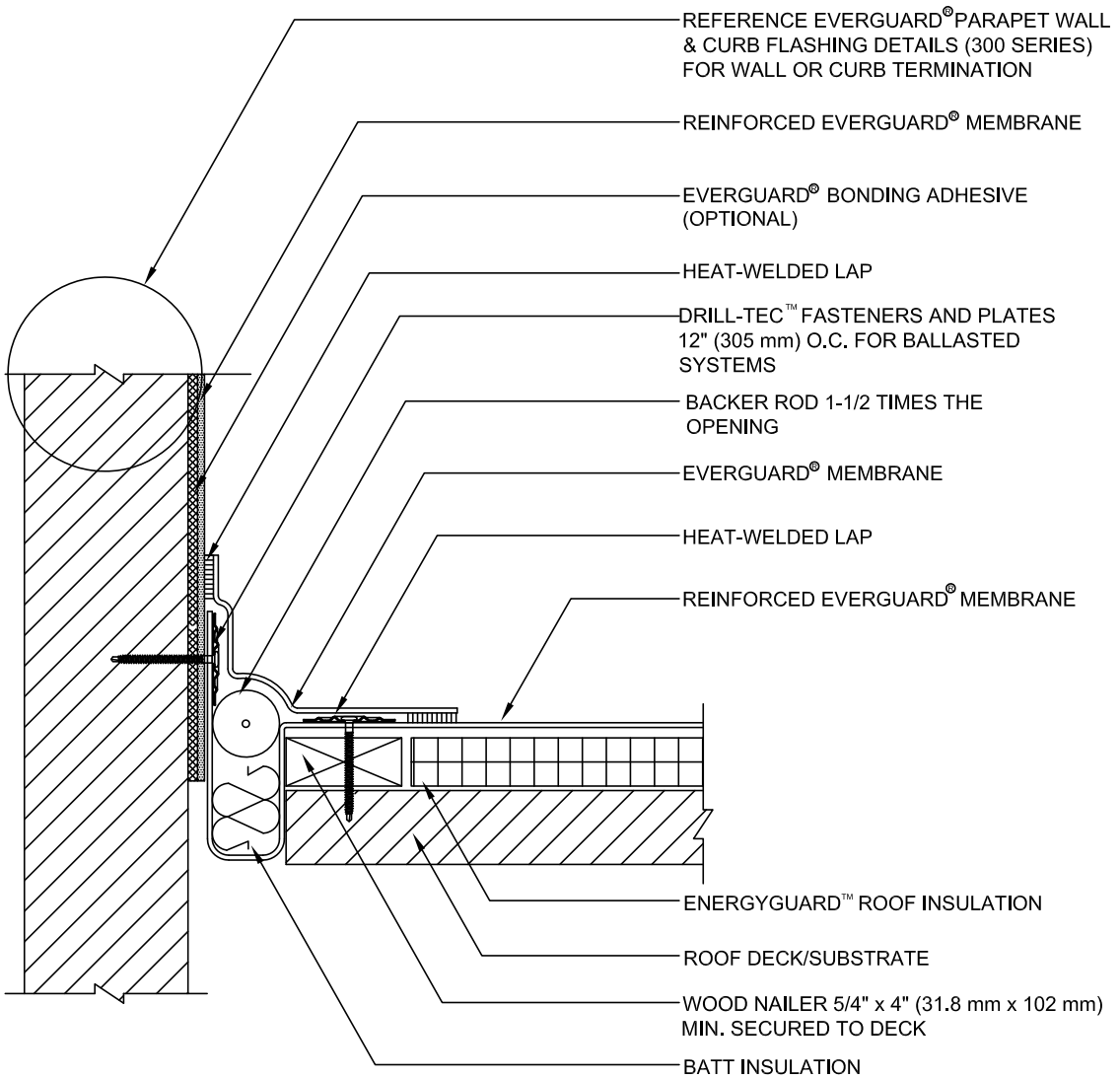
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	PVC METALASTIC EXPANSION JOINT - CURB TYPE	THIS DETAIL APPLIES TO:
		402C		ALL SYSTEMS
		SCALE	PVC ONLY	REVISION DATE
		N.T.S.		12-12-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

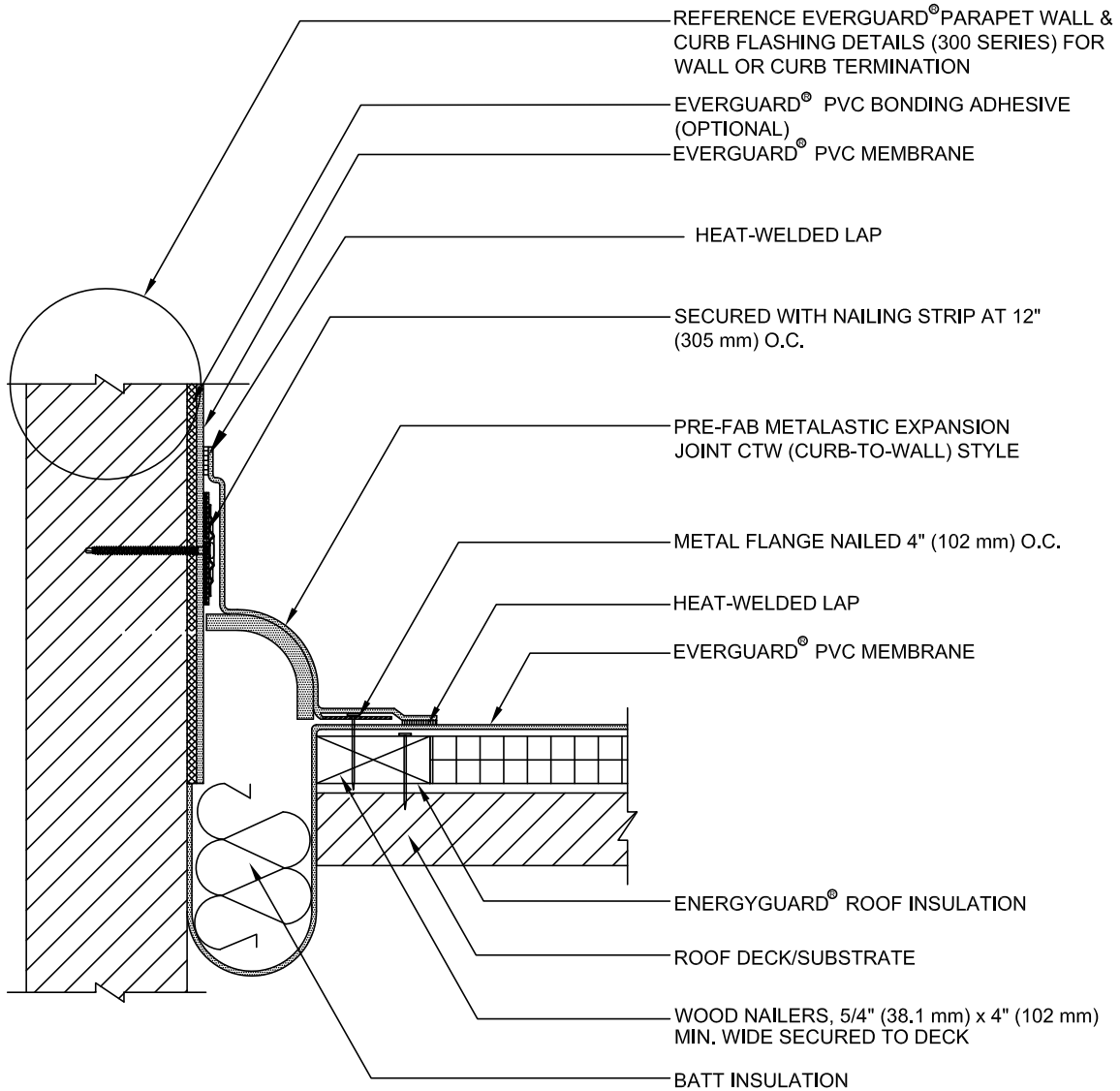
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	TPO FACTORY FABRICATED WALL EXPANSION JOINT DETAIL - FLAT TYPE	THIS DETAIL APPLIES TO:
		403A		ALL SYSTEMS
		SCALE	TPO ONLY	REVISION DATE
		N.T.S.		6-20-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FIELD-FABRICATED EXPANSION JOINT SHOULD USE A SMOOTH BACKED MEMBRANE.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

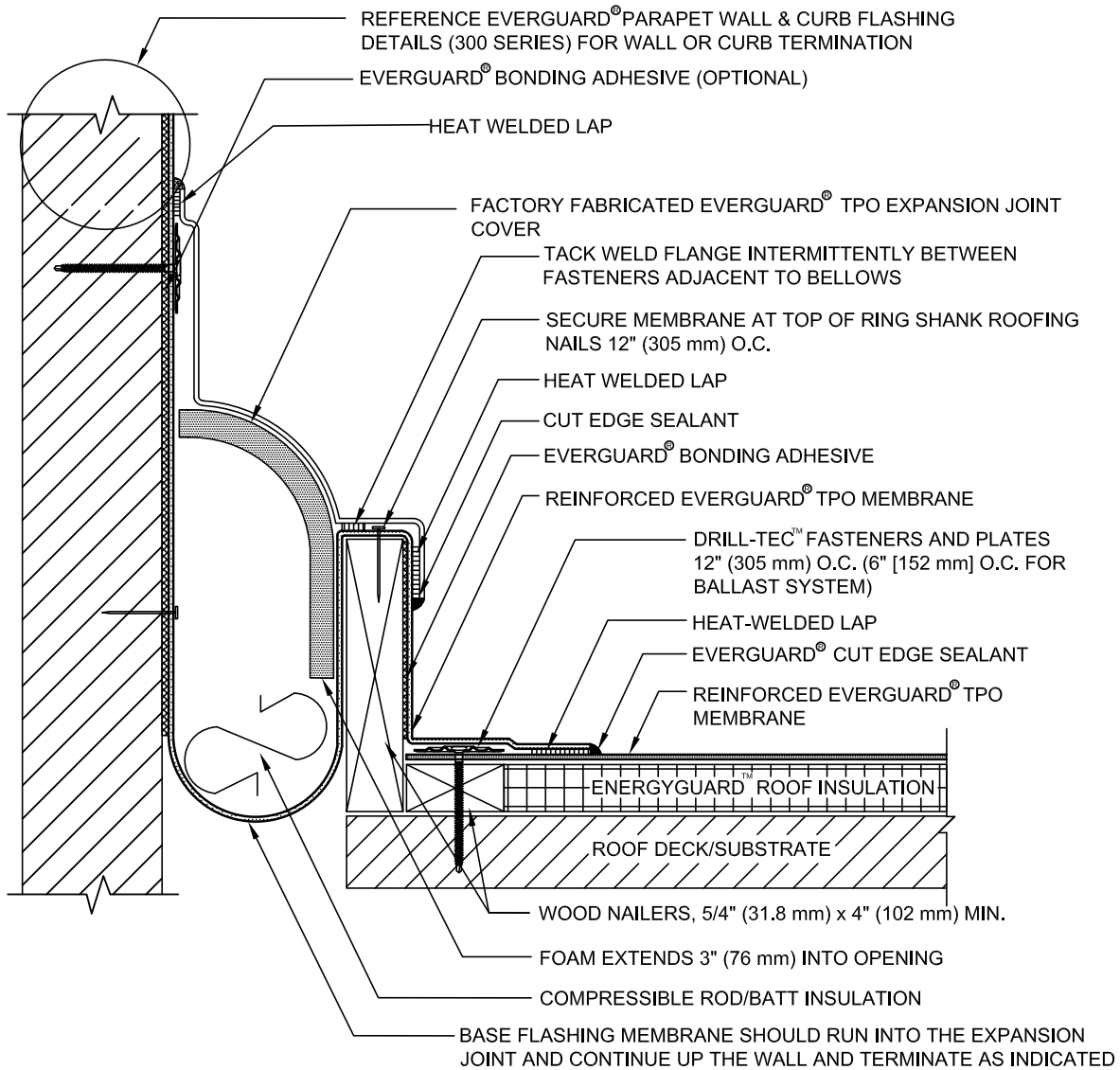
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	403B FIELD FABRICATED WALL EXPANSION JOINT DETAIL - FLAT TYPE	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 6-20-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. EVERGUARD® PRE-FABRICATED METALASTIC EXPANSION JOINTS MUST BE CUSTOM ORDERED TO SPAN EXPANSION OPENING.

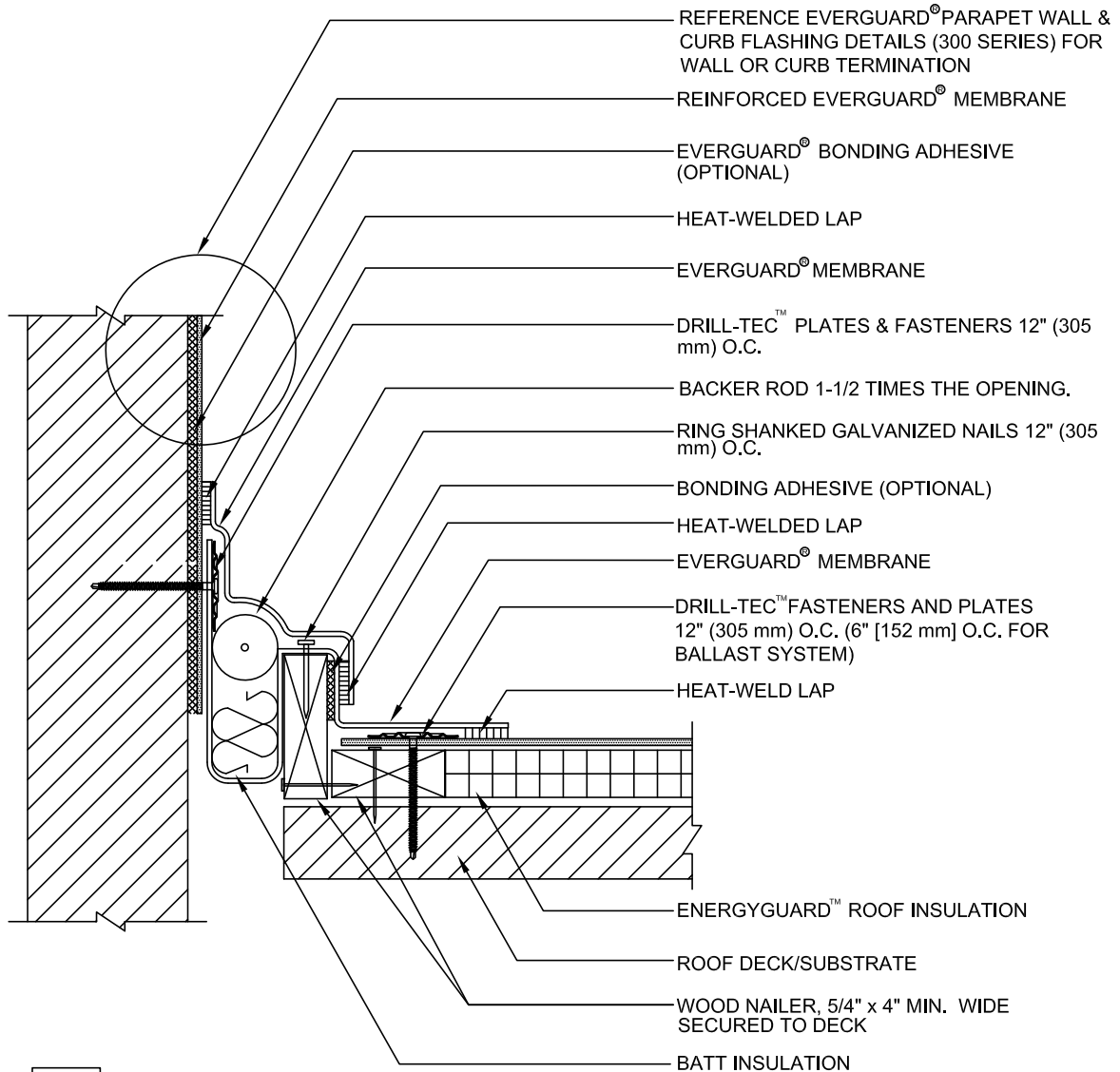
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	PVC METALASTIC WALL EXPANSION JOINT - FLAT TYPE	THIS DETAIL APPLIES TO:
		403C		ALL SYSTEMS
		SCALE	PVC ONLY	REVISION DATE
		N.T.S.		12-12-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

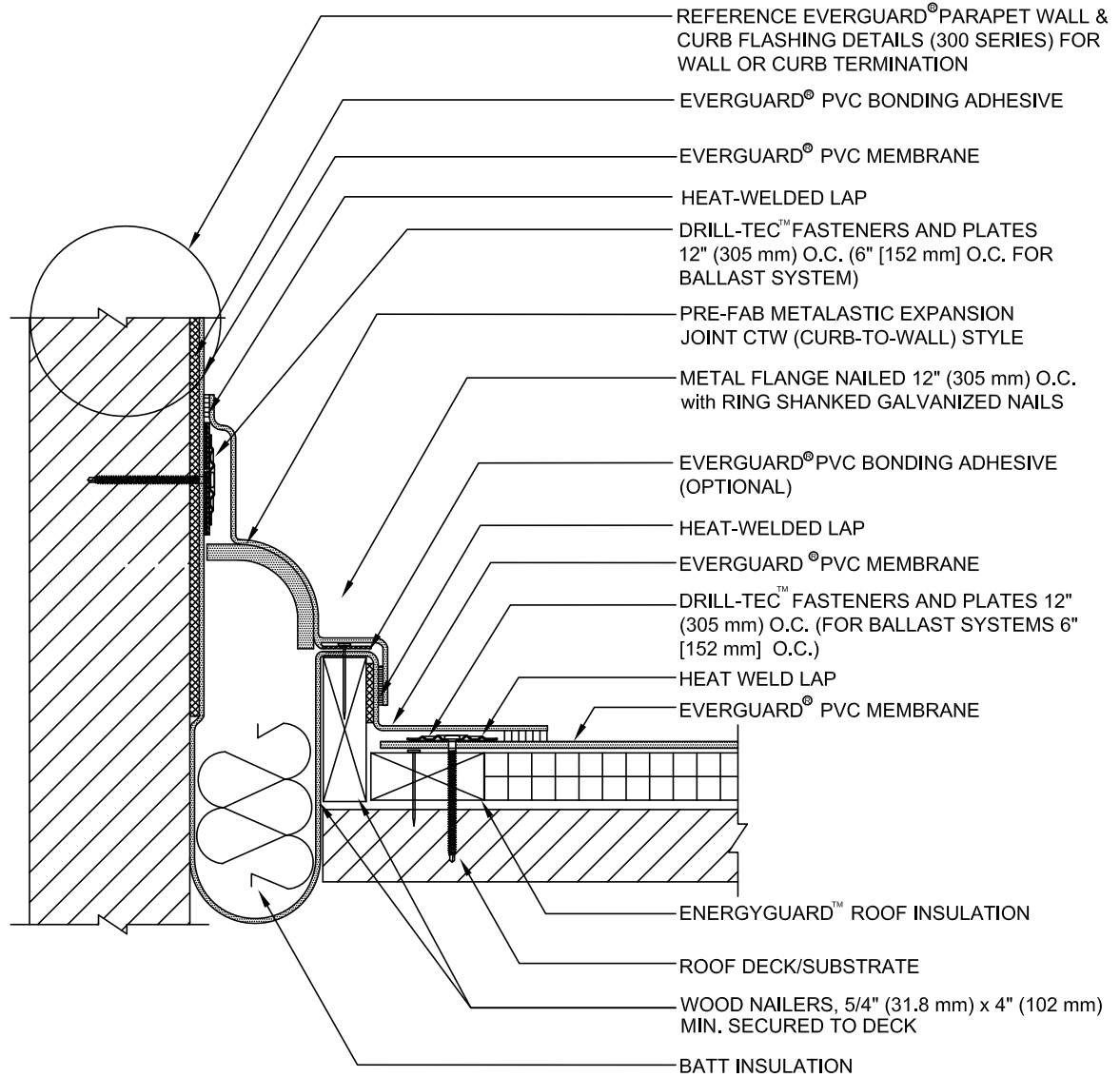
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	TPO FACTORY FABRICATED WALL EXPANSION JOINT DETAIL-CURB TYPE	THIS DETAIL APPLIES TO:
		404A		ALL SYSTEMS
		SCALE	TPO ONLY	REVISION DATE
		N.T.S.		10-3-17



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FIELD-FABRICATED EXPANSION JOINT SHOULD BE SMOOTH BACKED MEMBRANE ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING # 404B	FIELD FABRICATED WALL EXPANSION JOINT DETAIL - CURB TYPE	THIS DETAIL APPLIES TO: ALL SYSTEMS
		SCALE N.T.S.		REVISION DATE 5-25-16



NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. EVERGUARD® PRE FABRICATED METALSTIC EXPANSION JOINTS MUST BE CUSTOM ORDERED TO SPAN EXPANSION OPENING.

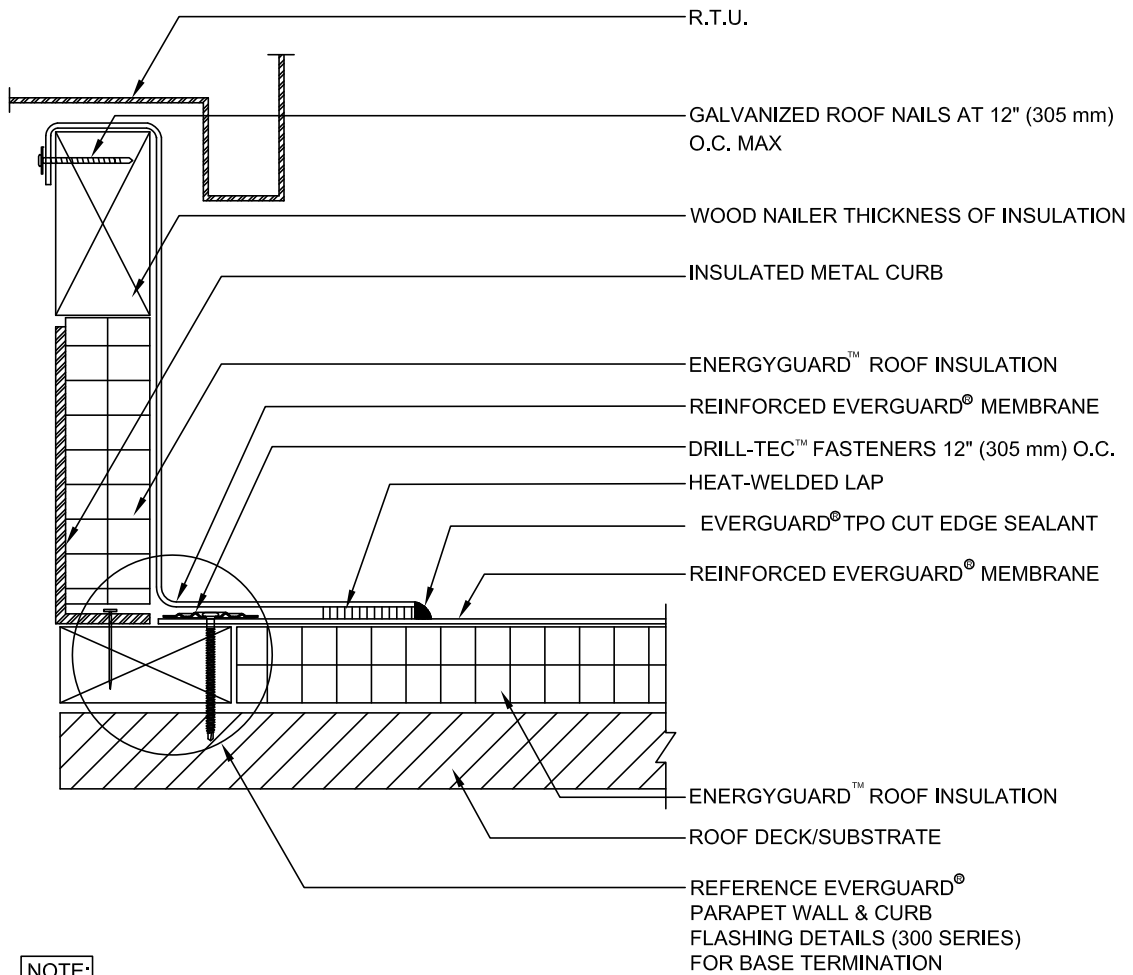
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 EXPANSION JOINT SERIES	DRAWING #	PVC METALASTIC WALL EXPANSION JOINT - CURB TYPE	THIS DETAIL APPLIES TO:
		404C		ALL SYSTEMS
		SCALE	PVC ONLY	REVISION DATE
		N.T.S.		5-25-16

500 Series Roof Penetration Details





Quick access to installation videos and detail drawings for EverGuard® single-ply systems.

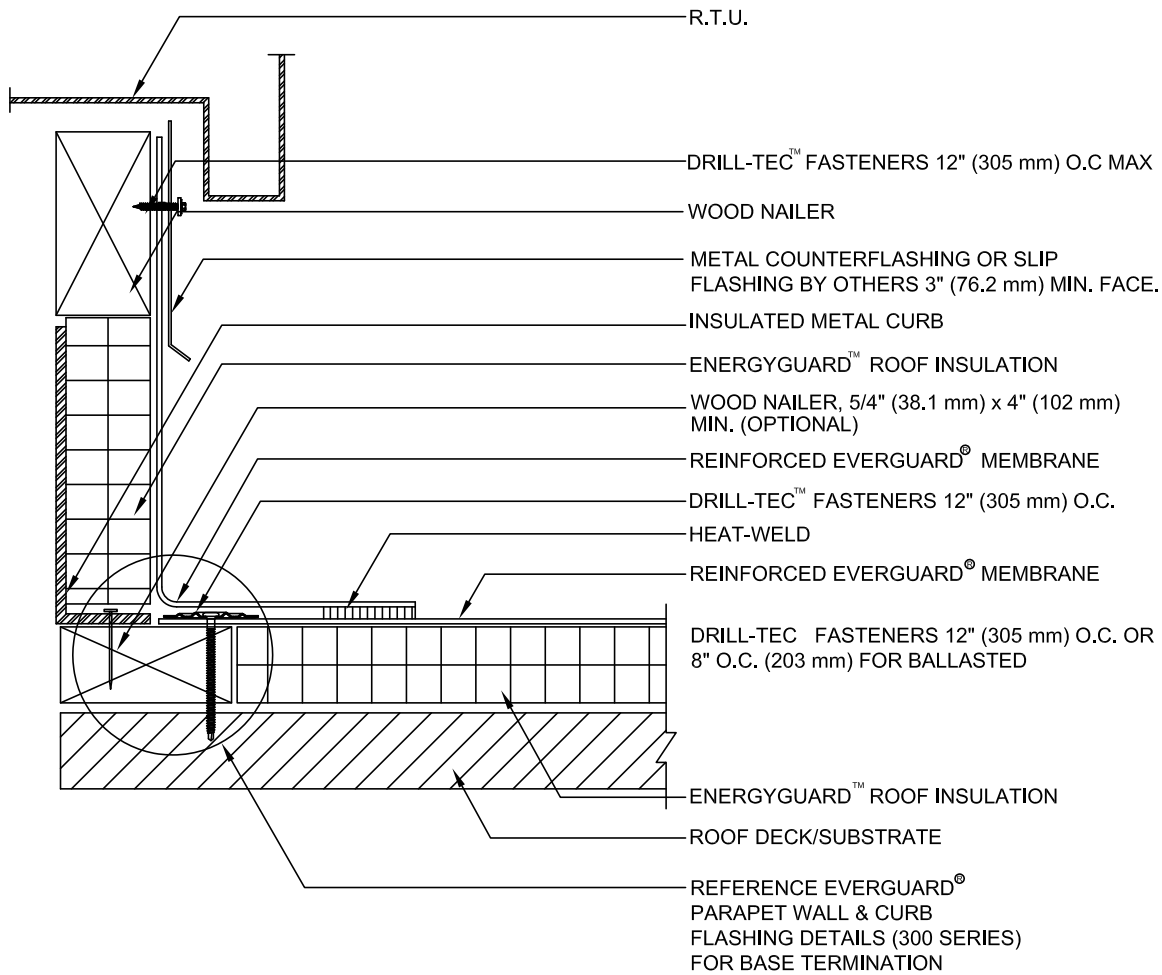
Visit http://www.gaf.com/roofing/commercial/smart_details for further information.



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

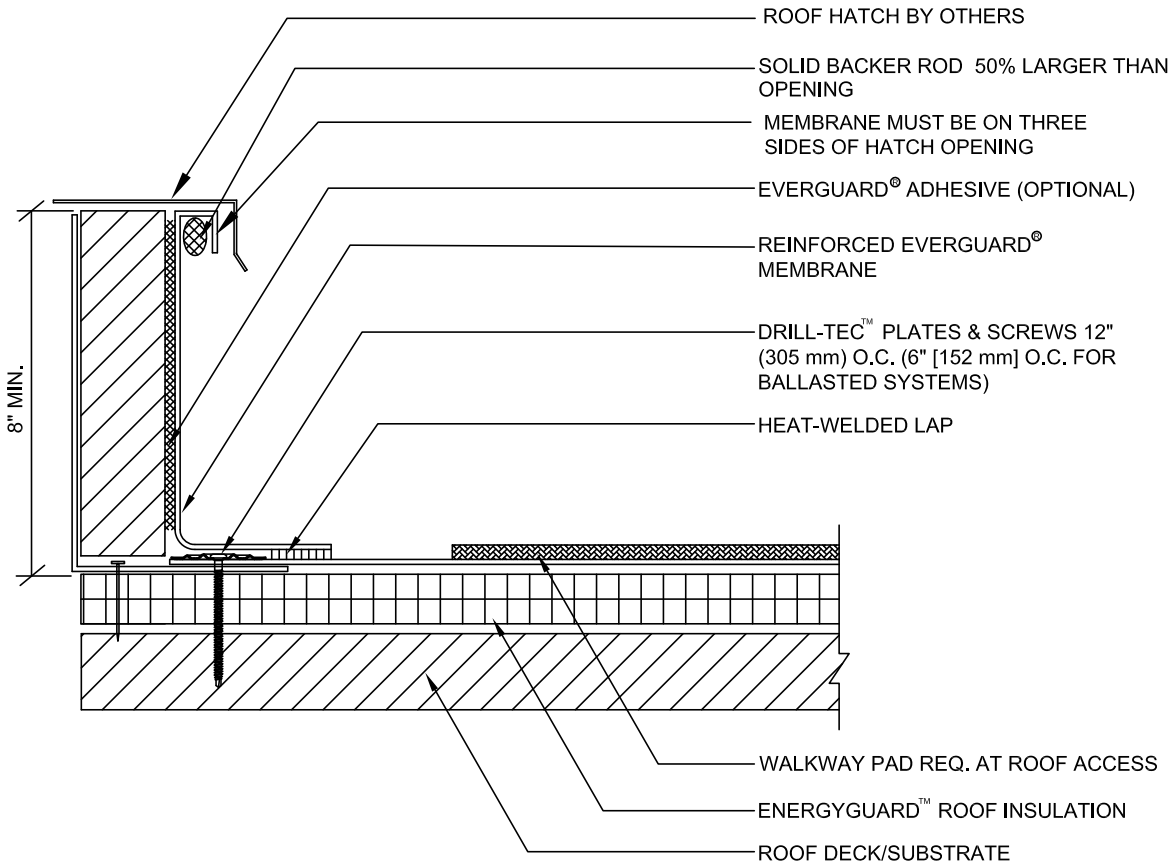
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	TERMINATION AT R.T.U. WITH WELDED LAP DETAIL	THIS DETAIL APPLIES TO:
		503A		SCALE
		N.T.S.		REVISION DATE
				6-21-16



NOTE:



1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED.
2. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
3. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

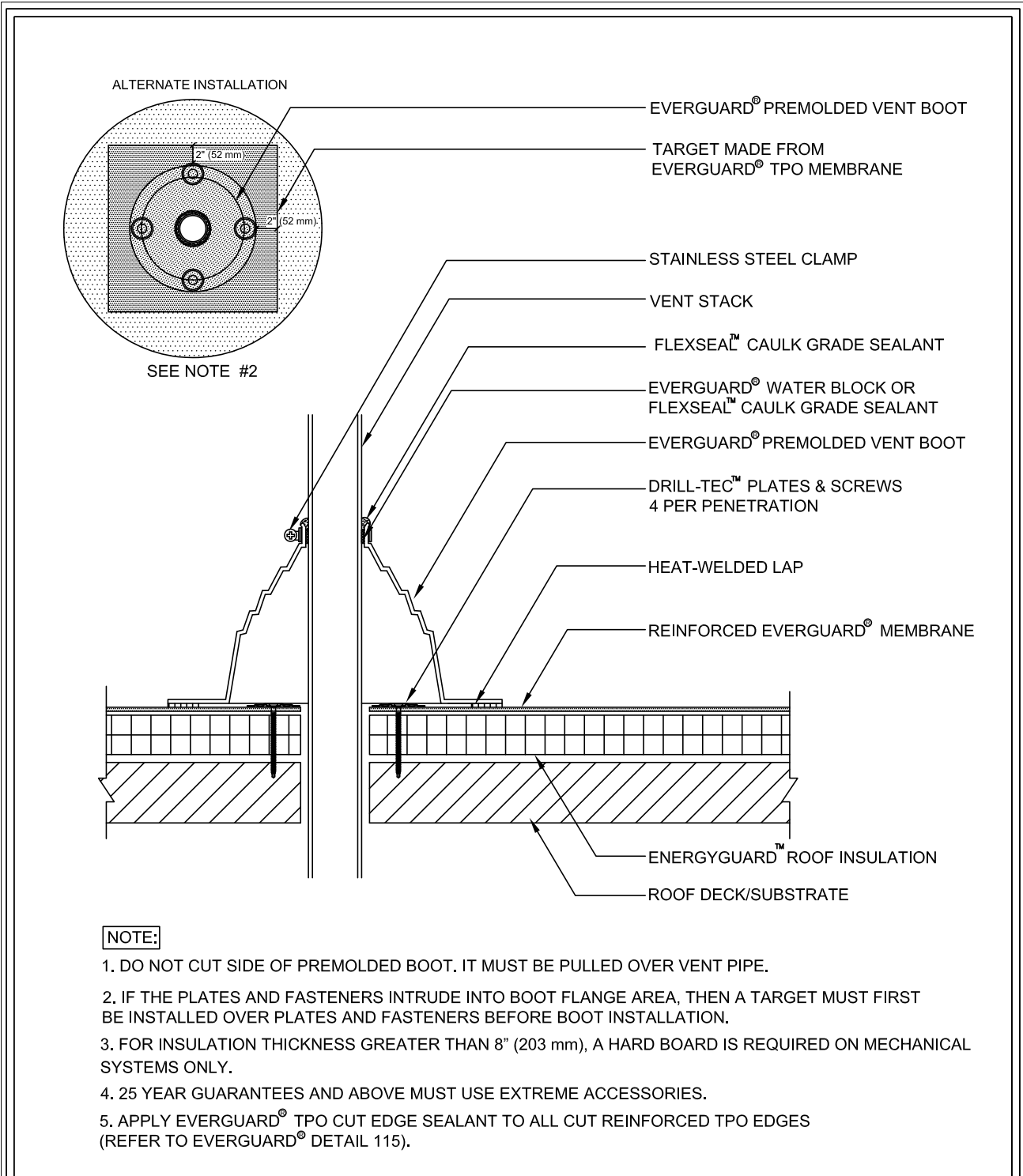
 www.gaf.com 1 Campus Drive Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING #	TERMINATION AT EXISTING R.T.U. WITH COUNTERFLASHING DETAIL	THIS DETAIL APPLIES TO:
		503B		SCALE
		N.T.S.		REVISION DATE 6-21-16





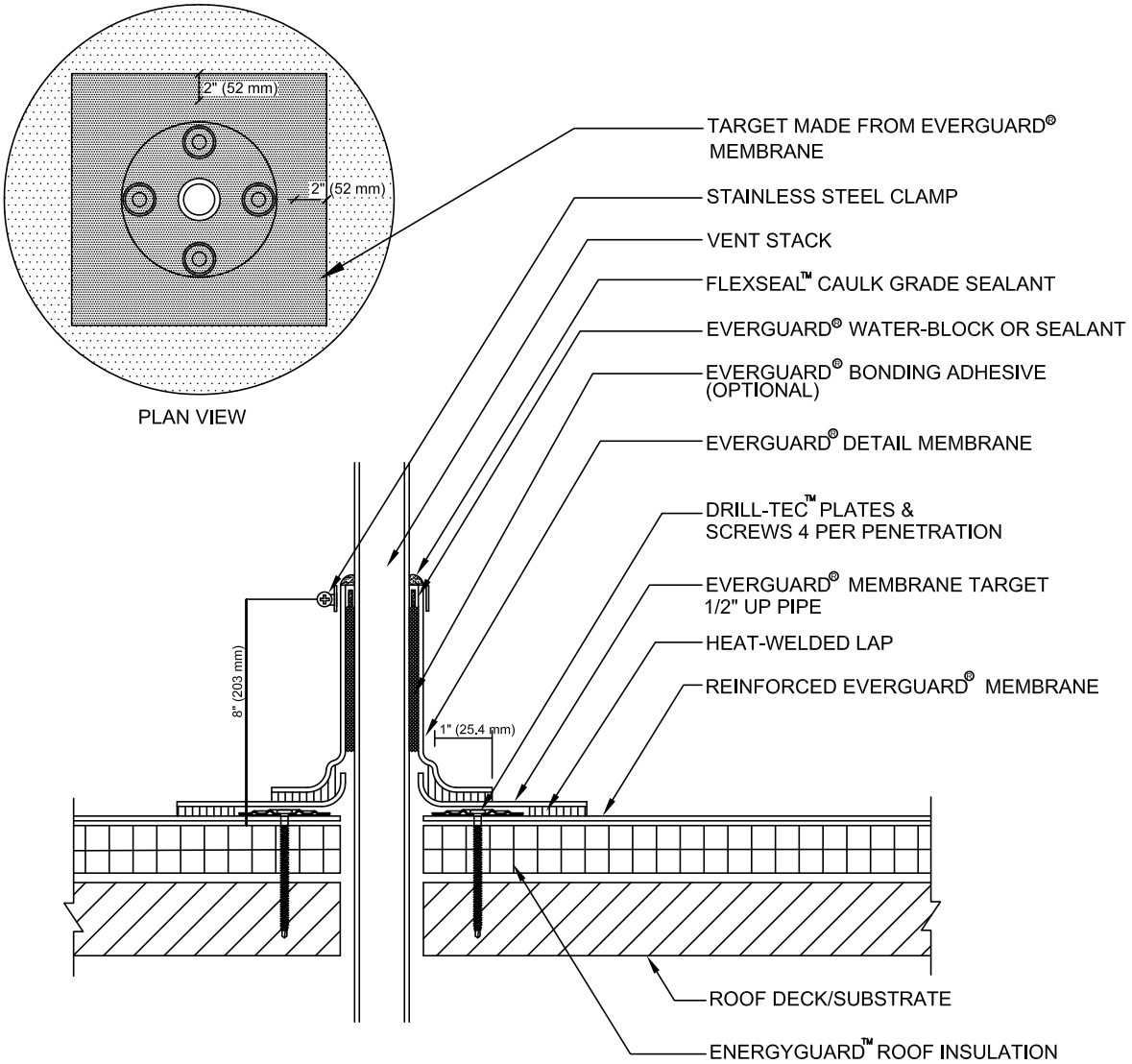
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD® FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	<h2>ROOF HATCH DETAIL</h2>	THIS DETAIL APPLIES TO:
		<h1>505</h1>		ALL SYSTEMS
		SCALE	REVISION DATE	
		N.T.S.	6-21-16	




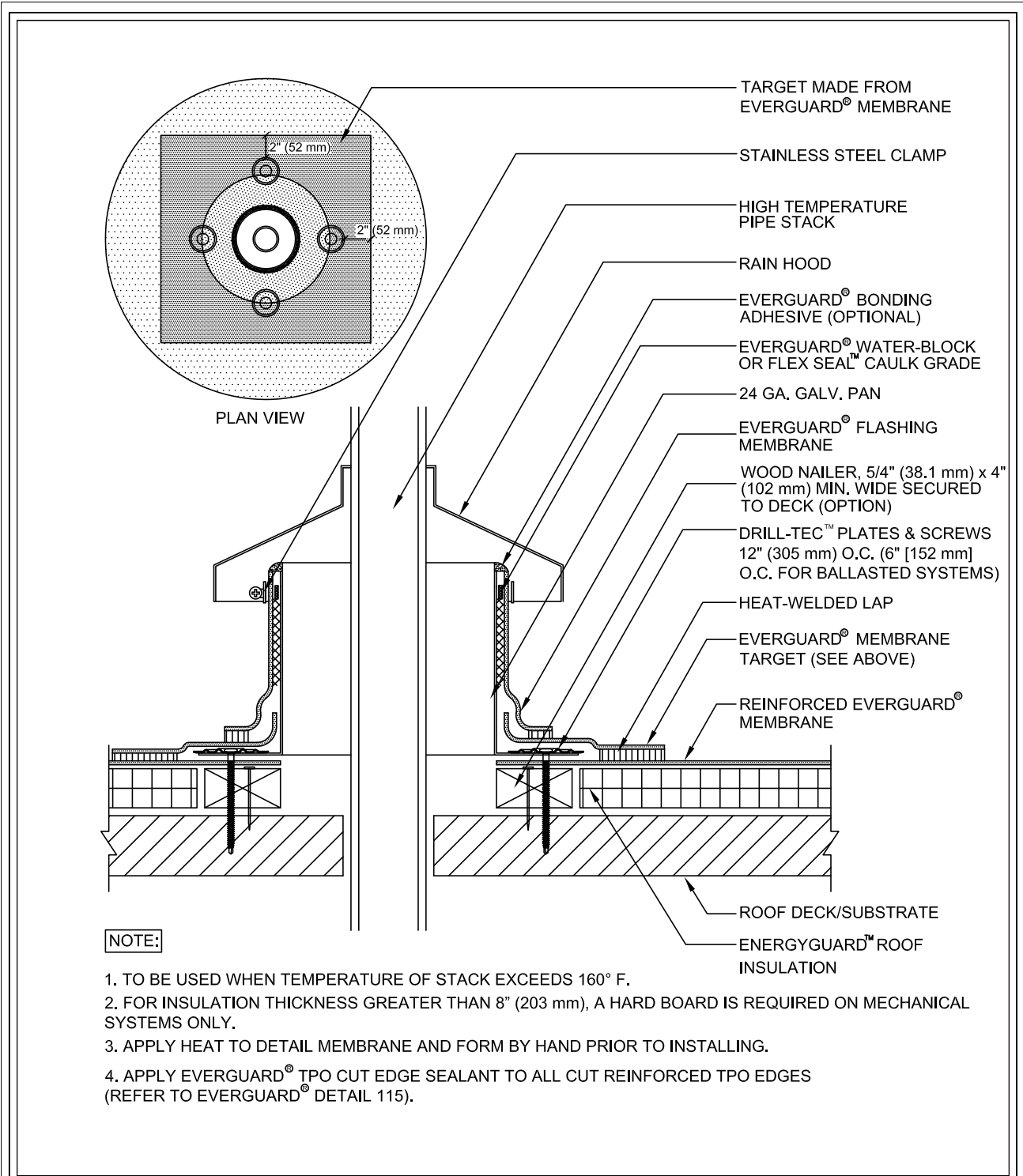
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	PREMOLDED VENT BOOT FLASHING DETAIL	THIS DETAIL APPLIES TO:
		506A		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-26-17





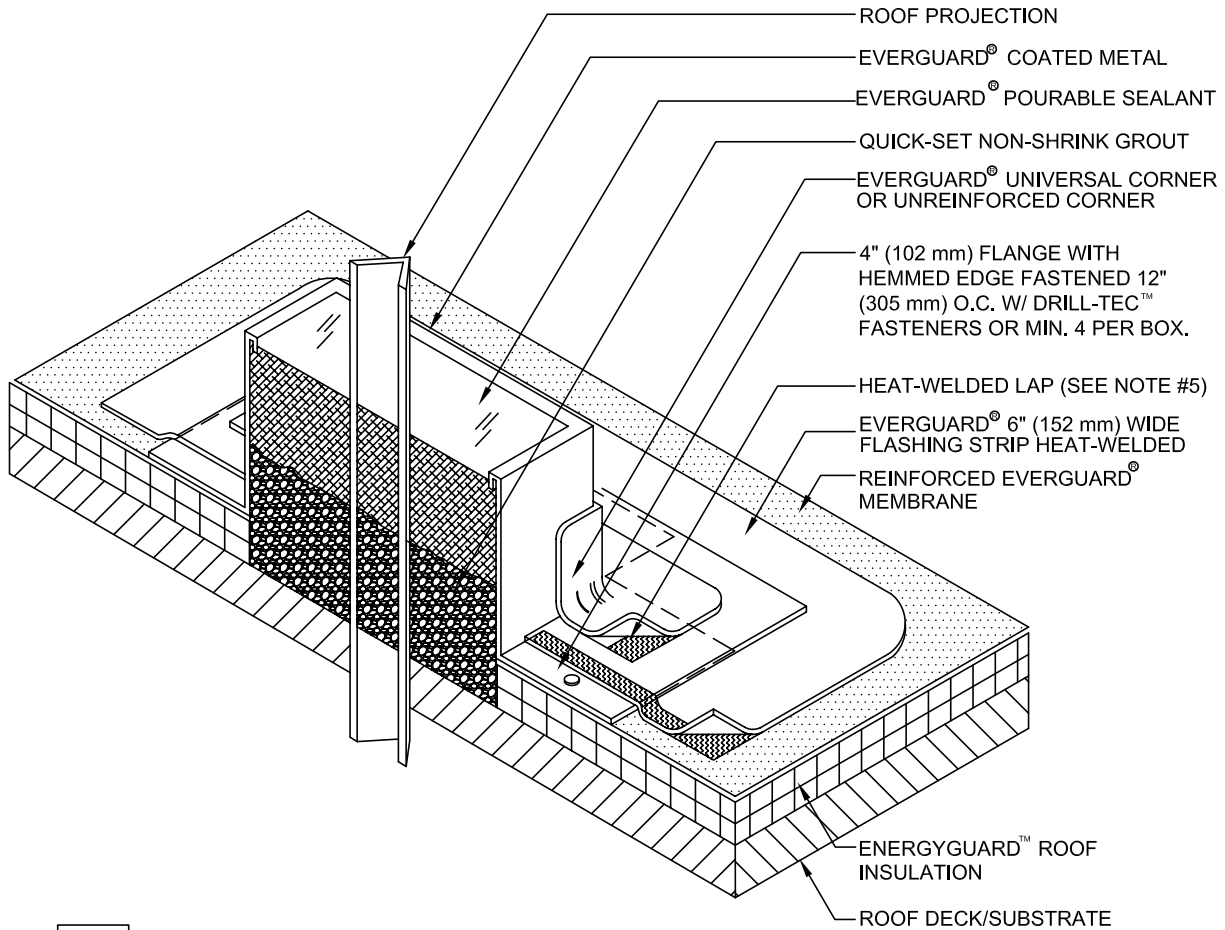
NOTE:

1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. APPLY HEAT TO UNREINFORCED DETAIL MEMBRANE AND FORM BY HAND PRIOR TO HOT AIR WELDING.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING #	507 FIELD-WRAPPED PENETRATION FLASHING DETAIL	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 12-12-17



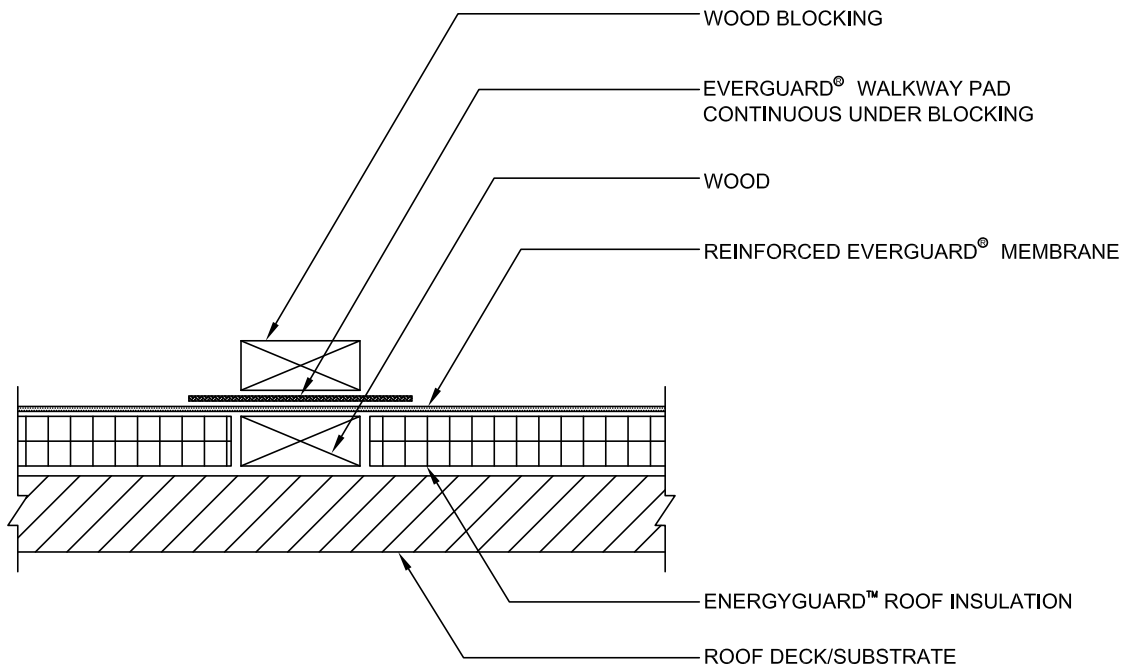
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING #	HIGH TEMPERATURE STACK FLASHING DETAIL	THIS DETAIL APPLIES TO:
		508		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:


1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. BEND EVERGUARD® COATED METAL TO FORM A SEALANT BOX AS SHOWN. STRIP-IN VERTICAL SEAM WHERE BOX IS JOINED TOGETHER.
3. ALLOW 2" (52 mm) CLEARANCE AROUND THE PROJECTION. IF MULTIPLE PROJECTIONS, ALLOW 1" (25.4 mm) BETWEEN PROJECTION AND BOX.
4. INSIDE SURFACE OF EVERGUARD® COATED METAL SEALANT BOX (BARE METAL SIDE) MUST BE CLEAN AND DRY BEFORE SEALANT IS APPLIED.
5. EXISTING PROJECTION MUST BE CLEANED AND FREE OF ANY INSULATING MATERIALS.
6. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
7. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

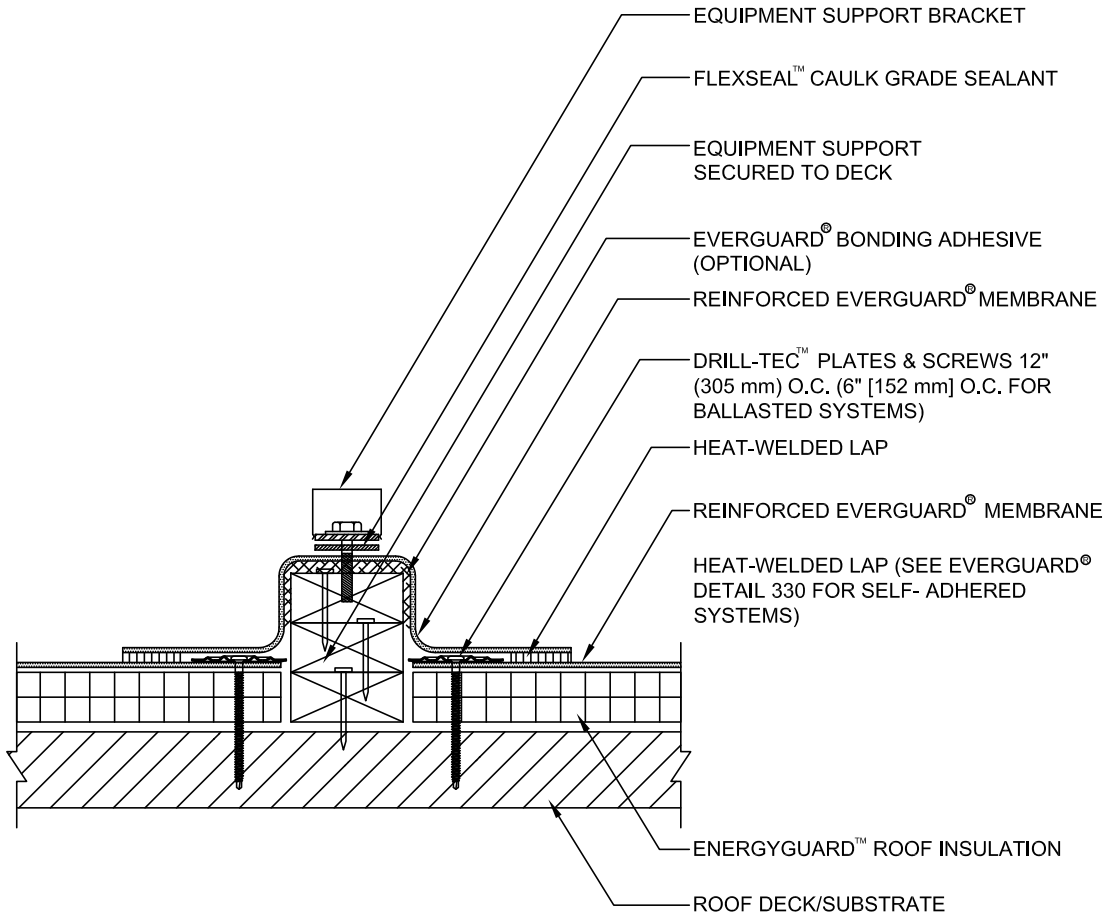
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	COATED METAL SEALANT BOX PENETRATION FLASHING	THIS DETAIL APPLIES TO:
		509		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:



1. IF THE INSULATION COMPRESSIVE STRENGTH IS INSUFFICIENT FOR THE EQUIPMENT WEIGHT, INSTALL WOOD UNDER THE EQUIPMENT CARRYING SLEEPER, MATCHING THE HEIGHT OF THE INSULATION.

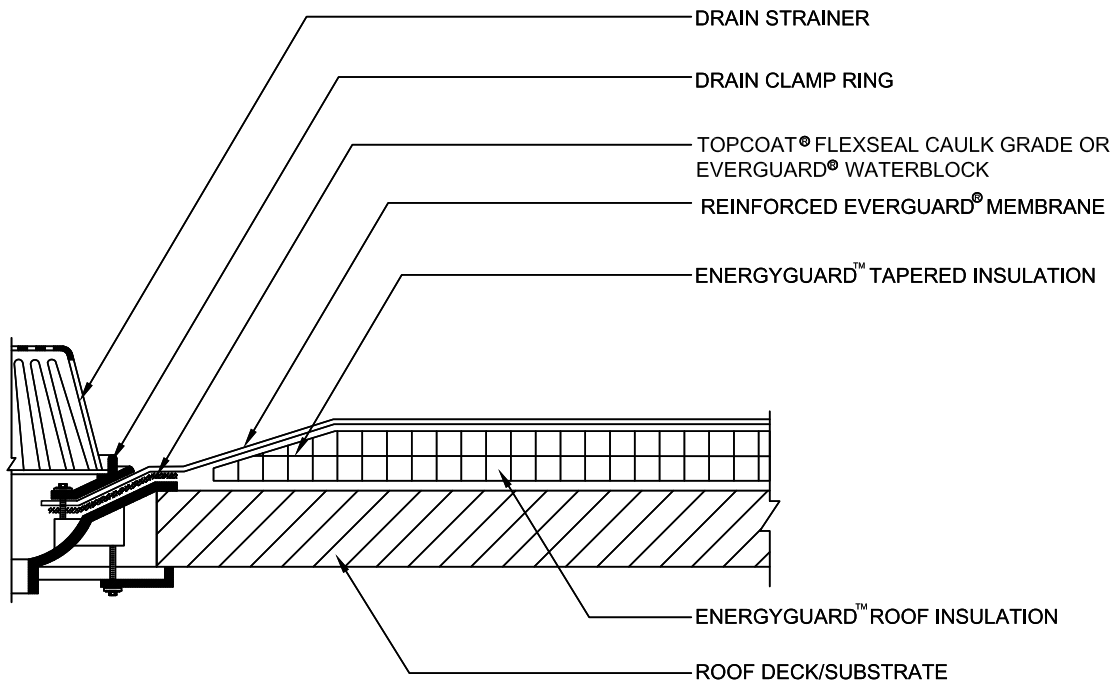
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	EXPOSED WOOD EQUIPMENT SUPPORT SLEEPER DETAIL	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems TriPose Systems
		511		
		SCALE	5-26-16	
		N.T.S.		



NOTE:


1. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

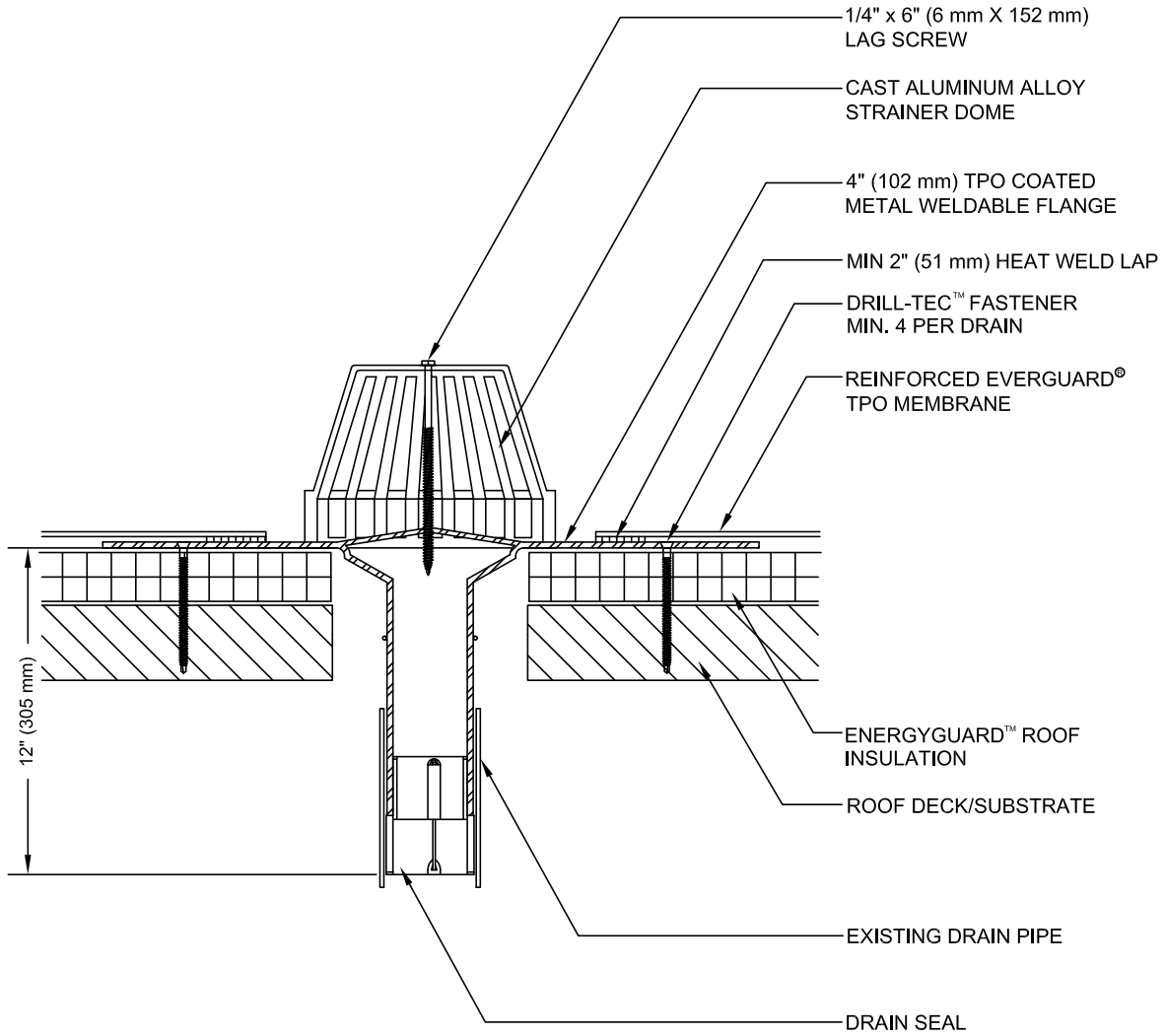
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	CONCEALED WOOD EQUIPMENT SUPPORT DETAIL	THIS DETAIL APPLIES TO:
		512		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-21-16



NOTE:

1. A FIELD WELD CANNOT PASS WITHIN 9" (227 mm) OF THE CLAMPING, OR WITHIN THE DRAIN SUMP ITSELF.
2. MEMBRANE MUST EXTEND MINIMUM 1" (25.4 mm) BEYOND THE BOLT HOLES. THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
3. TAPERED INSULATION TO CREATE A ROOF SUMP MINIMUM 36" (0.914 m) x 36" (0.914 m) IN SIZE. (IF APPLICABLE).
4. USE ONE FULL TUBE OF FLEXSEAL™ CAULK GRADE SEALANT OR EVERGUARD WATER BLOCK PER DRAIN.
5. ASPHALT OR STONE PAVER MUST STOP AT DRAIN TAPER.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	DRAIN -STANDARD ROOF DRAIN FLASHING DETAIL	THIS DETAIL APPLIES TO:
		513		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-21-16



NOTE:

1. EXISTING DRAIN PIPE SHALL BE CLEAN OF ALL DEBRIS THROUGH THE LENGTH OF THE TUBE TO ENSURE PROPER SEAL.
2. EVERGUARD® PRE FABRICATED DRAIN CAN ONLY TO BE USED AS A RETROFIT DRAIN.
3. REFER TO PRODUCT APPLICATION INSTRUCTIONS FOR DRAIN PIPE SECUREMENT.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EverGuard
 SINGLE-PLY ROOFING SYSTEMS
 ROOF PENETRATION
 SERIES

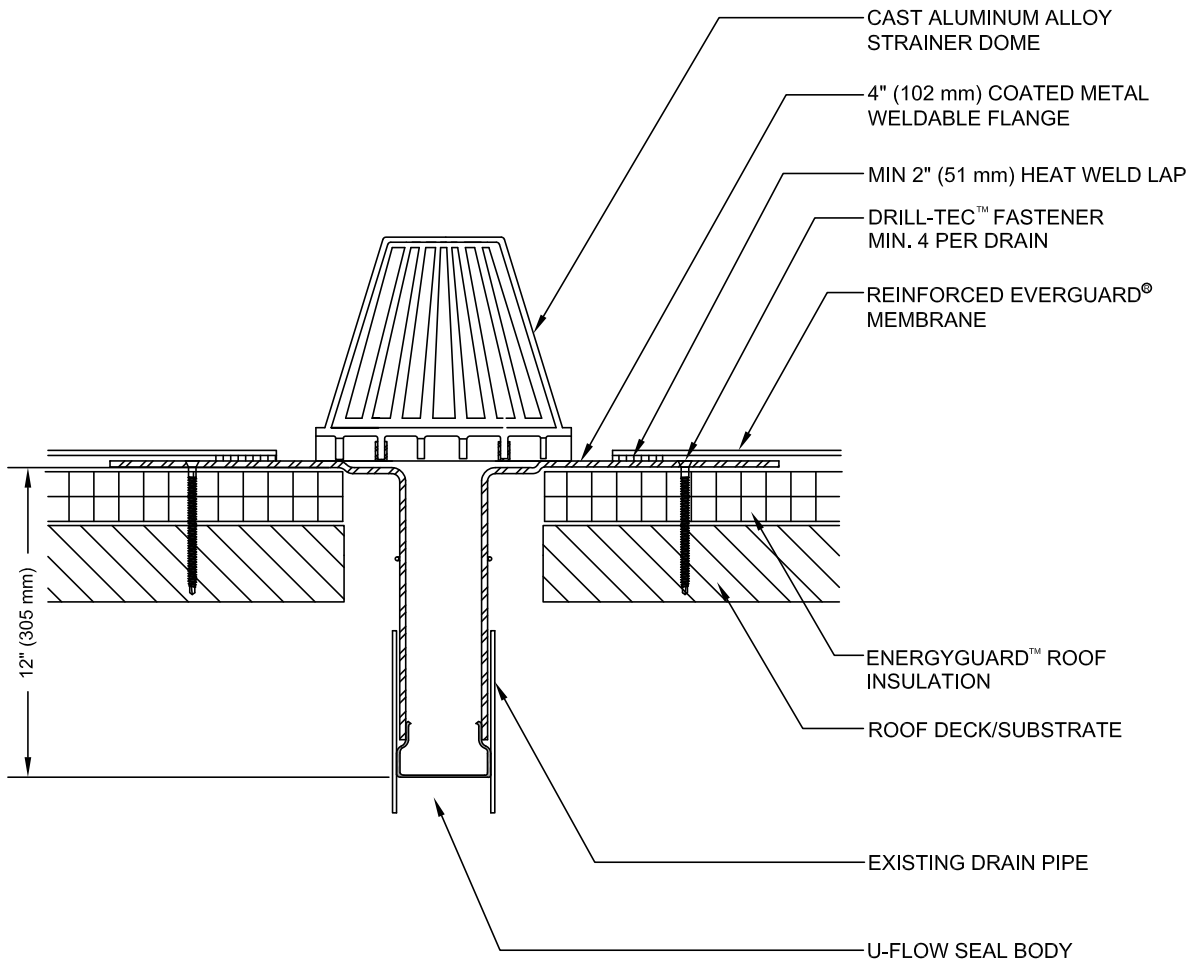
DRAWING #
514

SCALE
 N.T.S.

**DRAIN - EVERGUARD TPO
 COATED DRAIN DETAIL**



THIS DETAIL APPLIES TO:
ALL SYSTEMS

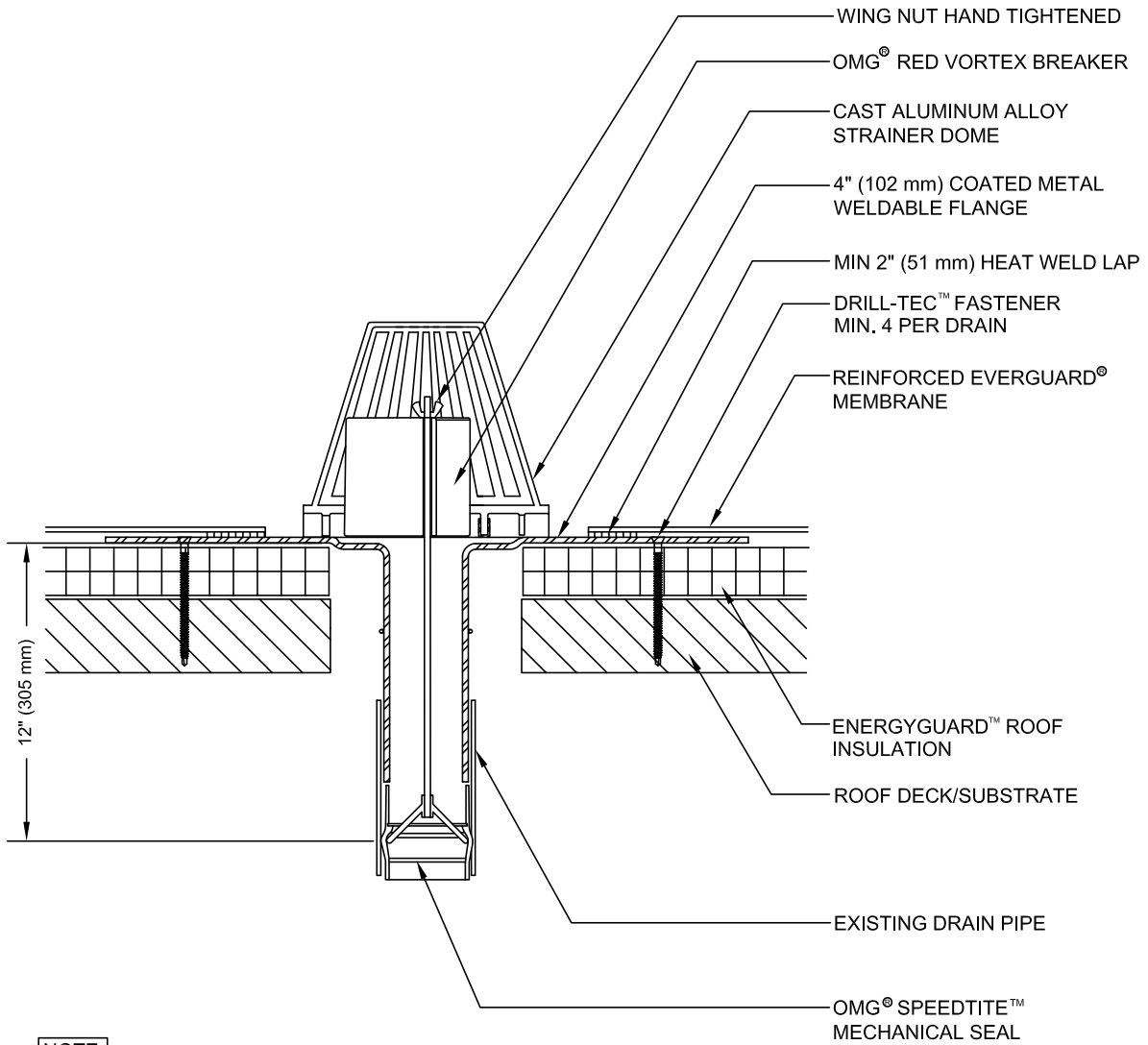
REVISION DATE
 12-12-17



NOTE:



1. EXISTING DRAIN PIPE SHALL BE CLEAN OF ALL DEBRIS THROUGH THE LENGTH OF THE TUBE TO ENSURE PROPER SEAL.
2. HERCULES® RETRODRAIN CAN ONLY TO BE USED AS A RETROFIT DRAIN.
3. REFER TO PRODUCT APPLICATION INSTRUCTIONS FOR DRAIN PIPE SECUREMENT.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

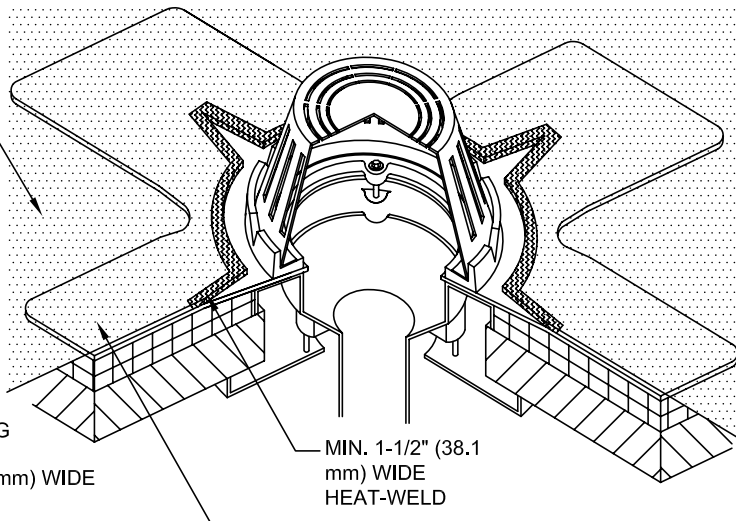
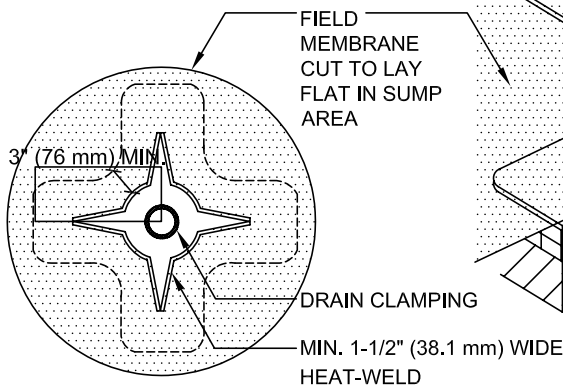
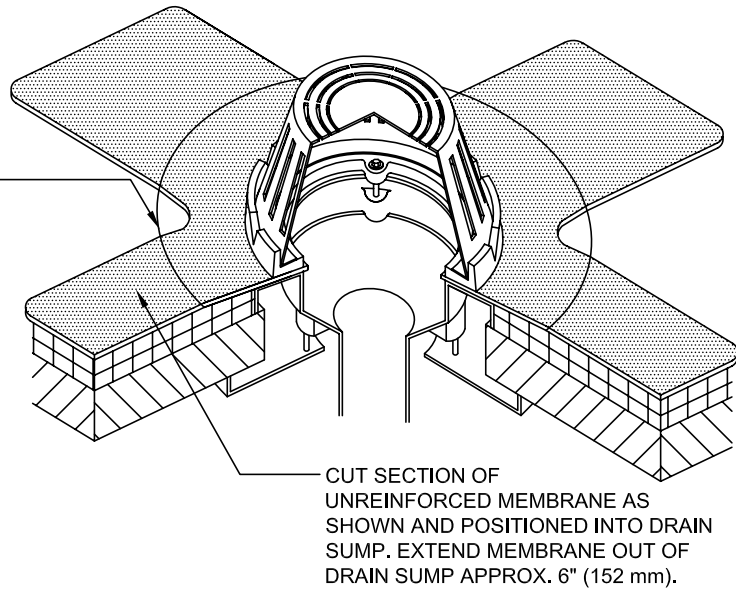
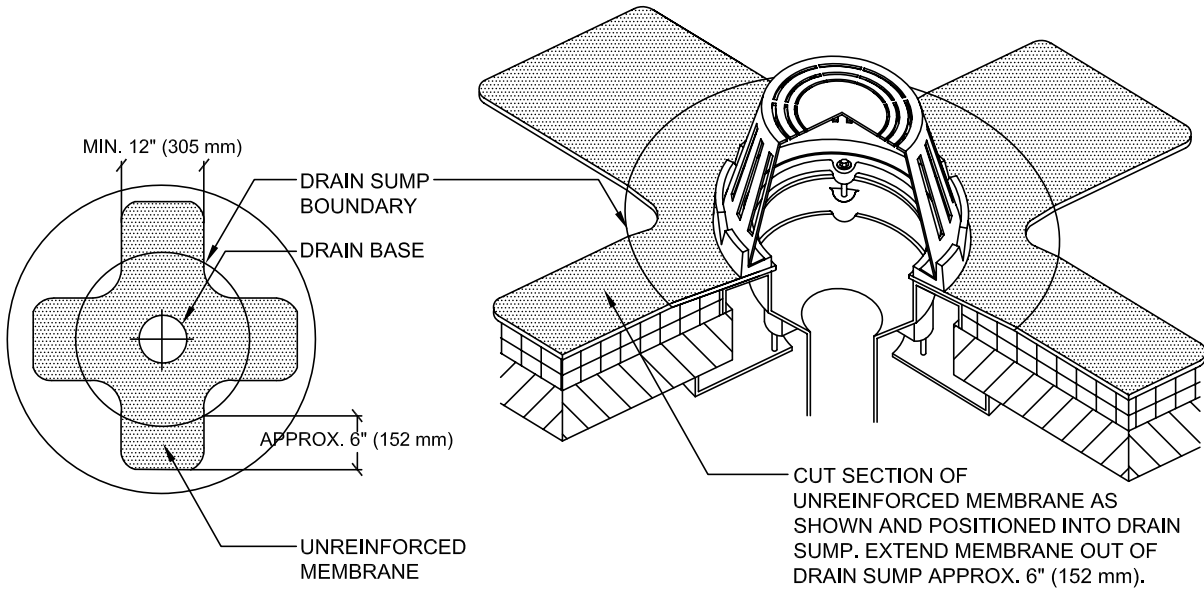
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	DRAIN - HERCULES® COATED METAL DRAIN DETAIL	THIS DETAIL APPLIES TO:
		515		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:

1. EXISTING DRAIN PIPE SHALL BE CLEAN OF ALL DEBRIS THE LENGTH OF THE TUBE TO ENSURE PROPER SEAL.
2. OMG® SPEEDTITE™ DRAIN CAN ONLY BE USED AS A RETROFIT DRAIN.
3. REFER TO PRODUCT APPLICATION INSTRUCTION FOR DRAIN PIPE SECUREMENT.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	DRAIN - OMG® SPEEDTITE™ COATED METAL DRAIN DETAIL	THIS DETAIL APPLIES TO:
		516		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17

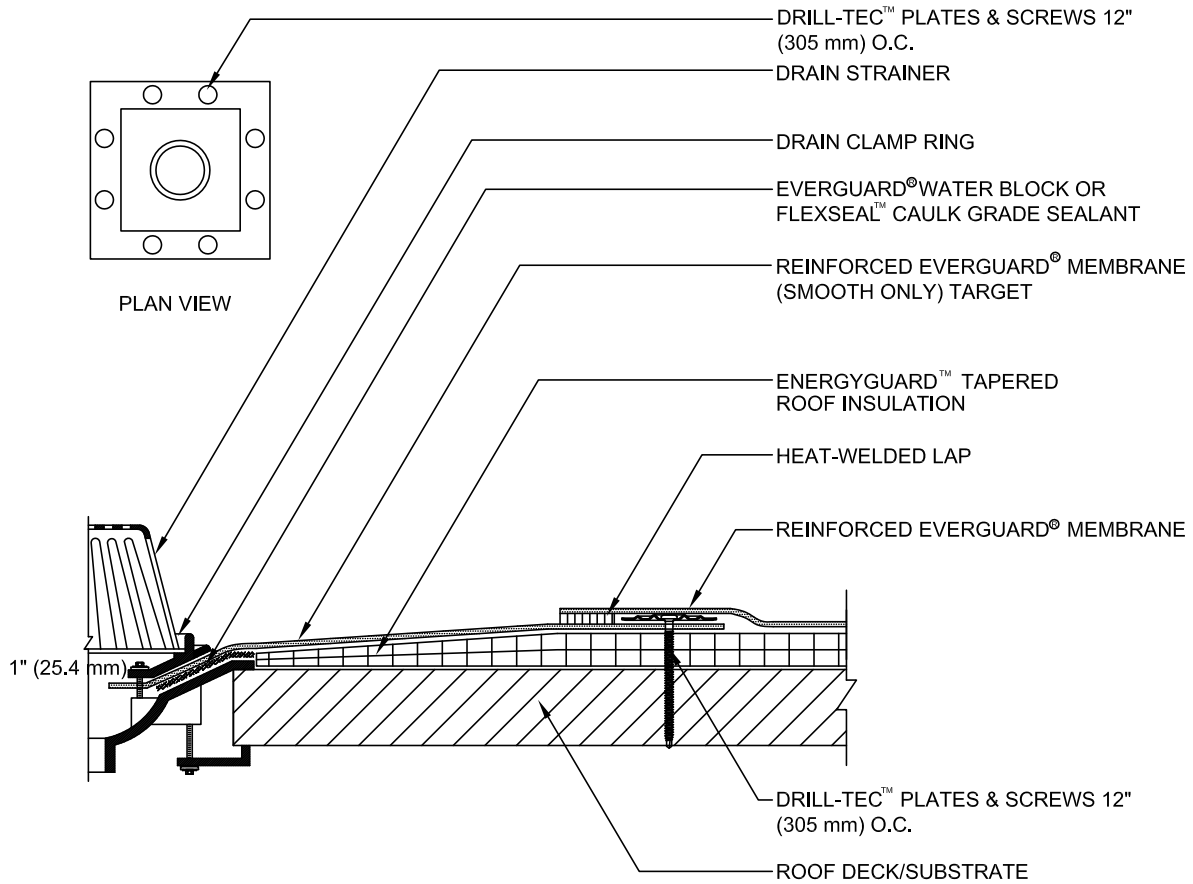


NOTE:

1. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).



EXTEND REINFORCED EVERGUARD® MEMBRANE ONTO MEMBRANE SECTION POSITIONED AT DRAIN SUMP AND CUT AS SHOWN TO LAY FLAT IN SUMP. HOT AIR WELD A MIN. OF 2" (52 mm) COMPLETELY SURROUNDING AREA.

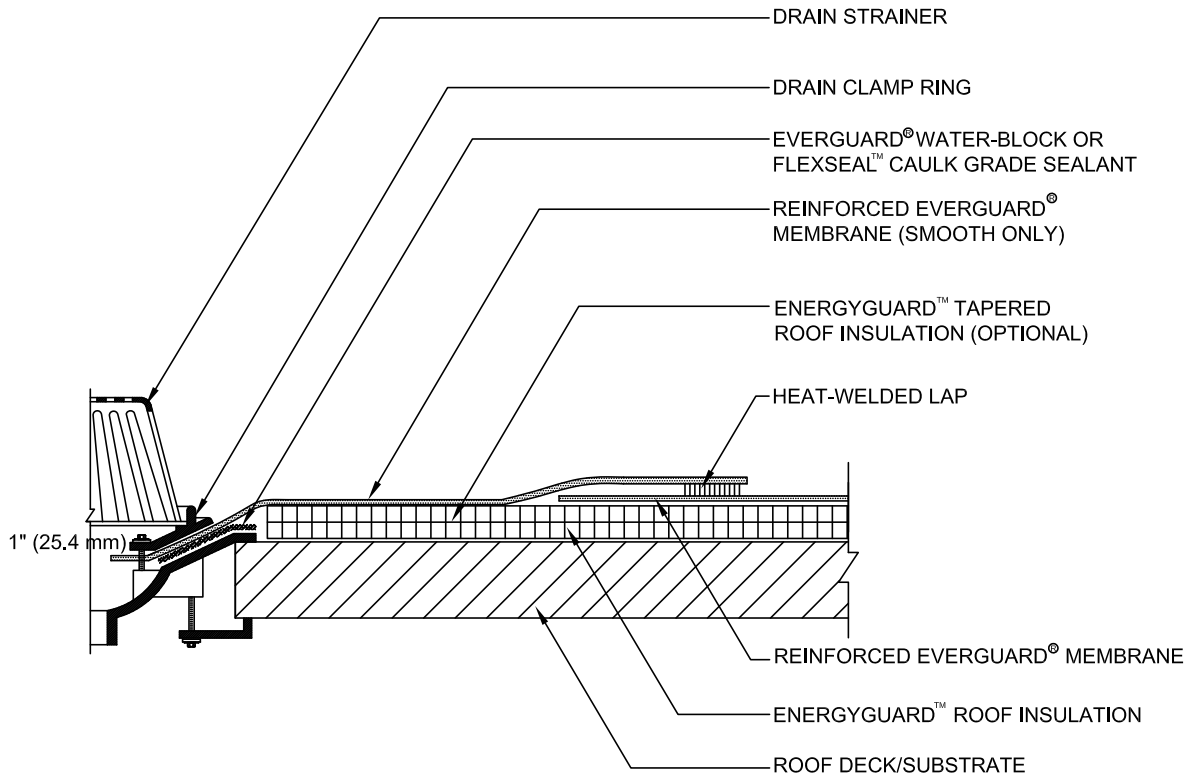
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	518	DRAIN- SEVERE SUMP TARGET	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems TriPosite Systems
		SCALE			



NOTE:



1. A FIELD WELD CANNOT PASS WITHIN 9" (229 mm) OF THE CLAMPING, OR WITHIN THE DRAIN SUMP ITSELF.
2. MEMBRANE MUST EXTEND MINIMUM 1" (25.4 mm) BEYOND THE BOLT HOLES; THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
3. TAPER INSULATION TO CREATE A ROOF SUMP MINIMUM 36" x 36" (0.914 m x 0.914 m) IN SIZE (OPTIONAL).
4. IF ASPHALT OR ASPHALTIC PRODUCT IS PRESENT, STOP AT BEGINNING OF SUMP AND FLASH WITH SMOOTH TPO.
5. DO NOT RUN SEPARATION SHEET INTO BOWL AREA IF USED IN SYSTEM.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

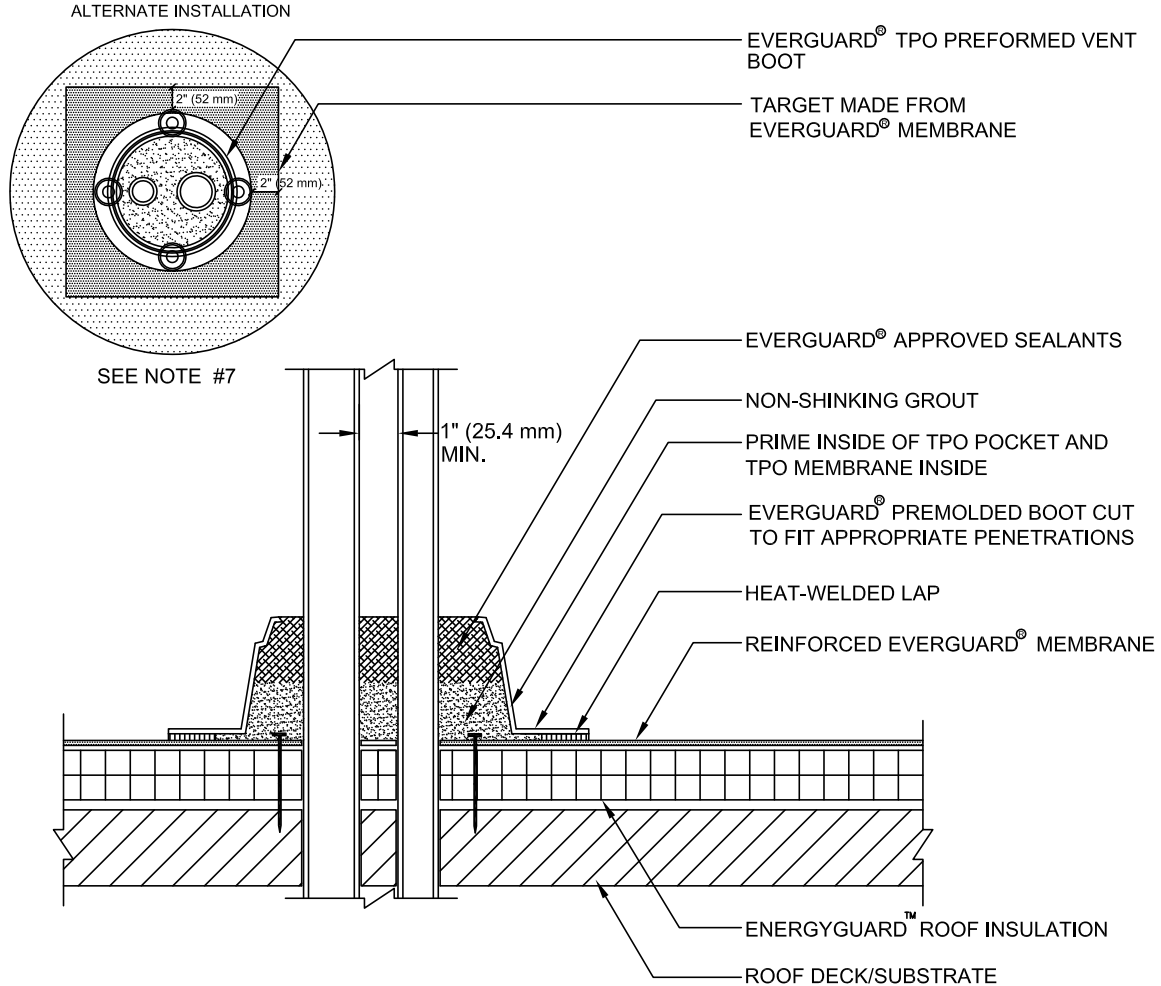
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	<h2>DRAIN - PRE TARGET</h2>	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Self-Adhered Systems Heat-Weld Only Mechanically Attached Systems TriPosite Systems
		519		
		SCALE		6-22-16
		N.T.S.		



NOTE:



1. A FIELD WELD CANNOT PASS WITHIN 9" (229 mm) OF THE CLAMPING, OR WITHIN THE DRAIN SUMP ITSELF.
2. MEMBRANE MUST EXTEND MINIMUM 1" (25.4 mm) BEYOND THE BOLT HOLES; THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
3. TAPER INSULATION TO CREATE A ROOF SUMP MINIMUM 36" x 36" (0.914 m x 0.914 m) IN SIZE (OPTIONAL).
4. DO NOT RUN SEPARATION SHEET INTO BOWL AREA IF USED IN SYSTEM.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

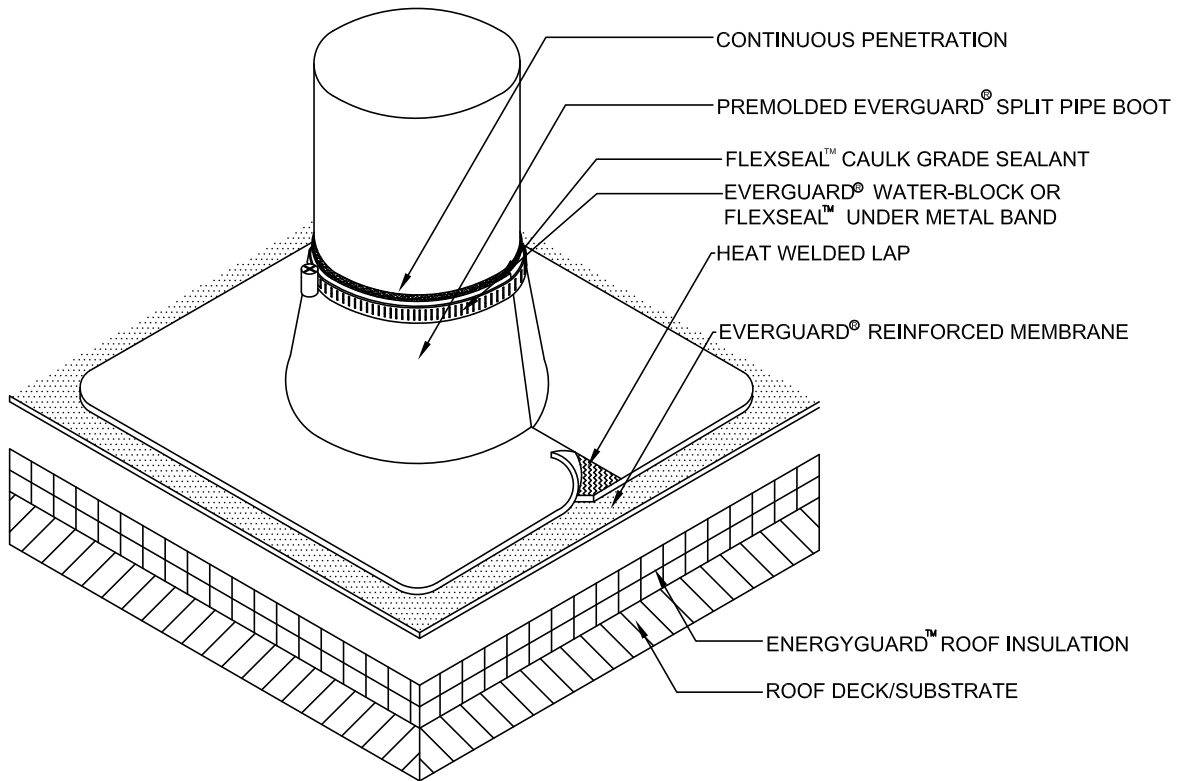
 www.gaf.com 1 Campus Drive. Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	DRAIN - POST TARGET	THIS DETAIL APPLIES TO:
		520		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-22-16



NOTE:



1. EXISTING PROJECTION MUST BE CLEANED AND FREE OF INSULATING MATERIALS .
2. DO NOT USE OVER EXISTING PENETRATION POCKETS.
3. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 140°F (60°C).
4. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
5. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
6. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

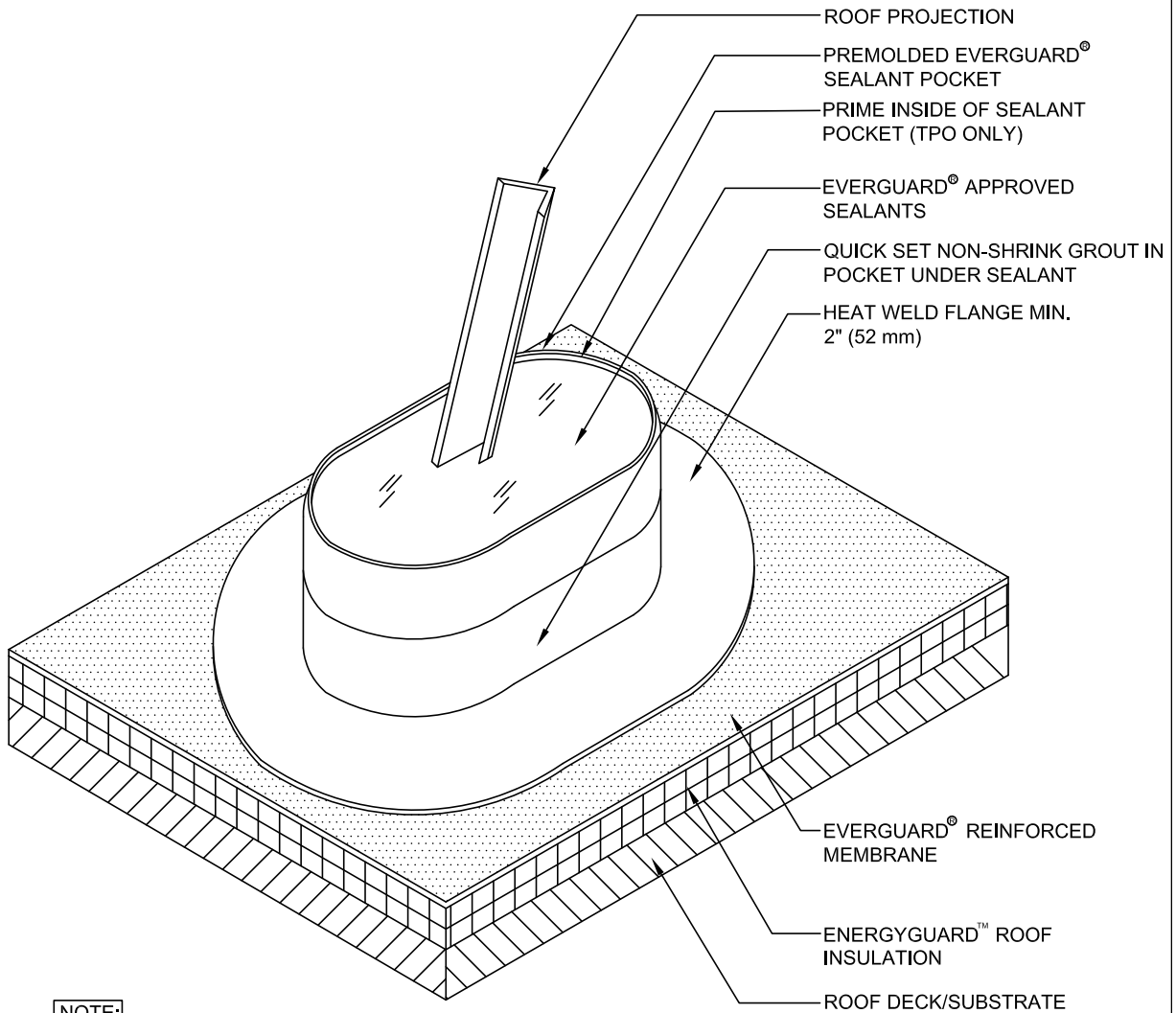
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	PREFORMED PENETRATION FLASHING DETAIL	THIS DETAIL APPLIES TO:
		522		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		6-22-16



NOTE:



1. FOUR DRILL-TEC™ PLATES & SCREWS AROUND PENETRATION.
2. IF PLATES AND FASTENERS ENCR OACH INTO THE SEAM AREA OF THE POCKET, THEN A TARGET MUST BE ADDED FIRST TO COVER FASTENERS.
3. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

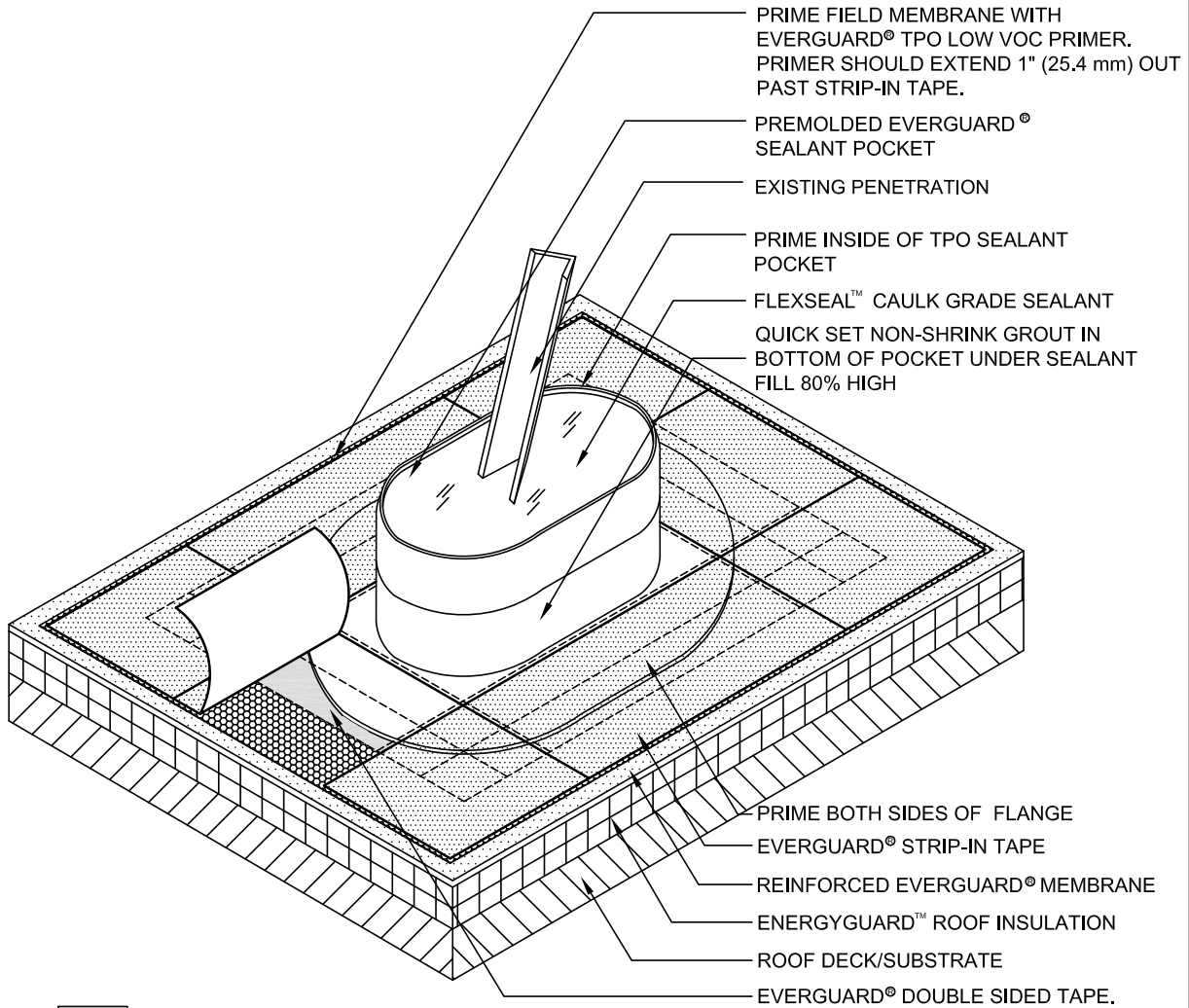
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	<h2>SPLIT PIPE BOOT DETAIL</h2>	THIS DETAIL APPLIES TO:
		524		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17



NOTE:



1. ALLOW 2" (52 mm) CLEARANCE AROUND THE PROJECTION. IF MULTIPLE PROJECTIONS, ALLOW 1" (25.4 mm) BETWEEN PROJECTION AND POCKET.
2. THE EXISTING PROJECTION MUST BE CLEAN OF ALL DEBRIS BEFORE INSTALLATION.
3. FOUR DRILL-TEC™ PLATES & SCREWS INSERTED AROUND PENETRATION.
4. EVERGUARD® POURABLE SEALER POCKET MUST BE PRIMED WITH EVERGUARD® TPO PRIMER. (TPO ONLY)
5. IF SEALANT POCKET MUST BE CUT, STRIP IN CUT WITH UNREINFORCED TPO OR PVC STRIP MIN 4" (102 mm) WIDE AND RUN OUT ONTO DECK SHEET MINIMUM 2" (52 mm).
6. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES. (TPO ONLY)
7. IF PLATES AND FASTENERS ENCROACH INTO THE SEAM AREA OF THE POCKET, THEN A TARGET MUST BE ADDED FIRST TO COVER FASTENERS.

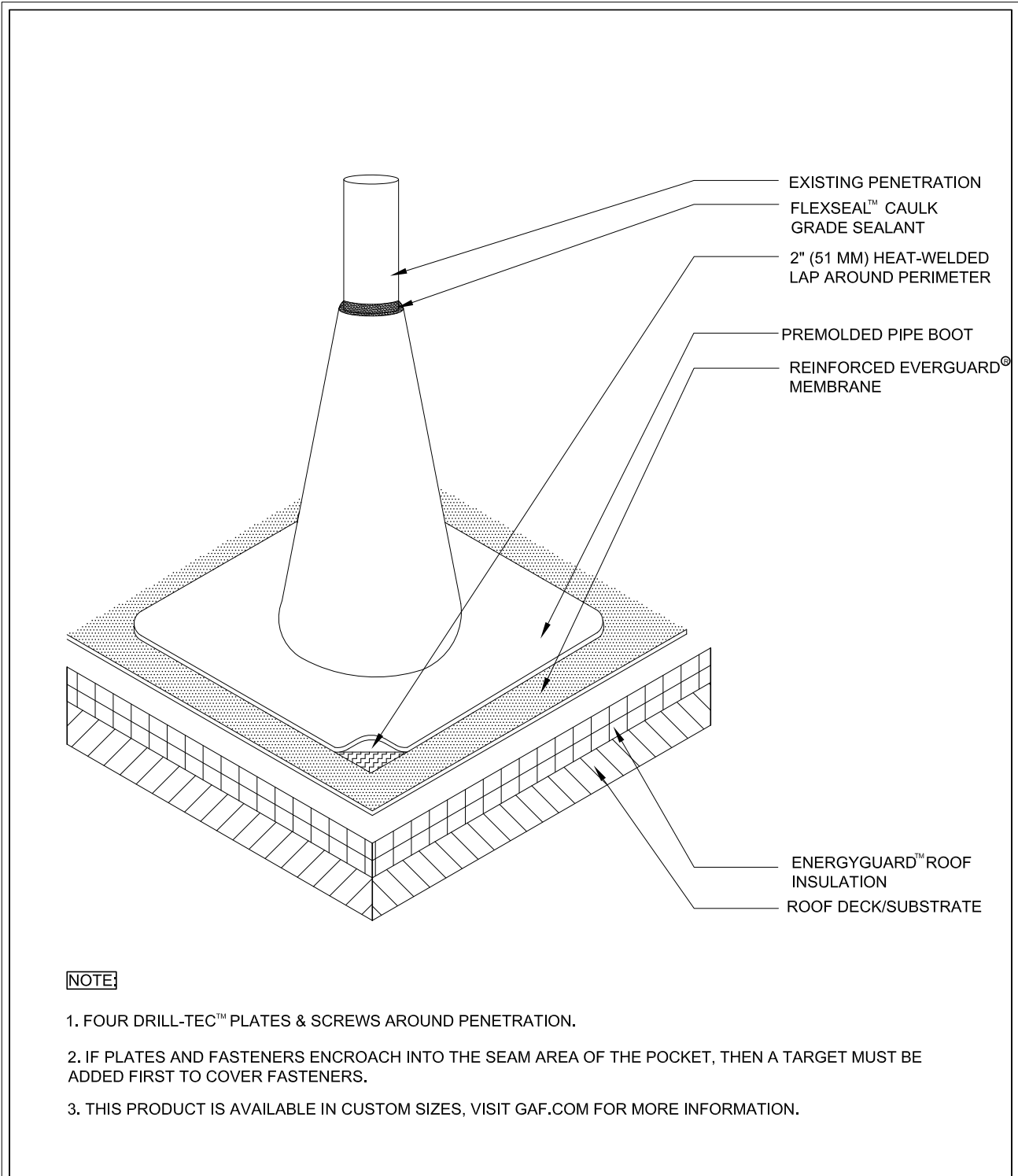
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	525A POURABLE SEALANT POCKET DETAIL	THIS DETAIL APPLIES TO:	ALL SYSTEMS
		SCALE	N.T.S.	REVISION DATE	12-12-17





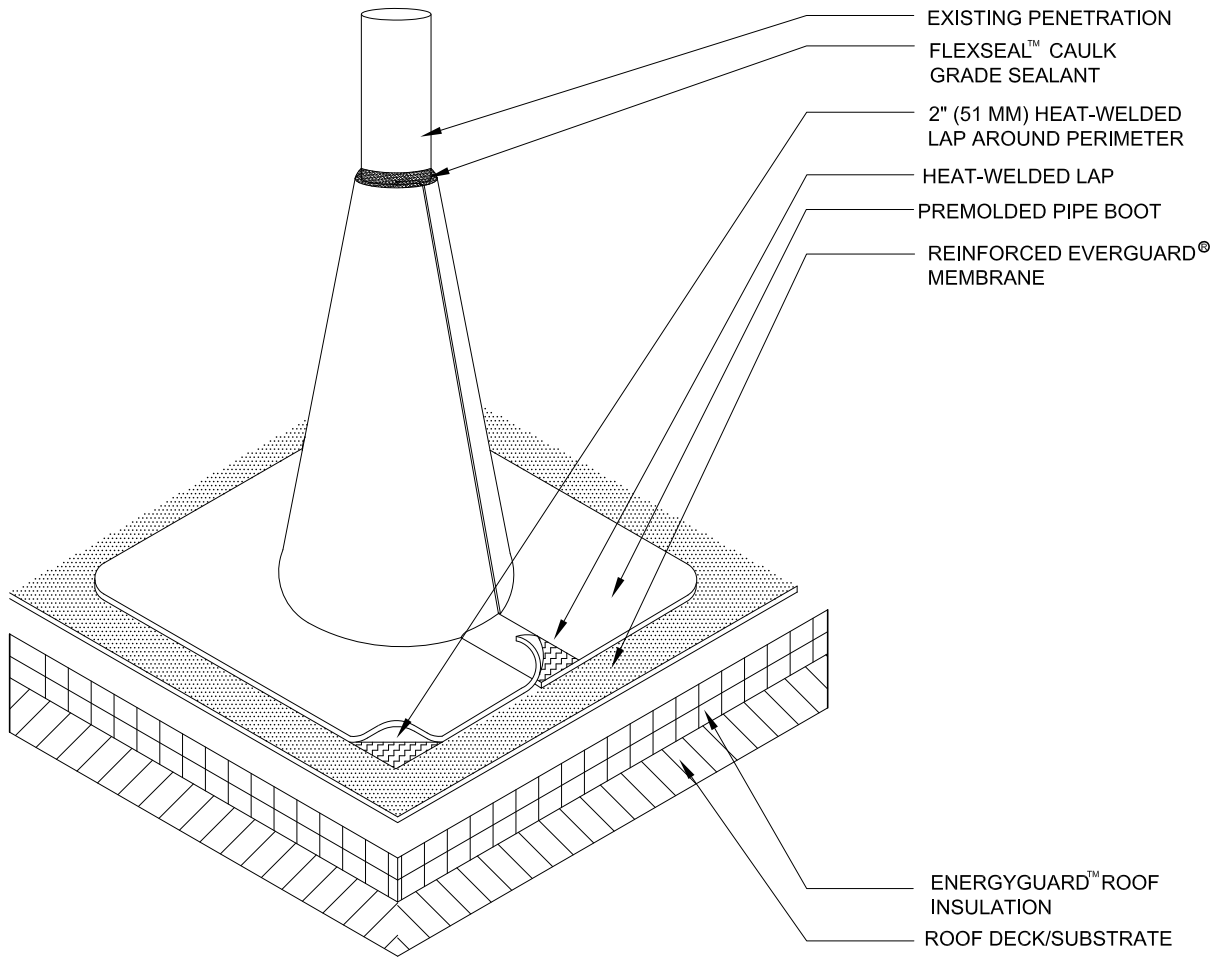
NOTE:

1. ALLOW 2" (52 mm) CLEARANCE AROUND THE PROJECTION. IF MULTIPLE PROJECTIONS, ALLOW 1" (25.4 mm) BETWEEN PROJECTION AND BOX.
2. THE EXISTING PROJECTION MUST BE CLEAN OF ALL DEBRIS BEFORE INSTALLATION.
3. EVERGUARD® POURABLE SEALANT POCKET MUST BE PRIMED WITH EVERGUARD® TPO PRIMER.
4. APPLY FLEXSEAL™ CAULK GRADE SEALANT TO ALL EVERGUARD® STRIP-IN TAPE EDGES.
5. MEMBRANE MUST BE PRIMED AND DRY PRIOR TO APPLYING EVERGUARD® DOUBLE SIDED TAPE.
6. IF PENETRATION POCKET IS TO BE CUT CLEAN, PRIME AND ADD EVERGUARD® DOUBLE SIDED TAPE THEN STRIP-IN WITH EVERGUARD® STRIP-IN TAPE.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	525B POURABLE SEALER POCKET DETAIL	THIS DETAIL APPLIES TO:
		SCALE		RapidSeam™ Systems
		N.T.S.		REVISION DATE 10-3-17





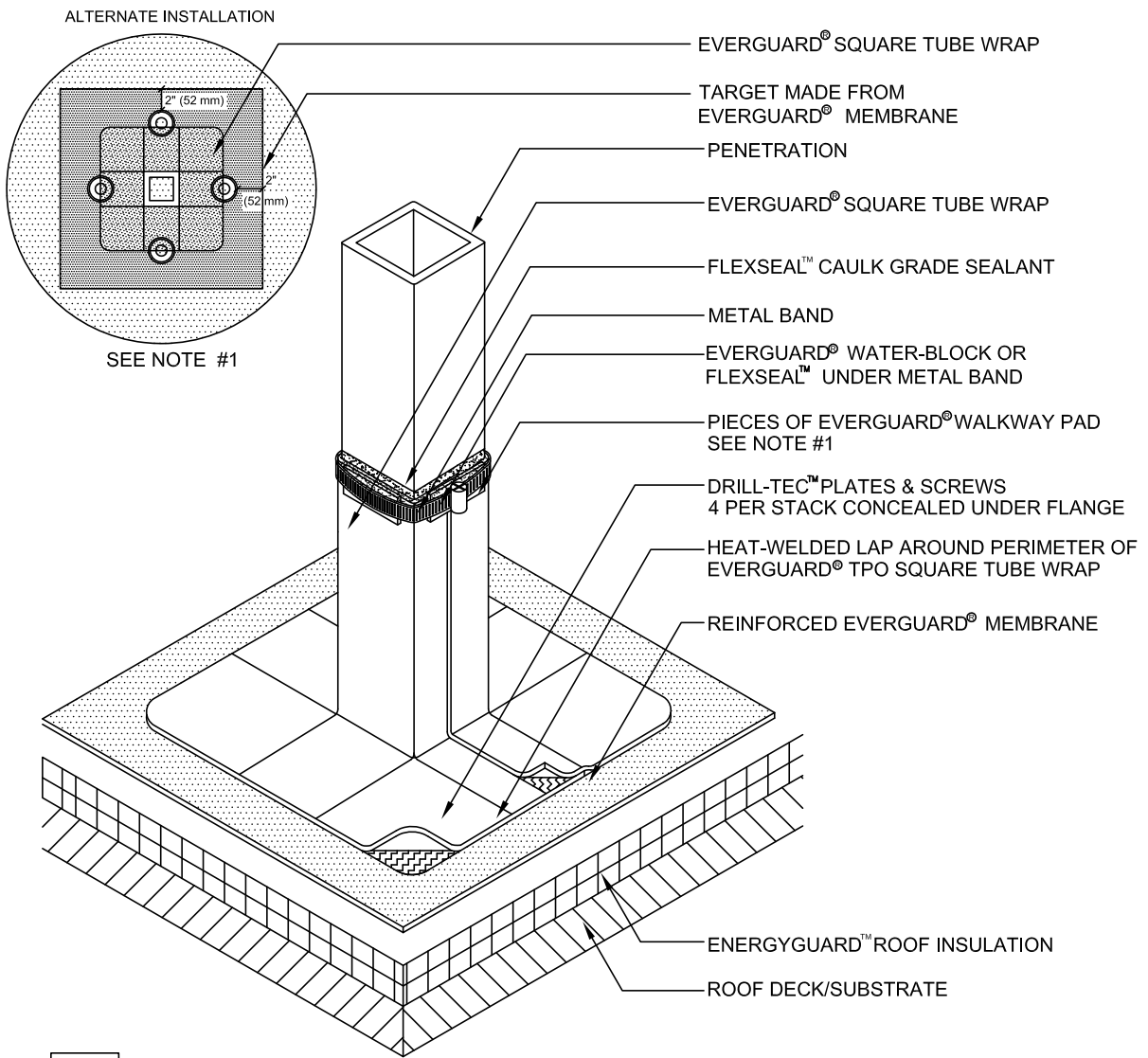
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	NON-SPLIT CONICAL PIPE BOOT	DRAWING # 526A	SYSTEM ALL SYSTEMS
		PVC ONLY	SCALE N.T.S.	ISSUE/ REVISION DATE 10-3-17



NOTE:



1. FOUR DRILL-TEC™ PLATES & SCREWS AROUND PENETRATION.
2. IF PLATES AND FASTENERS ENCR OACH INTO THE SEAM AREA OF THE POCKET, THEN A TARGET MUST BE ADDED FIRST TO COVER FASTENERS.
3. THIS PRODUCT IS AVAILABLE IN CUSTOM SIZES, VISIT GAF.COM FOR MORE INFORMATION.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	SPLIT CONICAL PIPE BOOT	DRAWING # 526B	SYSTEM ALL SYSTEMS
		PVC ONLY	SCALE N.T.S.	ISSUE/ REVISION DATE 10-3-17

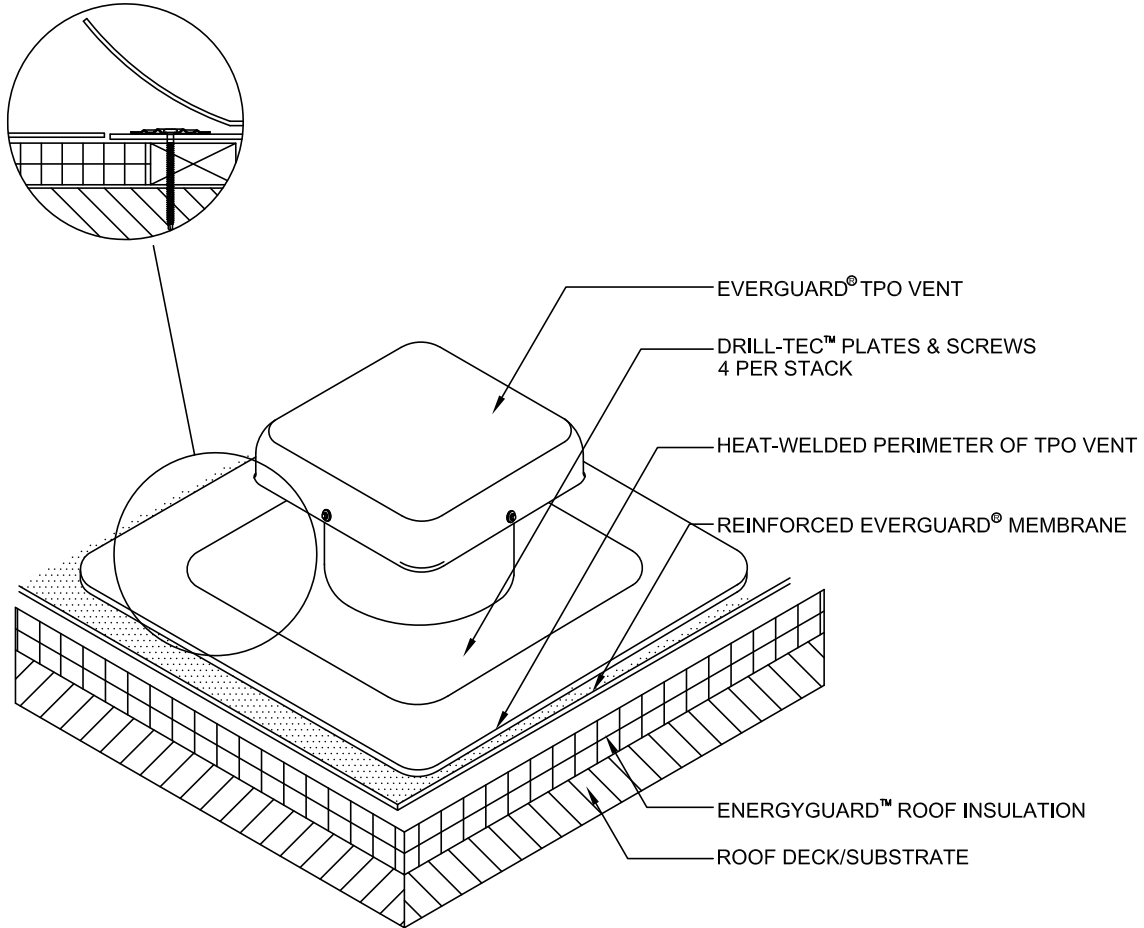


NOTE:

1. IF A TIGHTER FIT IS REQUIRED AT THE TOP OF THE WRAP, INSERT SLIVERS OF WALKWAY PAD BETWEEN THE BAND AND THE MEMBRANE ON ALL FOUR SIDES.
2. IF PLATES AND FASTENERS ENCR OACH INTO THE SEAM AREA OF THE POCKET, THEN A TARGET MUST BE ADDED FIRST TO COVER FASTENERS.
3. 25 YEAR GUARANTEES AND ABOVE MUST USE EXTREME ACCESSORIES.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING #	SQUARE TUBE WRAP DETAIL	THIS DETAIL APPLIES TO:
		527		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-12-17

VENT NOT TO BE USED TO VENT MOISTURE FROM ROOF.

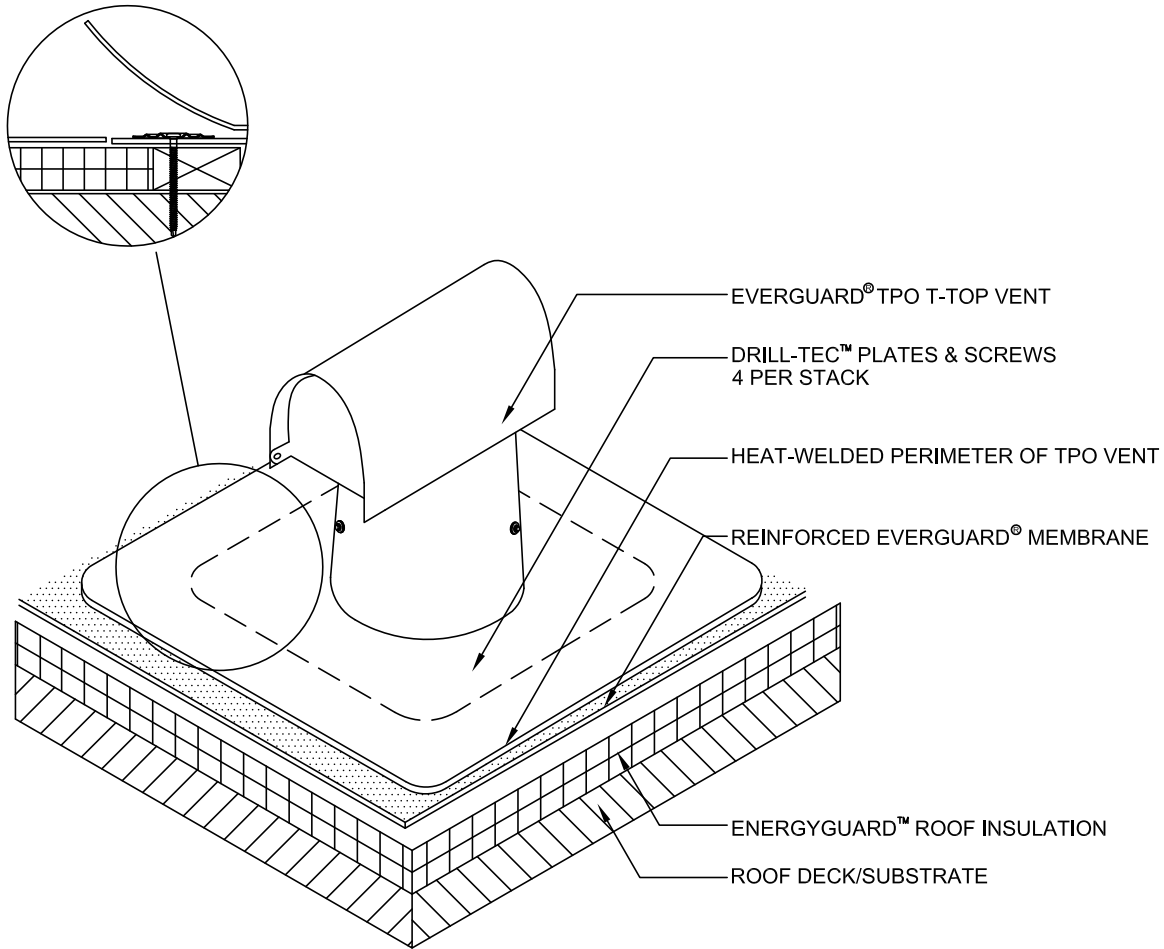


NOTE:

1. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING # 528	TPO VENT DETAIL	THIS DETAIL APPLIES TO: ALL SYSEMS
		SCALE N.T.S.	TPO ONLY	REVISION DATE 10-3-17

VENT NOT TO BE USED TO VENT MOISTURE FROM ROOF.



NOTE:

1. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

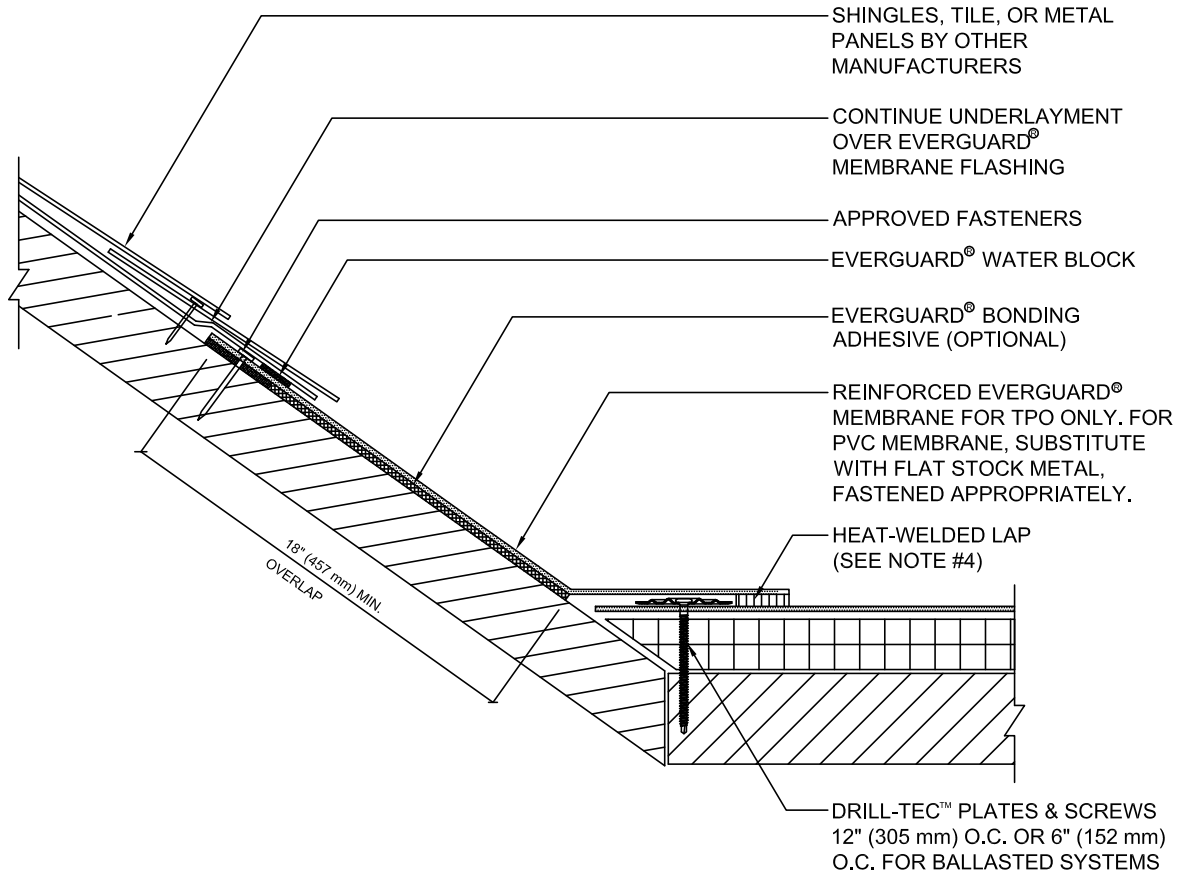
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS FIELD OF ROOF SERIES	DRAWING #	TPO T-TOP VENT DETAIL	THIS DETAIL APPLIES TO:
		530		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		10-3-17

600 Series Special Construction Details



Quick access to installation videos and detail drawings for EverGuard® single-ply systems.

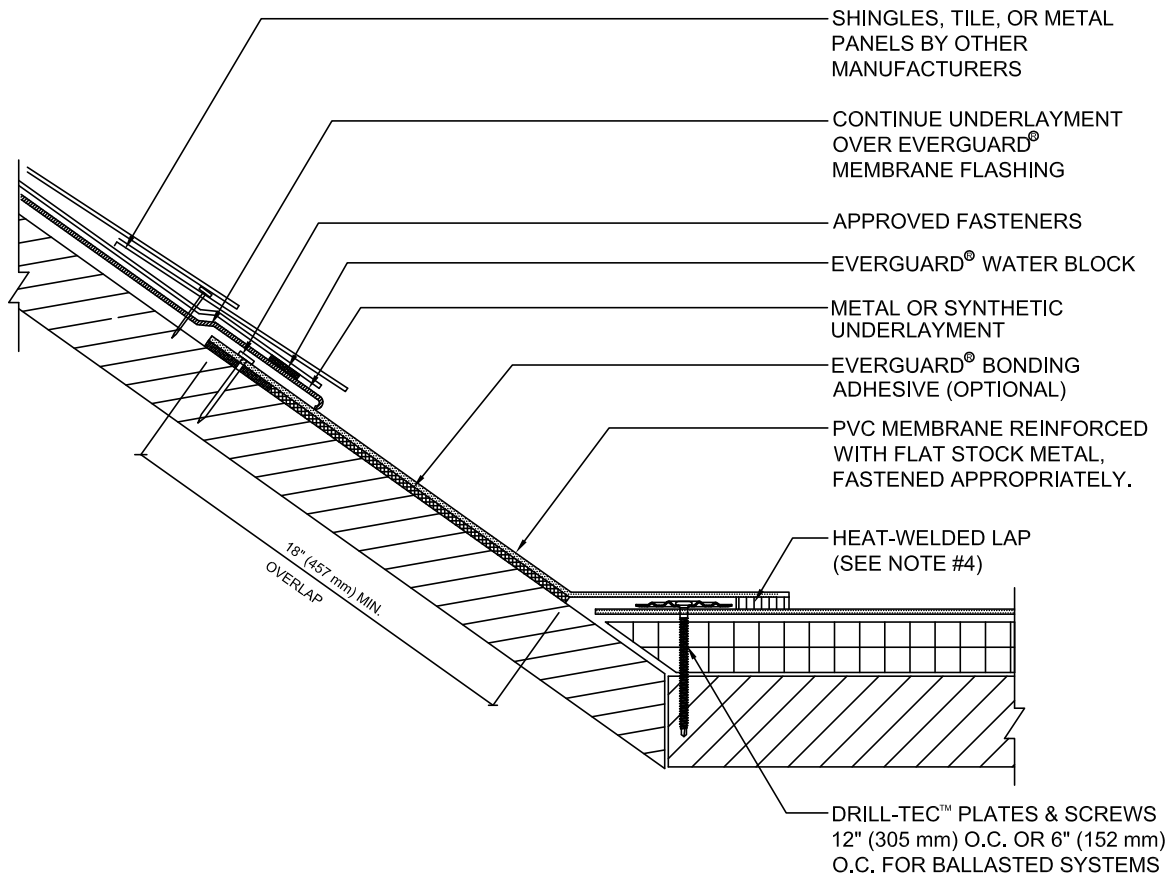
Visit http://www.gaf.com/roofing/commercial/smart_details for further information.



NOTE:

1. MINIMUM SLOPE IS 2:12.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. ADD BALLAST PER SPECIFICATION FOR BALLASTED SYSTEMS.
4. FOR SELF-ADHERED SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
5. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

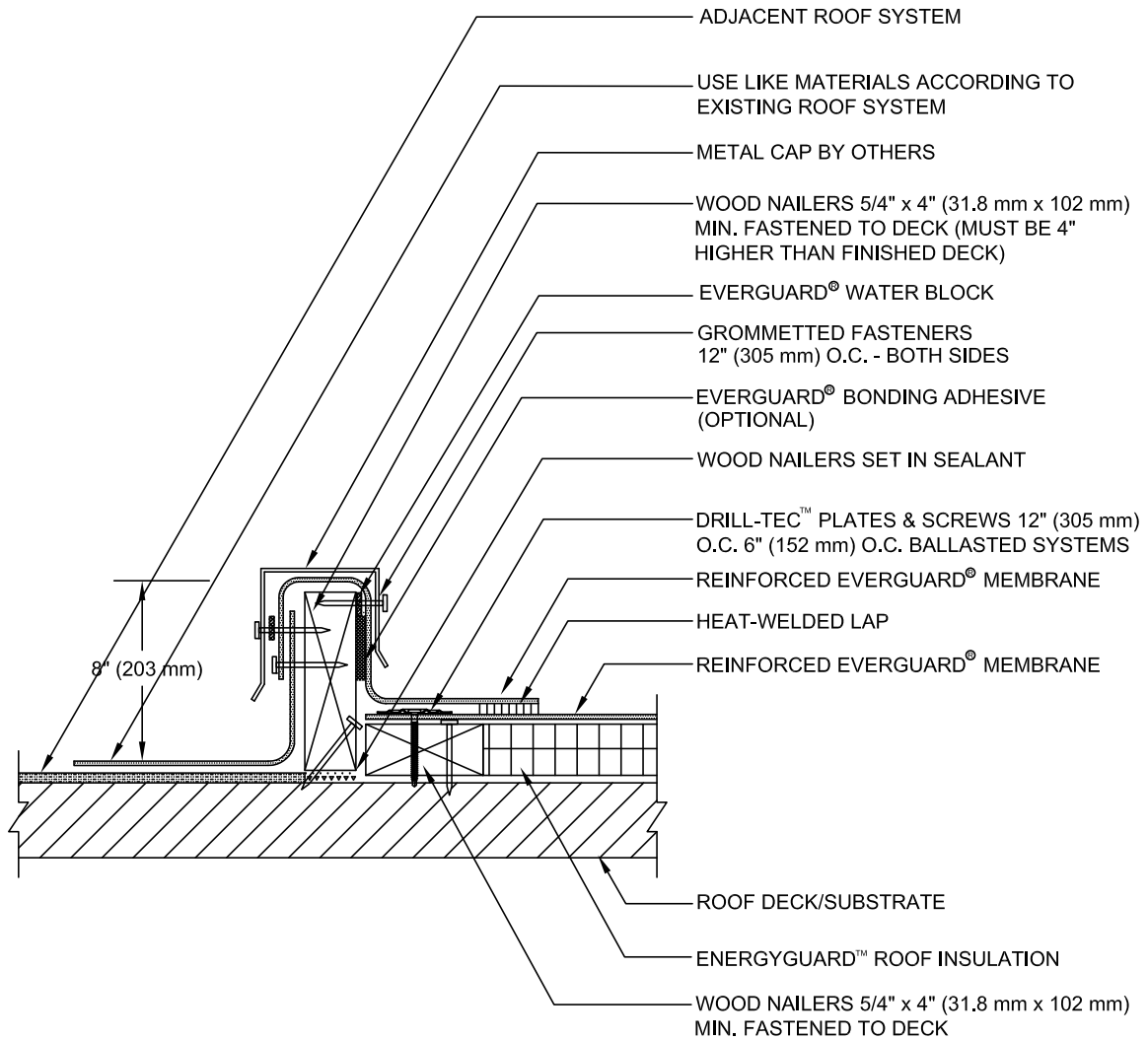
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING #	601A STEEP SLOPE TIE-IN DETAIL	THIS DETAIL APPLIES TO:
		SCALE		TPO ONLY
		N.T.S.		



NOTE:



1. MINIMUM SLOPE IS 2:12.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. ADD BALLAST PER SPECIFICATION FOR BALLASTED SYSTEMS.
4. FOR SELF-ADHERED SYSTEMS, SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.

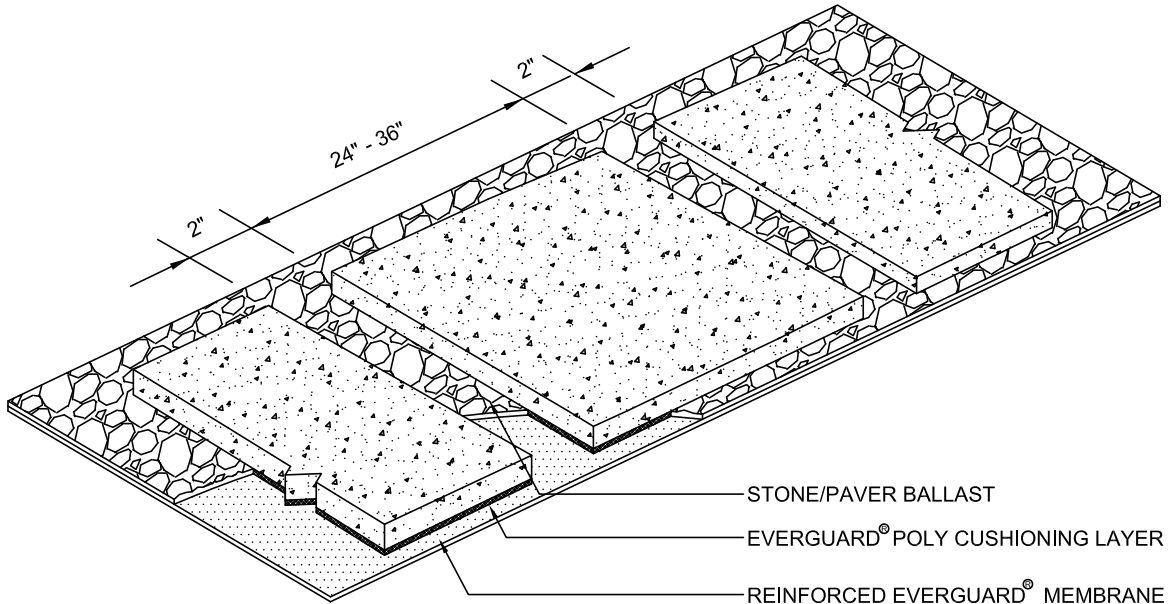
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING #	601B PVC STEEP SLOPE TIE-IN DETAIL	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.	PVC ONLY	REVISION DATE 9-1-16



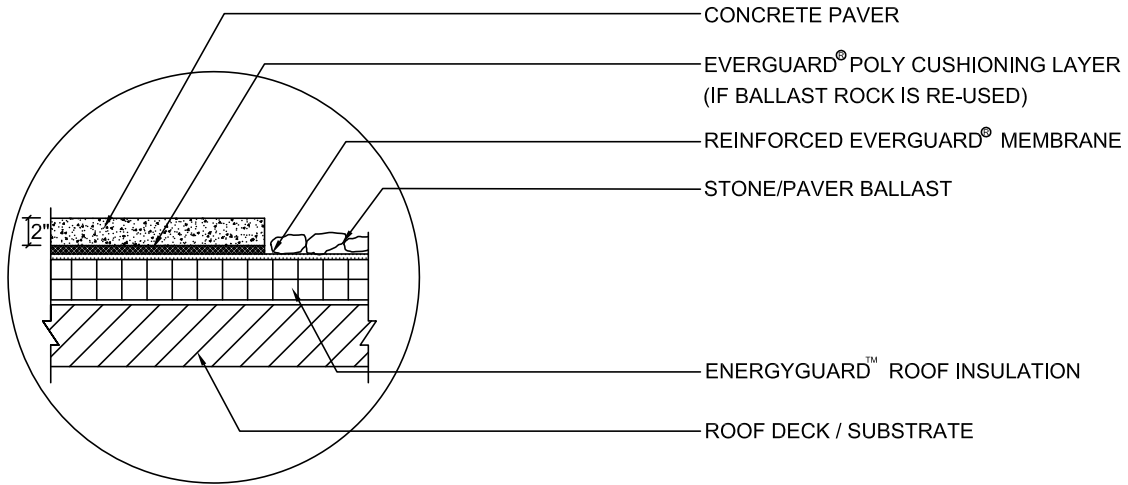
NOTE:

1. GAF DOES NOT GUARANTEE THE WATERTIGHT INTEGRITY OF TIE-INS TO OTHER MEMBRANE ROOF SYSTEMS.
2. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
3. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	602 CURB TYPE TIE-IN AT FLAT ROOF	THIS DETAIL APPLIES TO:
		SCALE		ALL SYSTEMS
		N.T.S.		REVISION DATE 12-12-17





STONE/PAVER BALLAST
 EVERGUARD® POLY CUSHIONING LAYER
 REINFORCED EVERGUARD® MEMBRANE

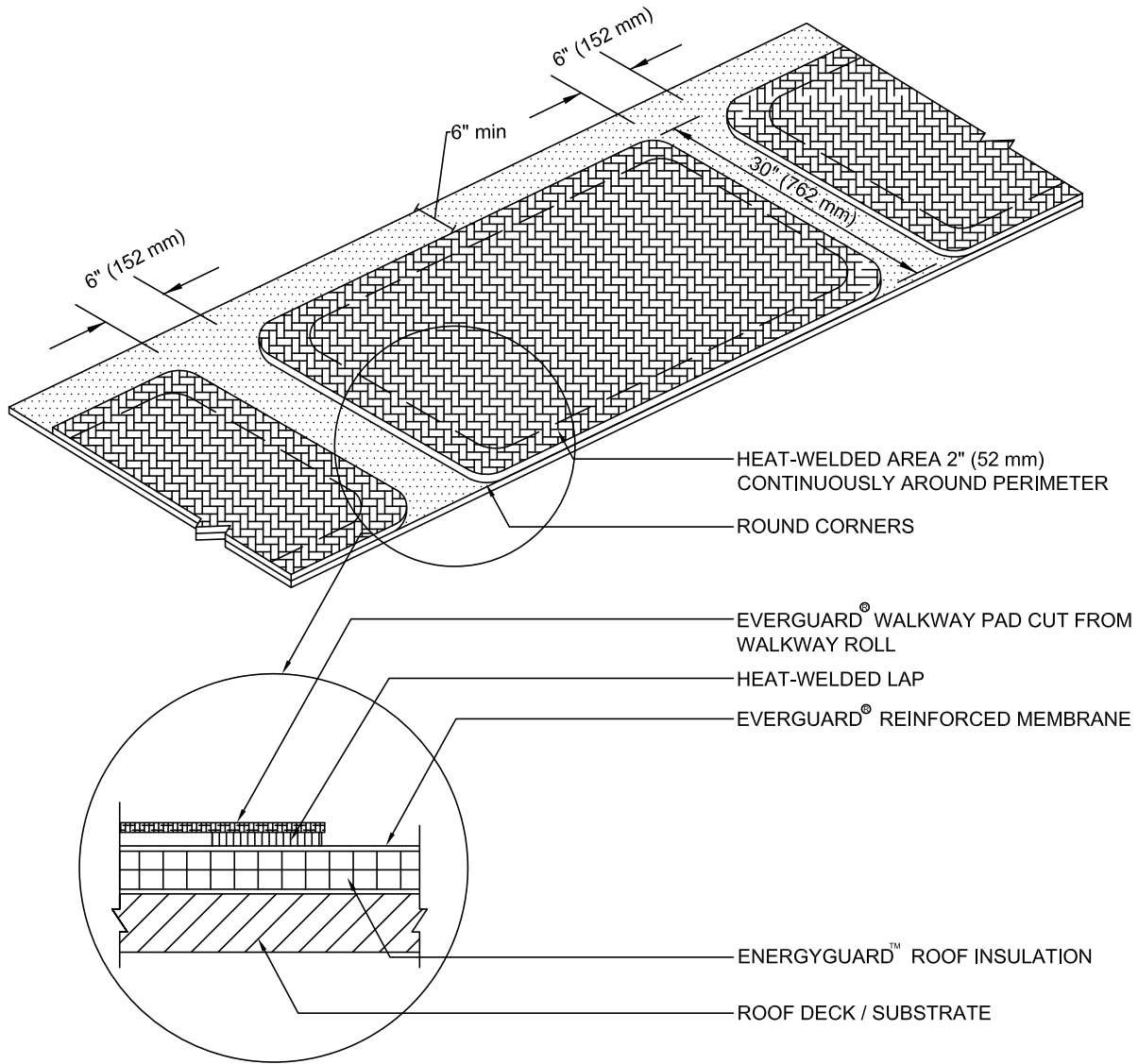


CONCRETE PAVER
 EVERGUARD® POLY CUSHIONING LAYER
 (IF BALLAST ROCK IS RE-USED)
 REINFORCED EVERGUARD® MEMBRANE
 STONE/PAVER BALLAST
 ENERGYGUARD™ ROOF INSULATION
 ROOF DECK / SUBSTRATE

NOTE:

1. REMEMBER: DO NOT CROSS SEAMS WITH CONCRETE PAVER OR EVERGUARD® POLY CUSHIONING SHEET.
2. GUARANTEE INSPECTION TO BE MADE BEFORE BALLAST IS BROADCAST AROUND ROOF.

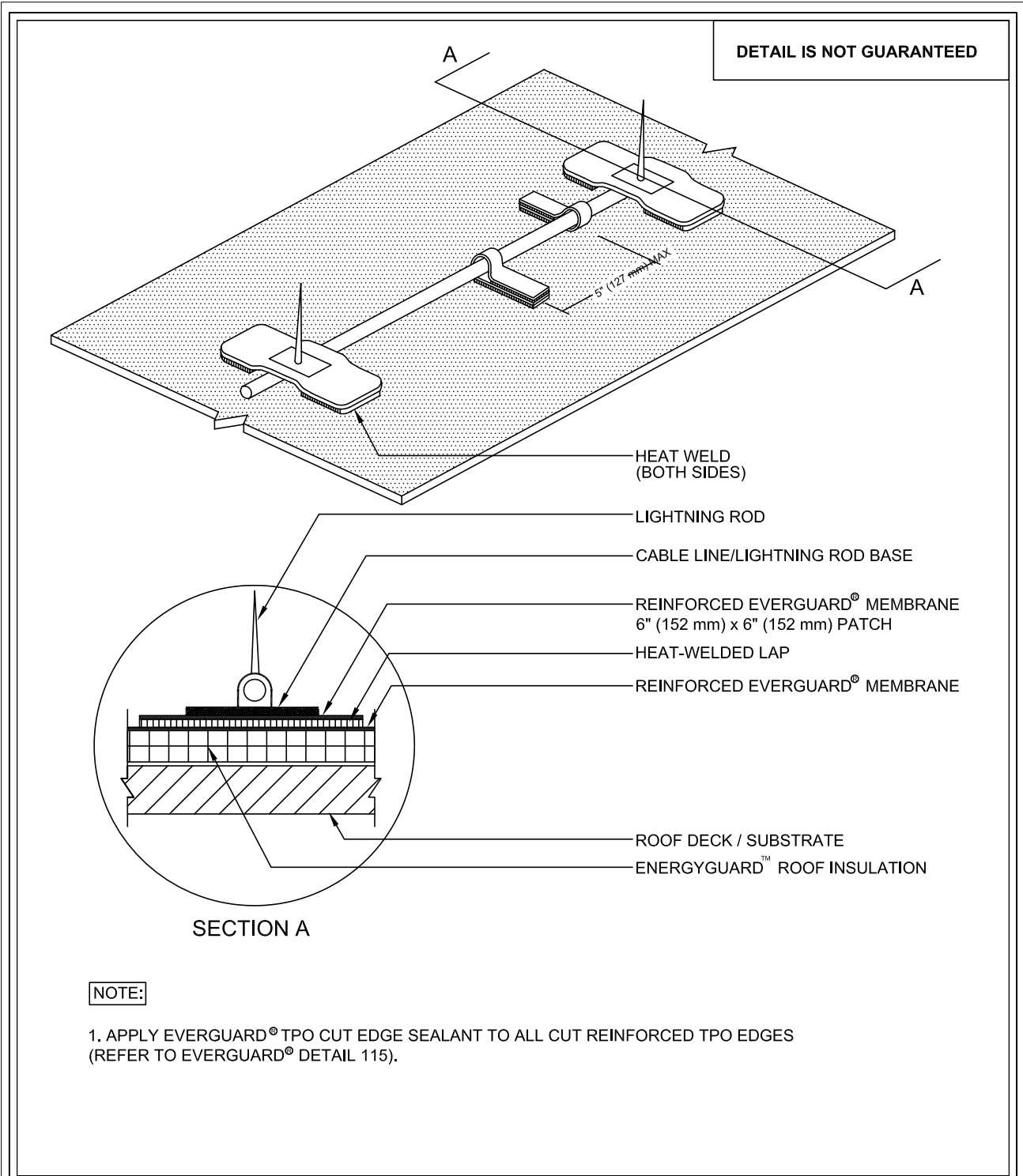
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING #	603 PAVER WALKWAY INSTALLATION DETAIL	THIS DETAIL APPLIES TO:
		SCALE		Ballasted Systems
				REVISION DATE
			N.T.S.	12-12-17





NOTE:

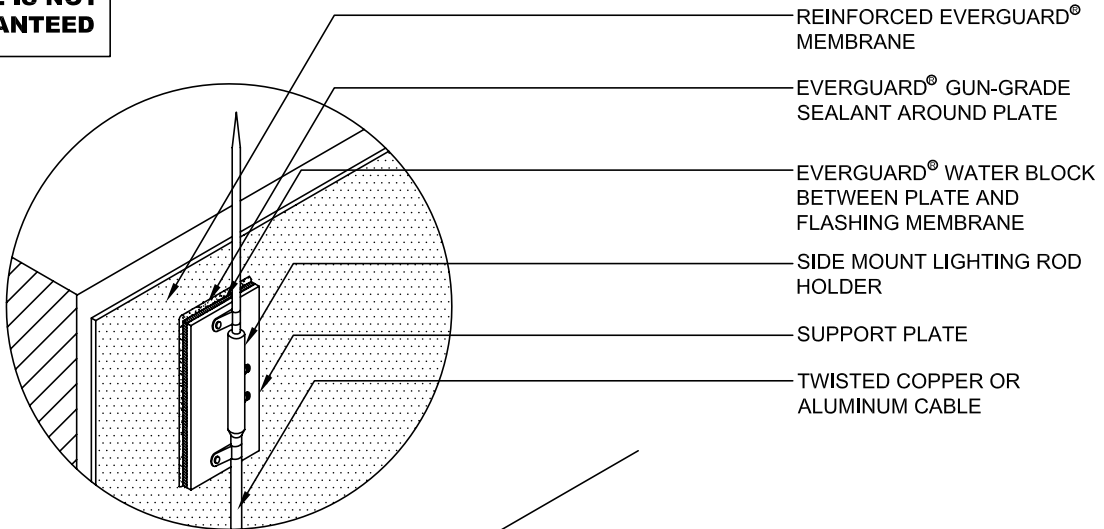
1. REMEMBER, DO NOT CROSS SEAMS WITH WALKWAY PADS 6" (152 mm) OFF EACH SEAM.
2. HEAT-WELD EDGE OF WALKWAY PADS CONTINUOUSLY.
3. REQUIRED AT ALL ROOF ACCESS POINTS.

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING #	HEAT WELDED WALKWAY INSTALLATION	THIS DETAIL APPLIES TO:
		604		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		12-15-17

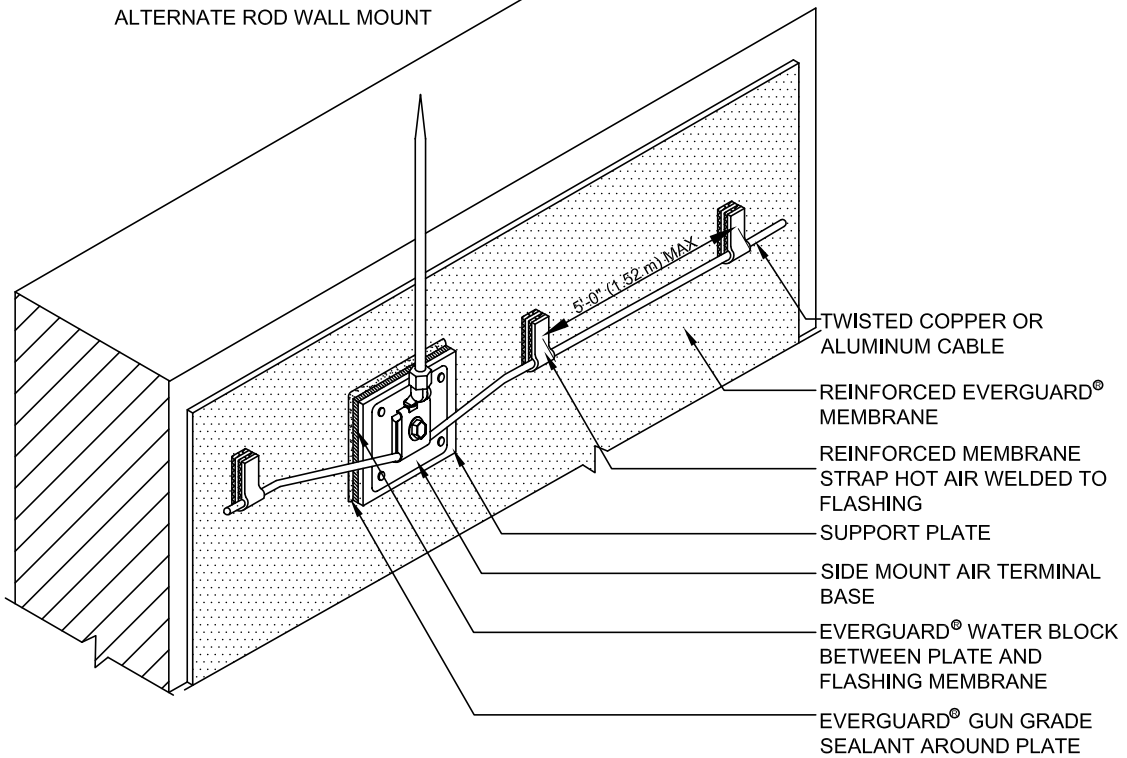




 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	LIGHTNING PROTECTION TERMINAL - ROOF MOUNT DETAIL	THIS DETAIL APPLIES TO:
		605		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		8-28-17

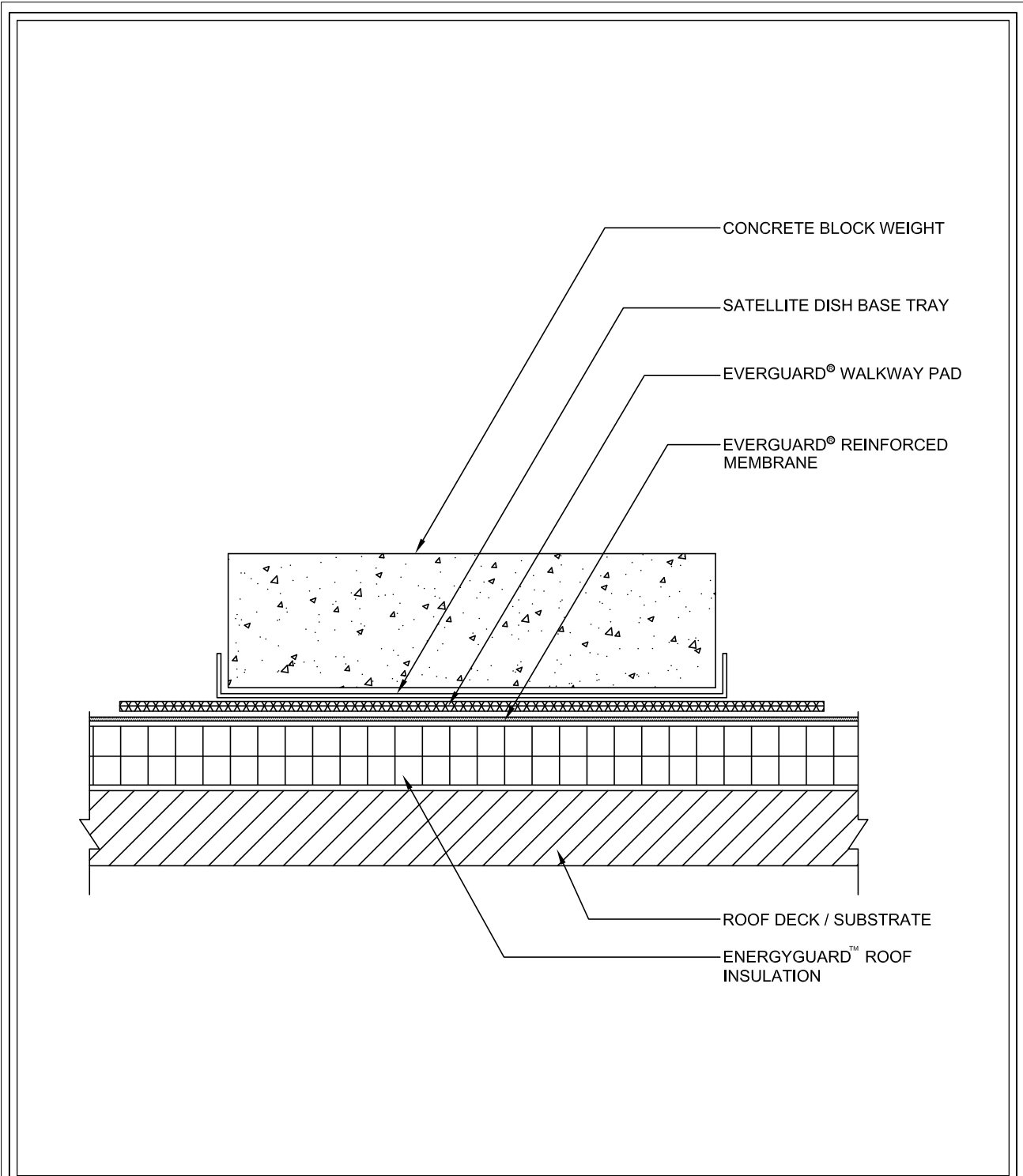
**DETAIL IS NOT
 GUARANTEED**





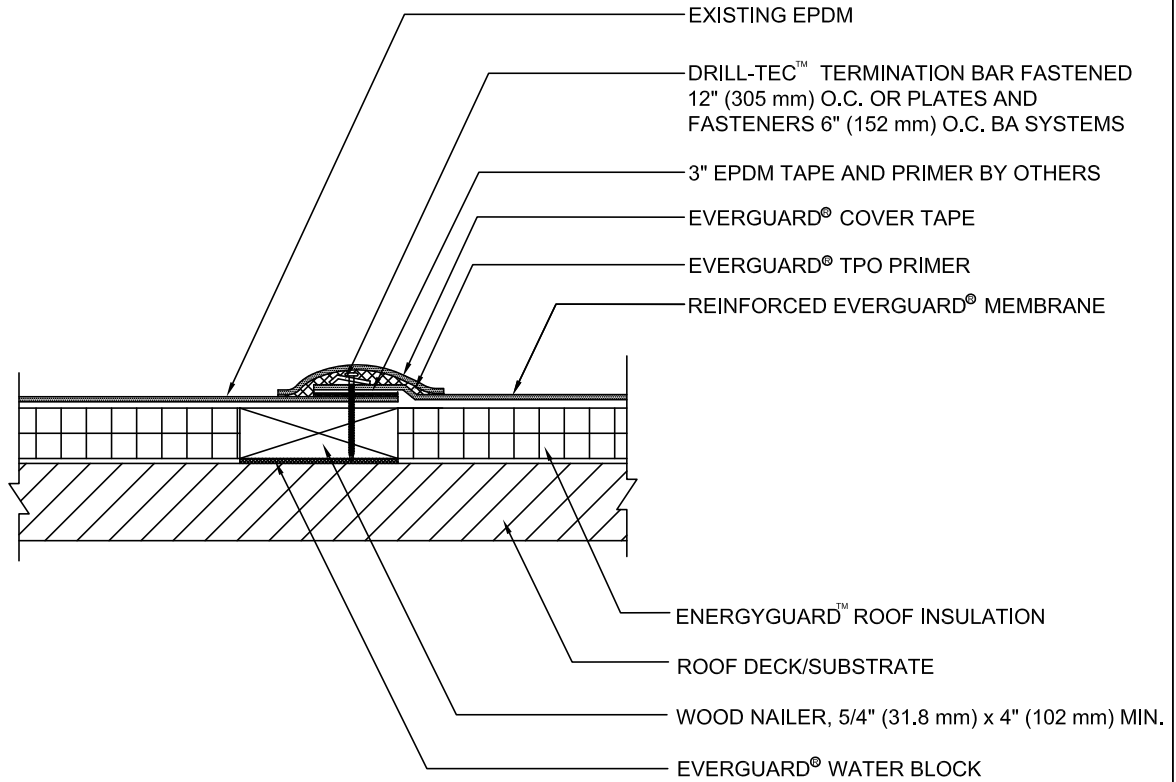
ALTERNATE ROD WALL MOUNT



 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SINGLE-PLY ROOFING SYSTEMS ROOF PENETRATION SERIES	DRAWING #	LIGHTNING PROTECTION TERMINAL - WALL MOUNT DETAIL	THIS DETAIL APPLIES TO:
		607		ALL SYSTEMS
		SCALE		REVISION DATE
		N.T.S.		11-27-17



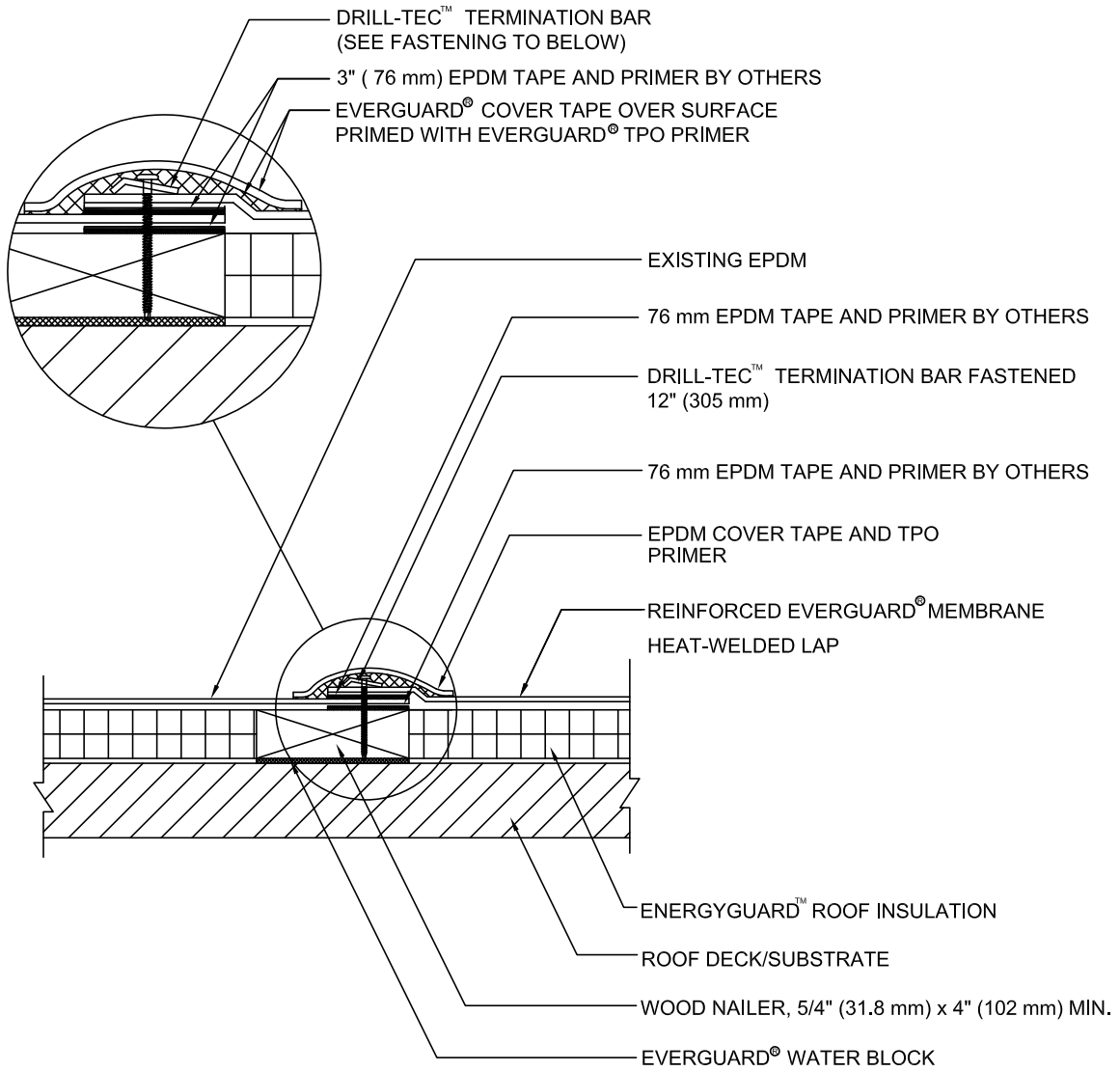
 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 ROOF PENETRATION SERIES	DRAWING # 608	SATELLITE DISH MOUNTING	THIS DETAIL APPLIES TO: ALL SYSTEMS
		SCALE N.T.S.		REVISION DATE 6-26-17



NOTE:

1. GAF DOES NOT GUARANTEE THE WATERTIGHT INTEGRITY OF TIE-INS TO OTHER MEMBRANE ROOF SYSTEMS.
2. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, UP TO 10-YR. MAXIMUM GUARANTEE ONLY.
3. FOR SELF-ADHERED HEAT-WELDED SYSTEMS, UP TO 15-YR. MAXIMUM GUARANTEE ONLY.
4. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING #	TPO TO EXISTING EPDM	THIS DETAIL APPLIES TO: Adhered Systems Ballasted Systems Mechanically Attached Systems Self-Adhered Systems TriPosite Systems
		609A		
		N.T.S.		12-12-17



NOTE:

1. GAF DOES NOT GUARANTEE THE WATERTIGHT INTEGRITY OF TIE-INS TO OTHER MEMBRANE ROOF SYSTEMS.
2. APPLY EVERGUARD® TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD® DETAIL 115).

 www.gaf.com 1 Campus Drive, Parsippany, NJ 07054	 SPECIAL CONSTRUCTION SERIES	DRAWING # 609B	TPO TO EXISTING EPDM - ALTERNATE NON-ADHERED	THIS DETAIL APPLIES TO: ALL SYSTEMS
		SCALE N.T.S.		TPO ONLY



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