

Henry[®] Pumadeq[™] System

Submittal Packet



Table of Contents

Henry® Pumadeq™ System

Technical Data Sheets

Membrane

Henry® Pumadeq™ Flex 30SL	3
---------------------------------	---

Primer Options

Henry® Pumadeq™ Primer 20	7
---------------------------------	---

Henry® GC Epoxy Primer	10
------------------------------	----

Flashing Option

Henry® Pumadeq™ Flex 31MV	13
---------------------------------	----

Wearcoat Option

Henry® Pumadeq™ Grip 40	16
-------------------------------	----

Topcoat Option

Henry® Deqcoat 50	19
-------------------------	----

Safety Data Sheets

Henry® Pumadeq™ Flex 30SL - White	22
---	----

Henry® Pumadeq™ Flex 30SL - Gray	32
--	----

Architectural Details

Henry® Pumadeq™ Unreinforced System Details	45
---	----

Henry® Pumadeq™ Pedestrian Traffic System Details	122
---	-----

Henry® Pumadeq™ Reinforced System Details	131
---	-----

Sample Warranty

Pumadeq™ Horizontal Waterproofing 5 Year Material Warranty	212
--	-----

Pumadeq™ Pedestrian/Balcony Traffic 5 Year Material Warranty.....	214
---	-----

Pumadeq™ Vehicular Traffic 5 Year Material Warranty	216
---	-----

Pumadeq™ Water Retention 5 Year Material Warranty	218
---	-----

Product Certification

Henry® Pumadeq™ Flex 30SL Product Certification	220
---	-----

Henry® Pumadeq™ Flex 31MV Product Certification	221
---	-----

LEED Declarations

Pumadeq™ Flex 30SL Resin LEED Information	222
---	-----



Physical Property	Typical Value	Test Method
Appearance	White, Gray	-
Application Temperature (Ambient)	20 °F to 90 °F (-6 °C to 32 °C)	-
Solids Content by Volume	100%	-
VOC Content	0 g/l	ASTM C1250-05
Hardness, Shore A	>90	ASTM C2240
Tensile Strength	>425psi	ASTM D638
Elongation	>250%	ASTM D638
Tear Resistance	>100pli	ASTM D624
Low Temperature Crack Bridging (10 cycles, -15 °F)	Pass	ASTM C1305
Solar Reflectance (white)	80	ASTM C1549
Thermal Emittance (white)	89	ASTM C1371
Solar Reflectance Index (white)	100	ASTM E1980
Spread of Flame, Class A	Pass	ASTM E108

Description

Henry® Pumadeq™ Flex 30SL is an elastic waterproofing membrane based on polyurethane-modified methyl methacrylate (PUMA) technology. PUMA technology combines the speed of PMMA technology in its application, with the elasticity of Polyurethane technology. PUMA technology exhibits much greater elongation and flexibility than PMMA technology, with excellent low temperature crack bridging performance.

Pumadeq Flex 30SL can be applied on horizontal surfaces with or without reinforcing fleece.

Features

- Cures within 1 hour, including temperatures below 40 °F (4 °C)
- Abrasion, Puncture, and UV Resistant
- Superior Elasticity vs PMMA
- Excellent low temperature crack bridging without the need for reinforcement
- Solvent-free
- No VOC's

Usage

Pumadeq Flex 30SL forms a horizontal waterproofing membrane in the **Henry® Pumadeq System**. **Pumadeq System** applications are used for:

- Protected Membrane Roofing
- IRMA
- Plaza Decks
- Green Roofs
- Split Slabs
- Parking Decks
- Balconies and Walkways
- Water Retention

Application

Site conditions: Provide odor control, including air fans and exhausts.
 Seal air intakes with activated carbon filters, nearby windows and doors.

Pumadeq™ Flex 30SL

Ensure a constant supply of “fresh air”, required to remove monomers (heavier than air) from the resin surface and allow for cure.

Surface preparation: All surfaces should be prepared as per the approved **Pumadeq System** specification.

The surface temperature must be at least 5 °F (-15 °C) above the dew point and rising. Use a surface dew

point meter. Air and surface temperatures must be between 20 °F (7 °C) and 90 °F (32 °C).

For temperatures below 40 °F (4 °C) consult Henry® Product Support: 800-486-1278.

Any surface or previous application of **Pumadeq System** must be free of dust and contaminants that would impair adhesion of **Pumadeq Flex 30SL**. If the surface is contaminated or overcoat times between **Pumadeq** resins exceed 48 hours, wipe with **Henry® Pumadeq Cleaning Fluid** and clean cloths. After **Pumadeq Cleaning Fluid** evaporates (15 minutes), apply **Pumadeq Flex 30SL** within 1 hour or re-apply **Pumadeq Cleaning Fluid**.

If there are any doubts about the suitability of a substrate, further advice should be sought from Henry® Product Support and a small trial area applied and tested appropriately.

Product mixing: Prior to using **Pumadeq Flex 30SL**, it must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with a clean, spiral, mixing paddle (Jiffy type, size according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product.

Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes).

Be aware that temperature conditions vary in different areas of a project and at different times of day. Adjust catalyst accordingly.

It is recommended to start by catalyzing 1 gallon of any **Pumadeq Flex 30SL** to determine pot life.

- 1) Pre-mix the **Pumadeq Flex 30SL** for minimum 1 minute
- 2) Then mix resin together with **Henry® Pumadeq Catalyst**, for 1 minute minimum
A 1 volume oz. scoop is provided with each pail of catalyst
- 3) Catalyst blend is added in accordance with an average of resin, ambient and substrate temperatures guidelines:
At temperatures below 40 °F (4 °C), consult Henry® Product Support: 800-486-1278.
40 °F (4 °C) → add 10 volume oz. per gallon resin
50 °F (10 °C) → add 8 volume oz. per gallon resin
60 °F (16 °C) → add 6 volume oz. per gallon resin
70 °F (21 °C) → add 4 volume oz. per gallon resin
80 °F (27 °C) → add 3 volume oz. per gallon resin
90 °F (32 °C) → add 2 volume oz. per gallon resin

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot Life: 10-15 minutes if **Pumadeq Catalyst** mix volumes are followed. The working time of all **Pumadeq System** materials will be influenced by the amount of **Pumadeq Catalyst** added, the length of time they are mixed, how quickly they are removed from the mixing pail, and the substrate and ambient temperatures. Apply onto substrate and spread to prolong working time.

Product Application: For best results, use small batch sizes (start with 1 gallon). After mixing thoroughly, pour onto primed deck in evenly spaced strips, as soon as possible. **Pumadeq Flex 30SL** is applied evenly by 3/8" (10 mm) V-notched squeegee, back rolled with a spiked or medium nap (1/2" / 13mm) roller and brush.

Do not install **Pumadeq Flex 30SL** beyond cured primer.

Extend **Pumadeq Flex 30SL** one (1) inch (25 mm) beyond anticipated area of fabric reinforcement

(if used). Roll or brush fabric for proper adhesion and removal of voids, folds, and wrinkles.

Lap adjoining fabric edges a minimum of three (3) inches (76 mm).

Ensure voids at edges of **Henry® Pumadeq Fleece** are filled with **Pumadeq Flex 30SL**.

Due to its elastic properties **Pumadeq Flex 30SL** can be applied with or without **Pumadeq N-Fleece** reinforcement.

Rates unreinforced different for PMR, Pedestrian + Vehicular (over unoccupied/occupied space).

Application Rate Reinforced: Install one (1) layer of **Pumadeq Flex 30SL** at 30 sq.ft./gal.

Back coat **Pumadeq N-Fleece** with **Pumadeq Flex 30SL** before applying on vertical surfaces.

Apply second layer of **Pumadeq Flex 30SL** at 50 sq.ft./gal.

Total rate for two coats = 20 sq.ft./gal.

Pumadeq™ Flex 30SL

Application Rate Unreinforced: Install first (1) layer of gray **Pumadeq Flex 30SL**, at 30 sq.ft./gal.
Apply second (1) layer of white **Pumadeq Flex 30SL**, at 50 sq.ft./gal.
Total rate for two coats = 20 sq.ft./gal.

Allow for saturation of rollers and brushes.

Rates will change depending on substrate profile (>CSP 3-4).

WFT-DFT (Wet and Dry Film Thickness): 80 mils (reinforced) – will vary for unreinforced depending on spec.

Re-coat and Traffic Times: Minimum 1 hour. If the surface is contaminated or overcoat times exceed 48 hours, clean with a clean cloth and **Pumadeq Cleaning Fluid**. Allow **Pumadeq Cleaning Fluid** to evaporate before over coating. **Pumadeq Flex 30SL** must be applied after 15 minutes minimum, 1 hour maximum of **Pumadeq Cleaning Fluid** application or **Pumadeq Cleaning Fluid** will have to be re-applied. MEK or Acetone can also be used, following the same procedures.

Product restrictions and limitations: If under catalyzed or mixing not thorough, the resin will not cure (remain sticky and smell). It must be completely removed by scrapping and wiping with **Pumadeq Cleaning Fluid**.

NOTE: Before using **Pumadeq Flex 30SL**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves, and safety goggles with side shields during mixing and application.

When **Pumadeq Flex 30SL** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged.

Avoid strong concentration of vapor as well as direct contact with skin or eyes.

If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required.

Pumadeq Flex 30SL has a low flashpoint; keep away from all sources of ignition and do not smoke.

Uncured polymers, resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reactions.

Contact with skin – wash immediately with soap and water.

Contact with eyes – rinse immediately with lots of water and seek medical attention.

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions and working methods.

- For Henry® System Warranty and Gold Seal Warranty requirements, refer to the appropriate approved Henry® specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using **Pumadeq Cleaning Fluid**, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state and local regulations. Dispose of all packaging in accordance with federal, state and local regulations.

Packaging

5 gallons in metal pails

Colors

White
Gray

Shelf Life/ Storage

One year in unopened containers stored between 50 °F (10 °C) and 75 °F (24 °C) under dry, ventilated conditions and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.

~~The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature~~

Henry® Company, 999 Pacific Coast Highway, Ste. 800 El Segundo, CA 90245
Tel: 800-486-1278 Email: techservices@henry.com
www.henry.com

Revision Date: 3/25/2021

Pumadeq™ Flex 30SL

no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may



TECHNICAL DATA SHEET
Pumadeq™ Primer 20
PMMA Primer

Physical Property	Typical Value	Test Method
Appearance	Colorless, Cloudy	-
Solids Content by Volume	100%	ASTM D1644-2001 Method A
Adhesion	> 435 psi, substrate failure	ASTM C1583/ ASTM C1583M-04
VOC Content (maximum)	0 g/l	ASTM C1250-05

Description

Henry® Pumadeq™ Primer 20 is a primer based on polymethyl methacrylate (PMMA) technology.

Features

- Cures within 1 hour, including temperatures below 40 °F (5 °C)
- Can be used on concrete, wood, steel, aluminum, galvanized, stainless copper, and brass metals in addition to plastic pipes
- Solvent-free
- No VOC's

Usage

Pumade Primer 20 is used as a primer for Pumadeq Systems. Pumadeq Systems are used for:

- Protected Membrane Roofing
- IRMA
- Plaza Decks
- Green Roofs
- Split Slabs
- Parking Decks
- Balconies and Walkways
- Water Retention

Application

Site conditions: Provide odor control, including air fans and exhausts.

Seal air intakes with activated carbon filters, nearby windows and doors.

Ensure a constant supply of "fresh air", required to remove monomers (heavier than air) from the resin surface and allow for cure.

Surface preparation: All surfaces should be prepared as per the approved Pumadeq System specification.

The surface temperature must be at least 5 °F (-15 °C) above the dew point and rising. Use a surface dew point meter.

Air and surface temperatures must be between 20 °F (-7 °C) and 90 °F (32 °C).

For temperatures below 40 °F (4 °C) consult Henry Product Support: 800-486-1278.

Substrates to be coated must be firm, dry, and load bearing, free of loose and brittle particles, laitance and contaminants that would impair adhesion. They cannot be frozen.

Concrete should cure for a minimum of 28 days or be moisture free when tested to ASTM D4263-83.

Moisture content in the concrete or wood must be less than 6% as measured using a Moisture Meter (i.e. Tramex CME 4).

Metals and plastic must be mechanically abraded to a clean surface, in accordance with SSPC – SP2, then wiped with **Pumadeq Cleaning Fluid** and clean cloths. After **Pumadeq Cleaning Fluid** evaporates (15 minutes), prime immediately to avoid flash rusting.

Wood must be exterior grade, dry, clean and fixed with exterior deck screws.

If there are any doubts about the suitability of a substrate, further advice should be sought from a Henry® representative and a small trial area applied and tested appropriately.

Pumadeq™ Primer 20

Product mixing: Prior to using **Pumadeq Primer 20**, it must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with a clean, spiral, mixing paddle (Jiffy type, size according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product.

Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes).

Be aware that temperature conditions vary in areas of project and at different times of day. Adjust catalyst accordingly.

It is recommended to start by catalyzing 1 gallon of any **Pumadeq** to determine pot life.

- 1) Pre-mix the resin for minimum 1 minute, longer at colder temperatures
- 2) Then mix resin together with **Pumadeq Catalyst**, for 1 minute minimum
A 1 volume oz. scoop is provided with each pail of catalyst
- 3) Catalyst blend is added in accordance with an average of resin, ambient and substrate temperatures guidelines:
At temperatures below 40 °F (4 °C), consult Henry® Product Support: 800-486-1278.
40 °F (4 °C) → add 10 volume oz. per gallon resin
50 °F (10 °C) → add 8 volume oz. per gallon resin
60 °F (16 °C) → add 6 volume oz. per gallon resin
70 °F (21 °C) → add 4 volume oz. per gallon resin
80 °F (27 °C) → add 3 volume oz. per gallon resin
90 °F (32 °C) → add 2 volume oz. per gallon resin

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot Life: 10-15 minutes if **Pumadeq Catalyst** mix volumes are followed. The working time of all **Pumadeq** materials will be influenced by the amount of **Pumadeq Catalyst** added, the length of time they are mixed, how quickly they are removed from the mixing pail, and the substrate and ambient temperatures. Apply onto substrate and spread to prolong working time.

Product Application: For best results, use small batch sizes (start with 1 gallon). After mixing thoroughly, apply onto substrate, as soon as possible. **Pumadeq Primer 20** is applied evenly by medium nap (1/2" / 13mm) roller and brush. Apply slight pressure on brush or roller to ensure all voids and pores in substrate are filled.

Application Rate: Pumadeq Primer 20 is applied @100sf/gallon aprox. Allow for saturation of rollers and brushes.

Rate will change depending on substrate porosity and profile (>CSP 3-4).

WFT-DFT (Wet and Dry Film Thickness): 15 mils

Re-coat and Traffic Times: Minimum 1 hour. If the surface is contaminated or overcoat times exceed 48 hours, clean with a clean cloth and **Pumadeq Cleaning Fluid**. Allow to evaporate before over coating.

Pumadeq Primer 20 must be applied after 15 minutes minimum, 1 hour maximum of **Cleaning Fluid** application or **Cleaning Fluid** will have to be re-applied. MEK or Acetone can also be used, following the same procedures .

Product Restrictions and Limitations: If under catalyzed or mixing not thorough, the resin will not cure (remain sticky and smell). It must be completely removed by scrapping and wiping with **Pumadeq Cleaning Fluid**.

NOTE: Before using **Pumadeq Primer 20**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves, and safety goggles with side shields during mixing and application.

When **Pumadeq Primer 20** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged.

Avoid strong concentration of vapor as well as direct contact with skin or eyes.

If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required.

Pumadeq Primer 20 has a low flashpoint; keep away from all sources of ignition and do not smoke.

Uncured polymers, resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reactions.

Contact with skin – wash immediately with soap and water.

Contact with eyes – rinse immediately with lots of water and seek medical attention.

Pumadeq™ Primer 20

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions, and working methods.

- For Henry® System Warranty and Gold Seal Warranty requirements, refer to the appropriate approved Henry® specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using **Pumadeq Cleaning Fluid**, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state, and local regulations. Dispose of all packaging in accordance with federal, state, and local regulations.

Packaging

1 gallon, in metal pail
5 gallons, in metal pail

Colors

Colorless, Clear

Shelf Life/ Storage

One year in unopened containers stored between 50 °F (10 °C) and 75 °F (24 °C) under dry, ventilated conditions, and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of the Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



TECHNICAL DATA SHEET
GC Epoxy Primer
Moisture Mitigating Epoxy-Based Primer

Physical Property per ASTM F3010-13	Typical Value	Test Method
Alkali Insensitivity	No effect, ph 14, after 14 days	ASTM D1308-02
Concrete RH resistance	Up to 100%	ASTM F2170-09
Solids Content by Volume	100%	ASTM D1644-2001 Method A
Adhesion	> 435 psi, substrate failure	ASTM C1583/ ASTM C1583M-04
Viscosity @ 68 °F (mixed)	1400-1800 cps	ASTM D2196-10
Moisture vapor emission rate reduction (MVER)	25lbs/24hrs/1000sf, reduced to 0.2lbs/24hrs/1000sf	ASTM F1869-10
Water Vapor Transmission	Over 98% reduction = less than 0.1 perms	ASTM E96M-05 (Wet Method)
VOC Content (maximum)	0 g/l	ASTM C1250-05 (as per C836M-10, C957M-10)

Description

Henry® GC Epoxy Primer is a 100% solids, two-component, epoxy sealer/primer.

Features

- Meets ASTM F3010-13 Requirements
- Specially formulated to be applied on saturated (up to 100% relative humidity) substrates
- Reduces moisture vapor emission rate (MVER) below 3lbs/24hrs/1000sf
- Can be applied on green (5 days after placement) concrete
- Highly alkaline resistant (concrete ph 14)
- Has no odor, solvent-free or zero VOC for LEED EQ 4.2 credit

Usage

Henry® GC Epoxy Primer is used to seal and prevent vapor drive (moisture emission) in concrete, wood, and exterior roof boards.

Application

Site conditions: All surfaces should be prepared as per the approved Henry® specification. Ensure water sealed in substrate will not affect other parts of building. Substrate moisture testing can be carried out to ASTM F2170-09 (RH) and F1869-10 (vapor pressure) but is not required. Air and substrate temperatures must be between 50 °F and 90 °F.

Surface preparation: Substrates to be coated must be free of laitance and contaminants that would impair adhesion.

Do not apply on substrates that have been treated with any type of form release agent or sealer.

- Concrete should be shot blasted or mechanically abraded
- Do not acid etch
- Surface profile must meet CSP-3, with no imperfections which would prevent the minimal film thickness being formed
- Fill all voids and bug holes
- Remove concrete reinforcing fibers
- Wood or Roof Board must be exterior grade, dry, clean and fixed with exterior deck screws
- Apply Henry® GC Epoxy Primer, when temperatures are constant or falling and out of direct sunlight, to minimize the risk of pinholes, blister formation or delamination due to substrate vapor pressure increase

If there are any doubts about the suitability of a substrate, further advice should be sought from a Henry® representative and a small trial area applied and tested appropriately.

Henry® GC Epoxy Primer

Product mixing: Henry® GC Epoxy Primer Parts A (2 gallons) & B (1 gallon) are pre-measured.

Mix all Part A (resin) with all of Part B (hardener).

They must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with spiral (JIFFY) mixing paddle.

Mix Ratio by Volume:

- 1) Pre-mix Part A (2 gallons), for 30 seconds in pail, to disperse color pigment uniformly.
Dispense into separate, clean bucket, being careful not to hit sides.
- 2) Add Part B (1 gallon), taking care not to hit the sides, and mix for 1 – 1½ minutes.

Work the mixing paddle around the sides and bottom of the mixing pail to achieve a uniform, streak free, homogenous liquid.

Scrape out all the material from the mixing pail.

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot Life @ 68 °F: 20-25 minutes. The working time of Henry® GC Epoxy Primer will be influenced by the length of time it is mixed (longer mixing results in shorter pot life), the substrate and ambient temperatures, and how quickly it is removed from the mixing pail and spread on the substrate.

Product Application: A mock-up can be carried out to decide the exact application rate (within Henry® guidelines) required to prevent pinholes in the cured coating and completely seal the substrate.

Henry® GC Epoxy Primer is normally applied in one coat (gray color).

It is applied evenly by notched squeegee and back rolled (at right angles to squeegee application) with a medium nap (3/8") roller.

Apply slight pressure on the roller to ensure all voids and pores are filled and remove all material puddles.

A monolithic and fully cured film must be formed.

It is then to be inspected for any pinholes or voids, which are then filled by putty knife, using Henry® GC Epoxy Primer and Henry® Filler, to form a heavy paste which can block the vapor emission.

After application, in addition to a visual inspection, the Henry® GC Epoxy Primer surface can be tested to ASTM D4263 (taped plastic sheet), to ensure no moisture vapor is passing through.

Application Rate:

- 80-100 sq.ft/gal (240-300sq.ft./3 gal. kit)
- If required, second coat (red color), @ 125-150 sq.ft./gal (375-450sq.ft./3 gal. kit)

WFT-DFT: 15 mils/coat, minimum

Re-coat and Traffic Times after application:

Minimum @ 68 °F = 4 hours, Maximum 48 hours. Colder temperatures will increase this time.

If overcoat time is exceeded, GC Primer must be abraded (to a dull finish), wiped with Acetone or MEK and clean cloths.

A second coat (red color) must be applied @ 130 sq.ft/gal (400 sq.ft/3 gal. kit).

The surface temperature of the first coat must at least 6° F above the dew point and rising. Use a surface dew point meter.

If required, the second coat (only), can be fully broadcast with Henry® approved aggregate to allow for an unlimited overcoat time or a shear bond of the next coating.

Product Restrictions and Limitations: Henry® GC Epoxy Primer will not bridge moving cracks or moving joints in the substrate. It cannot be used for aluminum, copper, stainless or galvanized metals.

It can be rained or resist surface dampness 4 hours after installation @ 68 °F. Colder temperatures will increase this time.

If GC Primer gets wet during cure (rain, dew or fog), the surface will "bloom", evidenced by white spots that must be ground off.

It must then be re-applied.

NOTE: Before using Henry® GC Epoxy Primer, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves and safety goggles with side shields during mixing and application.

When Henry® GC Epoxy Primer is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapor as well as direct contact with skin or eyes.

If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required. Uncured polymers and curing agents may be alkaline, toxic or both. They may cause allergic reactions or hypersensitivity reactions.

Contact with skin – wash immediately with soap and water.

Contact with eyes – rinse immediately with lots of water and seek medical attention.

Henry® GC Epoxy Primer

Clean-up

Clean-up of tools and equipment may be accomplished by using, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state and local regulations. Dispose of all packaging in accordance with federal, state and local regulations.

Packaging

KIT = 3 gallons in plastic pails
Part A Resin = 2 gallons
Part B Hardener = 1 gallon

Colors

Gray
Red

Shelf Life/ Storage

One year in unopened containers stored between 55 °F and 90 °F under dry, ventilated conditions and out of direct sunlight. Lower temperatures may cause crystallization. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



TECHNICAL DATA SHEET
Pumadeq™ Flex 31MV
Cold Fluid-Applied, PUMA, Reinforced, Flashing Membrane

Physical Property	Typical Value	Test Method
Appearance	White	-
Application Temperature (Ambient)	20 °F to 90 °F (-6 °C to 32 °C), can be lower	-
Abrasion Resistance	64mg	ASTM C501-84 (2009) - C17 wheel, 1000 grams, 1000 cycles
Hardness	35, Shore D	ASTM C2240-05 (as per C836M-10)
Solids Content by Volume	100%	ASTM D1644-2001 Method A
Adhesion	> 425 psi, substrate failure	ASTM C1583/ ASTM C1583M-04
Tensile Strength	1680 psi	ASTM D638-08
Elongation	283%	ASTM D638-08
VOC Content (maximum)	0 g/l	ASTM C1250-05

Description

Henry® Pumadeq™ Flex 31MV (medium viscosity) is an elastic, viscous, waterproofing membrane based on polyurethane methyl methacrylate (PUMA) technology. Pumadeq technology combines the speed of PMMA technology in its application, with the elasticity of polyurethane technology. PUMA technology exhibits much greater elongation and flexibility than PMMA technology. **Pumadeq Flex 31MV** can be applied to vertical and horizontal surfaces as a flashing membrane.

Features

- Cures within 1 hour, including temperatures below 40 °F (4 °C)
- Abrasion, Puncture, and UV Resistant
- Superior Elasticity vs PMMA technology
- Solvent-Free
- No VOC's

Usage

Pumadeq Flex 31MV forms a waterproofing flashing membrane in the **Henry® Pumadeq System**. **Pumadeq System** applications:

- Protected Membrane Roofing
- IRMA
- Plaza Decks
- Green Roofs
- Split Slabs
- Parking Decks
- Balconies and Walkways
- Water Retention

Application

Site conditions: Provide odor control, including air fans and exhausts.

Seal air intakes ,with activated carbon filters, nearby windows and doors.

Ensure a constant supply of "fresh air", required to remove monomers (heavier than air) from the resin surface and allow for cure.

Surface preparation: All surfaces should be prepared as per the approved **Pumadeq System** specification.

The surface temperature must be at least 5 °F (-15 °C) above the dew point and rising. Use a surface dew point meter.

Air and surface temperatures must be between 20 °F (-7 °C) and 90 °F (32 °C).

For temperatures below 40 °F (4 °C) consult Henry Product Support: 800-486-1278

Any surface or previous application of the **Pumadeq membrane** must be free of dust and contaminants that would impair adhesion

Pumadeq™ Flex 31MV

of **Pumadeq Flex 31MV**. If the surface is contaminated or overcoat times between Pumadeq resins exceed 48 hours, wipe with **Pumadeq Cleaning Fluid** and clean cloths. After **Pumadeq Cleaning Fluid** evaporates (15 minutes), apply **Pumadeq Flex 31MV** within 1 hour or re-apply **Pumadeq Cleaning Fluid**.

If there are any doubts about the suitability of a substrate, further advice should be sought from Henry® Product Support and a small trial area applied and tested appropriately.

Product mixing: Prior to using **Pumadeq Flex 31MV**, it must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with a clean, spiral, mixing paddle (Jiffy type, sized according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product.

Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes). Be aware that temperature conditions vary in areas of project and at different times of day. Adjust catalyst accordingly.

It is recommended to start by catalyzing 1 gallon of **Pumadeq Flex 31MV** to determine pot life.

- 1) Pre-mix **Pumadeq Flex 31MV** for minimum 1 minute
- 2) Then mix resin together with **Henry® Pumadeq Catalyst**, for 1 minute minimum
A 1 volume oz. scoop is provided with each pail of catalyst
- 3) **Pumadeq Catalyst volume is noted below and is determined by the average of three temperatures: Pumadeq Flex 31MV temperature, ambient temperature, and substrate temperature.**

At temperatures below 40 °F (4 °C), consult Henry® Product Support: 800-486-1278.

40 °F (4 °C)→ add 10 volume oz. per gallon

50 °F (10 °C)→ add 8 volume oz. per gallon

60 °F (16 °C)→ add 6 volume oz. per gallon

70 °F (21 °C)→ add 4 volume oz. per gallon

80 °F (27 °C)→ add 3 volume oz. per gallon

90 °F (32 °C)→ add 2 volume oz. per gallon

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot life: 10-15 minutes if **Pumadeq Catalyst** mix volumes followed. The working time of all **Pumadeq System** materials will be influenced by the amount of **Pumadeq Catalyst** added, the length of time they are mixed, how quickly they are removed from the mixing pail, and the substrate and ambient temperatures. Apply onto substrate and spread to prolong working time.

Product application: For best results, use small batch sizes (start with 1 gallon). After mixing thoroughly, apply onto surface, as soon as possible. **Pumadeq Flex 31MV** is applied evenly by medium nap (1/2") roller and brush.

Do not install **Pumadeq Flex 31MV** beyond cured primer.

Extend **Pumadeq Flex 31MV** one (1) inch (2.5 cm) beyond anticipated area of fabric reinforcement.

Roll or brush fabric for proper adhesion and removal of voids, folds, and wrinkles.

Lap adjoining fabric edges a minimum of three (3) inches (7.5 cm).

Ensure voids at edges of **Henry® Pumadeq Fleece** are filled with **Pumadeq Flex 31MV**.

Application rate: Install one (1) layer of **Pumadeq Flex 31MV** at 30 sq.ft./gal.

Back coat N-Fleece with **Pumadeq™ Flex 31MV** before applying on vertical surfaces.

Apply second layer of **Pumadeq Flex 31MV** at 50 sq.ft./gal.

Total rate for two coats = 20 sq.ft./gal.

Allow for saturation of rollers and brushes.

Rates will change depending on surface profile (>CSP 3-4).

Thickness: Wet and dry film thickness (WFT- DFT): 80 mils

Re-coat and traffic times: Minimum 1 hour. If the surface is contaminated or overcoat times exceed 48 hours, clean with a clean cloth and **Henry® Pumadeq Cleaning Fluid**. Allow **Pumadeq Cleaning Fluid** to evaporate before over coating.

The new coating must be applied after 15 minutes minimum, 1 hour maximum of **Pumadeq Cleaning Fluid** application or it will have to be re-applied. MEK or Acetone can also be used, following the same procedures.

Product restrictions and limitations: If under catalyzed or mixing not thorough, the resin will not cure (remain sticky and smell). It must be completely removed by scrapping and wiping with **Pumadeq Cleaning Fluid**.

Pumadeq™ Flex 31MV

NOTE: Before using **Pumadeq Flex 31MV**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves, and safety goggles with side shields during mixing and application.

When **Pumadeq Flex 31MV** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapor as well as direct contact with skin or eyes. If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required. **Pumadeq Flex 31MV** has a low flashpoint; keep away from all sources of ignition and do not smoke. Uncured polymers, resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reactions.
Contact with skin – wash immediately with soap and water
Contact with eyes – rinse immediately with lots of water and seek medical attention

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions and working methods.

- For Henry® System Warranty and Gold Seal Warranty requirements, refer to the appropriate approved Henry® specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using **Pumadeq Cleaning Fluid**, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state, and local regulations. Dispose of all packaging in accordance with federal, state, and local regulations.

Packaging

2.5 gallons, in metal pail
5 gallons, in metal pail

Colors

White
Gray

Shelf Life/ Storage

One year in unopened containers stored between 50 °F (10 °C) and 75° F (24 °C) under dry, ventilated conditions and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



TECHNICAL DATA SHEET
Pumadeq™ Grip 40
Cold Fluid-Applied, PUMA, Wear/Traffic Coat

Physical Property	Typical Value	Test Method
Appearance	Gray, Clear (for use with colored aggregates)	-
Application Temperature (Ambient)	20 °F to 90 °F (-6 °C to 32 °C)	-
Solids Content by Volume	100%	-
Tensile Strength	>750psi	ASTM D638-08
Elongation	>250%	ASTM D638-08
VOC Content (maximum)	0 g/l	ASTM C1250-05

Description

Henry® Pumadeq™ Grip 40 is an elastic coating based on polyurethane modified methyl methacrylate (PUMA) technology. **Pumadeq** technology combines the speed of PMMA technology in its application with the elasticity of Polyurethane technology. PUMA technology exhibits much greater elongation and flexibility than PMMA technology. **Pumadeq Grip 40** is a hard wearing coating which is broadcast with aggregate to form a wearing or direct bonding surface for waterproofing applications and a traffic surface for pedestrian or vehicular traffic applications.

Features

- Cures within 1 hour, including temperatures below 40 °F (4 °C)
- Excellent elongation and elasticity
- Solvent-free
- No VOC's

Usage

Pumadeq Grip 40 is used as an aggregate holding, wear/traffic coat for Pumadeq systems. Pumadeq systems are used for:

- Protected Membrane Roofing
- IRMA
- Plaza Decks
- Green Roofs
- Split Slabs
- Parking Decks
- Balconies and Walkways
- Water Retention

Application

Site conditions: Provide odor control, including air fans and exhausts.

Seal air intakes with activated carbon filters, nearby windows and doors.

Ensure a constant supply of "fresh air", required to remove monomers (heavier than air) from the resin surface and allow for cure.

Surface preparation: All surfaces should be prepared as per the approved **Pumadeq System** specification.

The surface temperature must be at least 5 °F (-15° C) above the dew point and rising. Use a surface dew point meter. Air and surface temperatures must be between 20 °F (-7 °C) and 90 °F (32 °C).

For temperatures below 40 °F (4 °C) consult Henry Product Support: 800-486-1278.

Pumadeq™ Grip 40

Substrates to be coated must be firm, dry, load bearing, and primed with the appropriate Henry primer.

Any previous application of **Pumadeq** membrane must be free of dust and contaminants that would impair adhesion of **Pumadeq Grip 40**. If the surface is contaminated or overcoat times exceed 48 hours, wipe with **Henry® Pumadeq Cleaning Fluid** and clean cloths. After **Pumadeq Cleaning Fluid** evaporates (15 minutes), apply **Pumadeq Grip 40** within 1 hour or re-apply Cleaning Fluid.

If there are any doubts about the suitability of a substrate, further advice should be sought from a Henry® representative and a small trial area applied and tested appropriately.

Product mixing: Prior to using **Pumadeq Grip 40**, it must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with a clean, spiral, mixing paddle (Jiffy type, size according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product.

Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes).

Be aware that temperature conditions vary in areas of project and at different times of day. Adjust catalyst accordingly.

It is recommended to start by catalyzing 1 gallon of any **Pumadeq** membrane to determine pot life.

- 1) Pre-mix the resin for minimum 1 minute
- 2) Then mix resin together with **Pumadeq Catalyst**, for 1 minute minimum
A 1 volume oz. scoop is provided with each pail of catalyst
- 3) **Pumadeq Catalyst** blend is added in accordance with an average of membrane, resin, ambient and substrate temperatures guidelines:

At temperatures below 40 °F (4 °C), consult Henry® Product Support: 800-486-1278.

40 °F (4 °C)→ add 10 volume oz. per gallon resin

50 °F (10 °C)→ add 8 volume oz. per gallon resin

60 °F (16 °C)→ add 6 volume oz. per gallon resin

70 °F (21 °C)→ add 4 volume oz. per gallon resin

80 °F (27 °C)→ add 3 volume oz. per gallon resin

90 °F (32 °C)→ add 2 volume oz. per gallon resin

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot Life: 10-15 minutes if **Pumadeq Catalyst** mix volumes are followed. The working time of all **Pumadeq System** materials will be influenced by the amount of **Pumadeq Catalyst** added, the length of time they are mixed, how quickly they are removed from the mixing pail and the substrate and ambient temperatures. Apply onto substrate and spread to prolong working time.

Product Application: For best results, use small batch sizes (start with 1 gallon). After mixing thoroughly, apply onto surface as soon as possible. **Pumadeq Grip 40** is applied evenly by 3/16-1/4" V-notched squeegee, back rolled with a spiked or medium nap (1/2") roller and brush.

Do not install **Pumadeq Grip 40** beyond cured primer.

Rates different for PMR, Pedestrian + Vehicular.

Application Rate: Pumadeq Grip 40 should be applied @30-50sf/gallon, depending on Pumadeq specification.

Allow for saturation of rollers and brushes.

Rates will change depending on surface profile (>CSP 3-4).

WFT-DFT: 30-40mils

If forming a thicker coating, Henry Filler can be added to the catalyzed resin.

Re-coat and Traffic Times: Minimum 1 hour. If the surface is contaminated or overcoat times exceed 48 hours, clean with a clean cloth and **Pumadeq Cleaning Fluid**. Allow **Pumadeq Cleaning Fluid** to evaporate before over coating.

Pumadeq Grip 40 must be applied after 15 minutes minimum, 1 hour maximum of Cleaning Fluid application or Cleaning Fluid will have to be re-applied. MEK or Acetone can also be used, following the same procedures.

Product Restrictions and Limitations: If under catalyzed or mixing not thorough, the resin will not cure (remain sticky and smell). It must be completely removed by scrapping and wiping with **Pumadeq Cleaning Fluid**.

Pumadeq™ Grip 40

NOTE: Before using **Pumadeq Grip 40**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves and safety goggles with side shields during mixing and application.

When **Pumadeq Grip 40** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged.

Avoid strong concentration of vapor as well as direct contact with skin or eyes.

If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required.

Pumadeq Grip 40 has a low flashpoint; keep away from all sources of ignition and do not smoke.

Uncured polymers resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reactions.

Contact with skin – wash immediately with soap and water.

Contact with eyes – rinse immediately with lots of water and seek medical attention.

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions and working methods.

- For Henry® System Warranty and Gold Seal Warranty requirements, refer to the appropriate approved Henry® specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using Pumadeq Cleaning Fluid, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state and local regulations. Dispose of all packaging in accordance with federal, state and local regulations.

Packaging

5 gallons, in metal pails

Colors

Gray

Clear (for use with colored aggregates)

Shelf Life/ Storage

One year in unopened containers stored between 50 °F (10 °C) and 75 °F (24 °C) under dry, ventilated conditions, and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



TECHNICAL DATA SHEET
Deqcoat 50
Cold Fluid-Applied, PMMA, Top Coat

Physical Property	Typical Value	Test Method
Appearance	Gray, White, Clear	-
Application Temperature (Ambient)	20 °F to 90 °F (-6 °C to 32 °C), can be lower	-
Abrasion Resistance	45mg loss	ASTM C501-84 (2009) - C17 wheel, 1000 grams, 1000 cycles
Hardness	55, Shore D	ASTM C2240-05 (as per C836M-10)
Solids Content by Volume	100%	ASTM D1644-2001 Method A
Adhesion	> 425 psi, substrate failure	ASTM C1583/ ASTM C1583M-04
Tensile Strength	1146 psi	ASTM D638-08
Elongation	110%	ASTM D638-08
VOC Content (maximum)	0 g/l	ASTM C1250-05
Solar Reflectance	0.688	ASTM E1549
Solar Reflectance Index	84	ASTM E1980
Thermal Emittance	0.91	ASTM C 1371

Description

Henry® Deqcoat 50 is a hard, color stable coating based on polyurethane methyl methacrylate (PMMA) technology. **Deqcoat 50** is used as a colored topcoat for roof, and traffic systems. **Deqcoat 50** can also be used where the **Pumadeq** system is exposed.

Features

- Cures within 1 hour, including temperatures below 40 °F
- Abrasion and puncture resistant
- UV and Color Stable
- Solvent-free
- No VOC's

Usage

Deqcoat 50 is used as a hard wearing, color and UV stable topcoat in the **Henry® Pumadeq™ System**. **Pumadeq System** applications:

- Protected Membrane Roofing
- IRMA
- Plaza Decks
- Green Roofs
- Split Slabs
- Parking Decks
- Balconies and Walkways
- Water Retention

Application

Site conditions: Provide odor control, including air fans and exhausts.

Seal air intakes with activated carbon filters, nearby windows and doors.

Ensure a constant supply of "fresh air", required to remove monomers (heavier than air) from the resin surface and allow for cure.

Surface preparation: All surfaces should be prepared as per the approved **Pumadeq System** specification.

The surface temperature must be at least 5 °F above the dew point and rising. Use a surface dew point meter.

Air and surface temperatures must be between 20 °F and 90 °F.

Deqcoat 50

For temperatures below 40 °F consult Henry Technical Support: 800-486-1278.

Substrates to be coated must be firm, dry, load bearing, and primed with the appropriate Henry primer. Any previous application of Pumadeq membrane must be free of dust and contaminants that would impair adhesion of **Deqcoat 50**. If the surface is contaminated or overcoat times exceed 48 hours, wipe with Henry® **Pumadeq Cleaning Fluid** and clean cloths. After **Pumadeq Cleaning Fluid** evaporates (15 minutes), apply **Deqcoat 50** within 1 hour or re-apply Cleaning Fluid.

If there are any doubts about the suitability of a substrate, further advice should be sought from a Henry® representative and a small trial area applied and tested appropriately.

Product mixing: Prior to using **Deqcoat 50**, it must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with a CLEAN, spiral, mixing paddle (Jiffy type size according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product. **The mixing paddle and container must only be used for Deqcoat 50, to prevent contamination by other, non-color stable, Pumadeq materials.**

Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes). Be aware that temperature conditions vary in areas of project and at different times of day. Adjust catalyst accordingly. It is recommended to start by catalyzing 1 gallon of any Pumadeq to determine pot life.

- 1) Pre-mix the **Deqcoat 50** for minimum 1 minute
- 2) Then mix **Deqcoat 50** together with **Pumadeq Catalyst**, for 1 minute minimum
A 1 volume oz. scoop is provided with each pail of catalyst
- 3) **Pumadeq Catalyst volume is noted below and is determined by the average of three temperatures: Pumadeq membrane temperature, ambient temperature and substrate temperatures:**

At temperatures below 40 °F, consult Henry® Product Support: 800-486-1278.

- 40 °F → add 7 volume oz. per gallon
- 50 °F → add 5 volume oz. per gallon
- 60 °F → add 4 volume oz. per gallon
- 70 °F → add 3 volume oz. per gallon
- 80 °F → add 2.5 volume oz. per gallon
- 90 °F → add 2 volume oz. per gallon

Deqcoat 50 requires less catalyst than other Pumadeq materials. Do not add too much catalyst, this may cause material yellowing. Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently.

Pot life: 10-15 minutes if **Pumadeq Catalyst** mix volumes are followed. The working time of all **Pumadeq System** materials will be influenced by the amount of **Pumadeq Catalyst** added, the length of time they are mixed, how quickly they are removed from the mixing pail and the substrate and ambient temperatures. Apply onto substrate and spread to prolong working time.

Product application: MUST use clean tools not used with other Pumadeq materials.

For best results use small batch sizes (start with 1 gallon). After mixing thoroughly, apply onto surface as soon as possible.

Deqcoat 50 is applied evenly by medium nap (1/2") roller and brush.

Apply second coat at right angles to first coat.

Application rate: **Deqcoat 50** is applied in two coats:

Install first (1) coat at 80 sq.ft/gal.

Apply second (1) coat, at 120 sq.ft/gal.

Total two coats = 40 sq.ft/gal.

Allow for saturation of rollers and brushes

Thickness: Wet and dry film thickness (WFT-DFT):

Dry film thickness (DFT) of:

First Coat = 20 mils

Second Coat = 12 mils

Total two coats should be a minimum of 32 mils.

Rates will change depending on surface profile (>CSP 3-4).

Re-coat and traffic times: Minimum 1 hour. If the surface is contaminated or overcoat times exceed 48 hours, clean with a clean cloth and **Pumadeq Cleaning Fluid**. Allow **Pumadeq Cleaning Fluid** to evaporate before over coating.

Deqcoat 50

Deqcoat 50 must be applied after 15 minutes minimum, 1 hour maximum of Cleaning Fluid application or it will have to be re-applied. MEK or Acetone can also be used, following the same procedures.

Product restrictions and limitations: If under catalyzed or mixing not thorough, the resin will not cure (remain sticky and smell). It must be completely removed by scrapping and wiping with **Pumadeq Cleaning Fluid**.

Deqcoat 50 requires less catalyst than other materials. Do not over catalyze, this may cause yellowing. Must use clean mixing paddle and tools not used for with other **Pumadeq System** materials.

NOTE: Before using **Deqcoat 50**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves and safety goggles with side shields during mixing and application.

When **Deqcoat 50** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapor as well as direct contact with skin or eyes.

If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required.

Deqcoat 50 has a low flashpoint; keep away from all sources of ignition and do not smoke.

Uncured polymers resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reactions.

Contact with skin – wash immediately with soap and water.

Contact with eyes – rinse immediately with lots of water and seek medical attention.

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions and working methods.

- For Henry[®] System Warranty and Gold Seal Warranty requirements, refer to the appropriate approved Henry[®] specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using **Pumadeq Cleaning Fluid**, Acetone, or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state and local regulations. Dispose of all packaging in accordance with federal, state and local regulations.

Packaging

5 gallons, in metal pails

Colors

White

Gray

Clear (for use with colored aggregates)

Custom colors on demand

Shelf Life/ Storage

Six months in unopened containers stored between 50 °F and 75 °F under dry, ventilated conditions, and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's[®] product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry[®] Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry[®] Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.

SAFETY DATA SHEET



Issue Date 01-Jan-2018

Revision Date 01-Jan-2018

Version 1

1. IDENTIFICATION

Product identifier

Product Name PUMADEQ FLEX 30SL - WHITE

Other means of identification

Product Code HEPU860

UN/ID no UN1866

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Industrial Coatings

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

HENRY COMPANY

999 N. Sepulveda Blvd., Suite 800

El Segundo, CA 90245-2716

Web Site: www.henry.com www.ca.henry.com

Emergency telephone number

Company Phone Number 800-486-1278

Emergency Telephone US and Canada only (toll-free) : 3E Company - 1-866-519-4752 (access code 334832)
US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)
Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause respiratory irritation

Highly flammable liquid and vapor



Appearance viscous

Physical state liquid

Odor Strong Aromatic

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ ventilating / lighting/ / equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

May be harmful if inhaled. Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

Chemical Name	CAS No	Weight-%
Resin-polymer Blend *	Proprietary	40 - 70
Methyl methacrylate *	80-62-6	10 - 30
2-Ethylhexyl acrylate *	103-11-7	10 - 30
Titanium dioxide *	13463-67-7	1 - 5
Silica, amorphous, fumed, crystalline-free *	112945-52-5	1 - 5

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice	Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician. Artificial respiration and/or oxygen may be necessary.
Ingestion	Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause redness and tearing of the eyes. May cause skin irritation. Redness. Coughing and/ or wheezing.
-----------------	---

Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
---------------------------	--

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or regular foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization in susceptible persons. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Flammable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Burning produces heavy smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use personal protective equipment as required. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers.

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases. Amines. Halogens.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl methacrylate 80-62-6	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 410 mg/m ³	IDLH: 1000 ppm TWA: 100 ppm TWA: 410 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls Minimize exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Strong Aromatic
Appearance	viscous	Odor threshold	0.34 ppm
Color	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	-18 °C / 0 °F	
Boiling point / boiling range	101 °C / 213 °F	
Flash point	12 °C / 53 °F	Tag Closed Cup
Evaporation rate	3.1 (nBuOAc = 1)	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	12.5%	
Lower flammability limit:	2.1%	
Vapor pressure	4.7	@ 20 °C
Vapor density	No information available	
Relative density	1.36	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	>250 C	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Not an explosive	
Oxidizing properties	Not applicable	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Amines. Halogens.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	May cause irritation.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Based on available data, the classification criteria are not met.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl methacrylate 80-62-6	= 7900 mg/kg (Rat) = 7872 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 4632 ppm (Rat) 4 h
2-Ethylhexyl acrylate 103-11-7	= 4435 mg/kg (Rat)	= 7522 mg/kg (Rabbit)	-
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Silica, amorphous, fumed, crystalline-free 112945-52-5	= 3160 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms	May cause an allergic skin reaction. May cause redness and tearing of the eyes. May cause skin irritation. Redness. Coughing and/ or wheezing.
-----------------	--

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Resin-polymer Blend	-	Group 3	-	-
Methyl methacrylate 80-62-6	-	Group 3	-	-
2-Ethylhexyl acrylate 103-11-7	-	Group 3	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Silica, amorphous, fumed, crystalline-free 112945-52-5	-	Group 3	-	-

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	May cause disorder and damage to the. Respiratory system. Eyes. Skin.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Chronic toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Target Organ Effects	Eyes, Respiratory system, Skin, lungs.
Aspiration hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	7,872.00 mg/kg
ATEmix (dermal)	5,005.00 mg/kg
ATEmix (inhalation-vapor)	4,632.00 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methyl methacrylate 80-62-6	170: 96 h Pseudokirchneriella subcapitata mg/L EC50	243 - 275: 96 h Pimephales promelas mg/L LC50 flow-through 125.5 - 190.7: 96 h Pimephales promelas mg/L LC50 static 153.9 - 341.8: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 79: 96 h Oncorhynchus mykiss mg/L LC50 static 170 - 206: 96 h Lepomis macrochirus mg/L LC50 flow-through 326.4 - 426.9: 96 h Poecilia reticulata mg/L LC50 static	69: 48 h Daphnia magna mg/L EC50
2-Ethylhexyl acrylate 103-11-7	44: 72 h Desmodosmus subspicatus mg/L EC50 47: 96 h Desmodosmus subspicatus mg/L EC50	23: 48 h Leuciscus idus melanotus mg/L LC50	17.45: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

Chemical Name	Partition coefficient
Methyl methacrylate 80-62-6	0.7
2-Ethylhexyl acrylate 103-11-7	4.64

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

US EPA Waste Number

D001 U162

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl methacrylate 80-62-6	U162	Included in waste stream: F039	-	U162

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Methyl methacrylate	Toxic

80-62-6

Ignitable

14. TRANSPORT INFORMATION**DOT**

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
Special Provisions	149, B52, IB2, T4, TP1, TP8
Description	UN1866, Resin solution, 3, II
Emergency Response Guide Number	127

TDG

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
Description	UN1866, Resin solution, 3, II

IATA

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3
Description	UN1866, Resin solution, 3, II

IMDG

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-E
Description	UN1866, Resin solution, 3, II, (12°C c.c.)

15. REGULATORY INFORMATION**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Methyl methacrylate - 80-62-6	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Methyl methacrylate 80-62-6	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methyl methacrylate 80-62-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methyl methacrylate 80-62-6	X	X	X
2-Ethylhexyl acrylate 103-11-7	X	X	X
Titanium dioxide 13463-67-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 3	Physical hazards 0	Personal protection X

Issue Date 01-Jan-2018

Revision Date 01-Jan-2018

Revision Note

No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

SAFETY DATA SHEET



Issue Date 01-Jan-2018

Revision Date 23-Jan-2018

Version 1

1. IDENTIFICATION

Product identifier

Product Name PUMADEQ FLEX 30SL - GRAY

Other means of identification

Product Code HEPU860G

UN/ID no UN1866

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Industrial Coatings

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

HENRY COMPANY

999 N. Sepulveda Blvd., Suite 800

El Segundo, CA 90245-2716

Web Site: www.henry.com www.ca.henry.com

Emergency telephone number

Company Phone Number 800-486-1278

Emergency Telephone US and Canada only (toll-free) : 3E Company - 1-866-519-4752 (access code 334832)
US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)
Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause respiratory irritation

Highly flammable liquid and vapor



Appearance viscous

Physical state liquid

Odor Strong Aromatic

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ ventilating / lighting/ / equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

May be harmful if inhaled. Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

Chemical Name	CAS No	Weight-%
Resin-polymer Blend *	Proprietary	40 - 70
Methyl methacrylate *	80-62-6	10 - 30
2-Ethylhexyl acrylate *	103-11-7	10 - 30
Titanium dioxide *	13463-67-7	1 - 5
Silica, amorphous, fumed, crystalline-free *	112945-52-5	1 - 5

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice	Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician. Artificial respiration and/or oxygen may be necessary.
Ingestion	Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause redness and tearing of the eyes. May cause skin irritation. Redness. Coughing and/ or wheezing.
-----------------	---

Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
---------------------------	--

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or regular foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization in susceptible persons. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Flammable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Burning produces heavy smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use personal protective equipment as required. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers.

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases. Amines. Halogens.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl methacrylate 80-62-6	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 410 mg/m ³	IDLH: 1000 ppm TWA: 100 ppm TWA: 410 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls Minimize exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Strong Aromatic
Appearance	viscous	Odor threshold	0.34 ppm
Color	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	-18 °C / 0 °F	
Boiling point / boiling range	101 °C / 213 °F	
Flash point	12 °C / 53 °F	Tag Closed Cup
Evaporation rate	3.1 (nBuOAc = 1)	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	12.5%	
Lower flammability limit:	2.1%	
Vapor pressure	4.7	@ 20 °C
Vapor density	No information available	
Relative density	1.36	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	>250 C	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Not an explosive	
Oxidizing properties	Not applicable	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Amines. Halogens.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	May cause irritation.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Based on available data, the classification criteria are not met.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl methacrylate 80-62-6	= 7900 mg/kg (Rat) = 7872 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 4632 ppm (Rat) 4 h
2-Ethylhexyl acrylate 103-11-7	= 4435 mg/kg (Rat)	= 7522 mg/kg (Rabbit)	-
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Silica, amorphous, fumed, crystalline-free 112945-52-5	= 3160 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms	May cause an allergic skin reaction. May cause redness and tearing of the eyes. May cause skin irritation. Redness. Coughing and/ or wheezing.
-----------------	--

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Resin-polymer Blend	-	Group 3	-	-
Methyl methacrylate 80-62-6	-	Group 3	-	-
2-Ethylhexyl acrylate 103-11-7	-	Group 3	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Silica, amorphous, fumed, crystalline-free 112945-52-5	-	Group 3	-	-

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	May cause disorder and damage to the. Respiratory system. Eyes. Skin.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Chronic toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Target Organ Effects	Eyes, Respiratory system, Skin, lungs.
Aspiration hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 7,872.00 mg/kg
 ATEmix (dermal) 5,005.00 mg/kg
 ATEmix (inhalation-vapor) 4,632.00 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methyl methacrylate 80-62-6	170: 96 h Pseudokirchneriella subcapitata mg/L EC50	243 - 275: 96 h Pimephales promelas mg/L LC50 flow-through 125.5 - 190.7: 96 h Pimephales promelas mg/L LC50 static 153.9 - 341.8: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 79: 96 h Oncorhynchus mykiss mg/L LC50 static 170 - 206: 96 h Lepomis macrochirus mg/L LC50 flow-through 326.4 - 426.9: 96 h Poecilia reticulata mg/L LC50 static	69: 48 h Daphnia magna mg/L EC50
2-Ethylhexyl acrylate 103-11-7	44: 72 h Desmodemus subspicatus mg/L EC50 47: 96 h Desmodemus subspicatus mg/L EC50	23: 48 h Leuciscus idus melanotus mg/L LC50	17.45: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

Chemical Name	Partition coefficient
Methyl methacrylate 80-62-6	0.7
2-Ethylhexyl acrylate 103-11-7	4.64

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

US EPA Waste Number

D001 U162

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl methacrylate 80-62-6	U162	Included in waste stream: F039	-	U162

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Methyl methacrylate	Toxic

80-62-6

Ignitable

14. TRANSPORT INFORMATION**DOT**

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
Special Provisions	149, B52, IB2, T4, TP1, TP8
Description	UN1866, Resin solution, 3, II
Emergency Response Guide Number	127

TDG

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
Description	UN1866, Resin solution, 3, II

IATA

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3
Description	UN1866, Resin solution, 3, II

IMDG

UN/ID no	UN1866
Proper shipping name	Resin solution
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-E
Description	UN1866, Resin solution, 3, II, (12°C c.c.)

15. REGULATORY INFORMATION**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Methyl methacrylate - 80-62-6	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Methyl methacrylate 80-62-6	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methyl methacrylate 80-62-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methyl methacrylate 80-62-6	X	X	X
2-Ethylhexyl acrylate 103-11-7	X	X	X
Titanium dioxide 13463-67-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 3	Physical hazards 0	Personal protection X

Issue Date 01-Jan-2018

Revision Date 23-Jan-2018

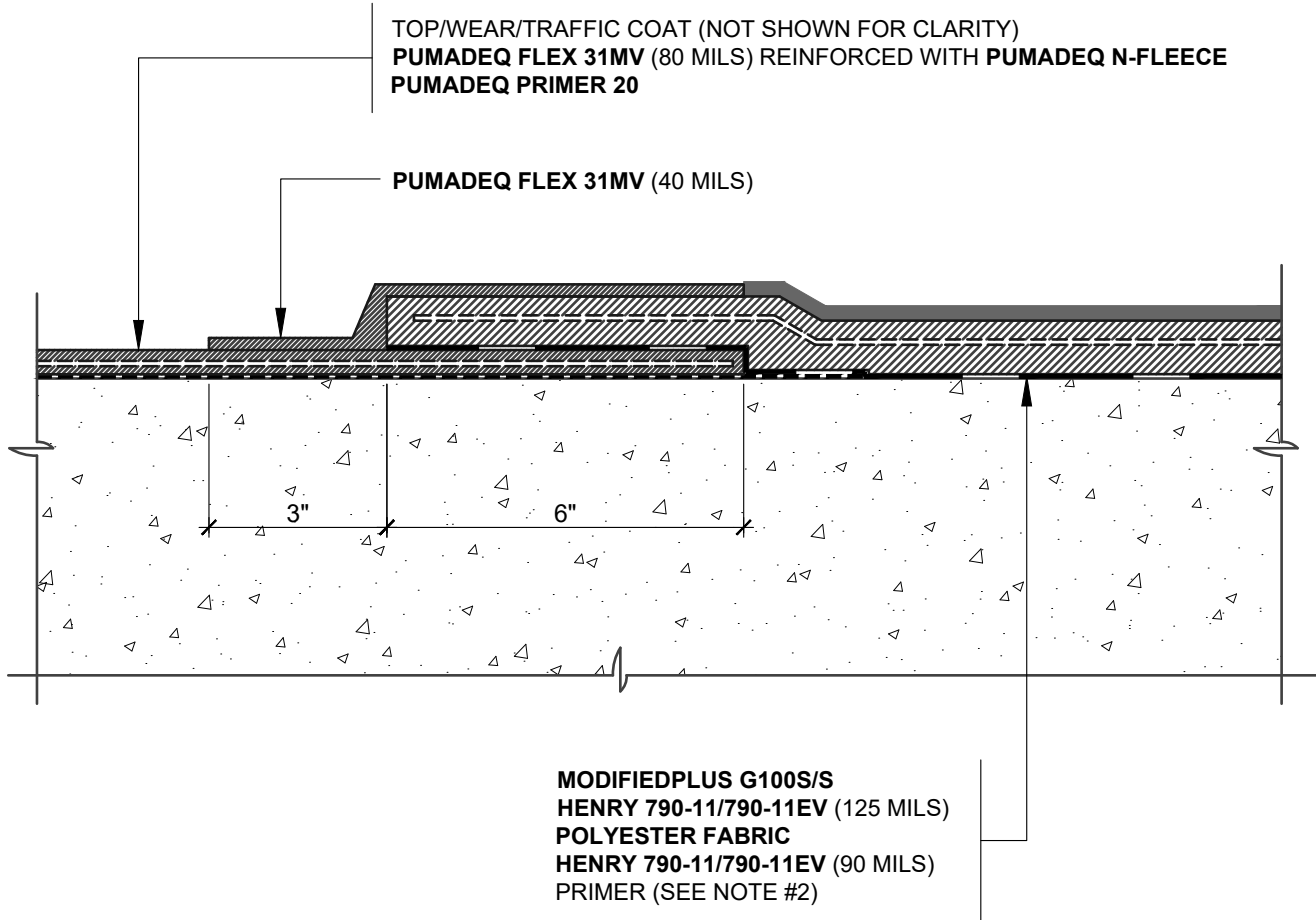
Revision Note

No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** HOT RUBBERIZED ASPHALT WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

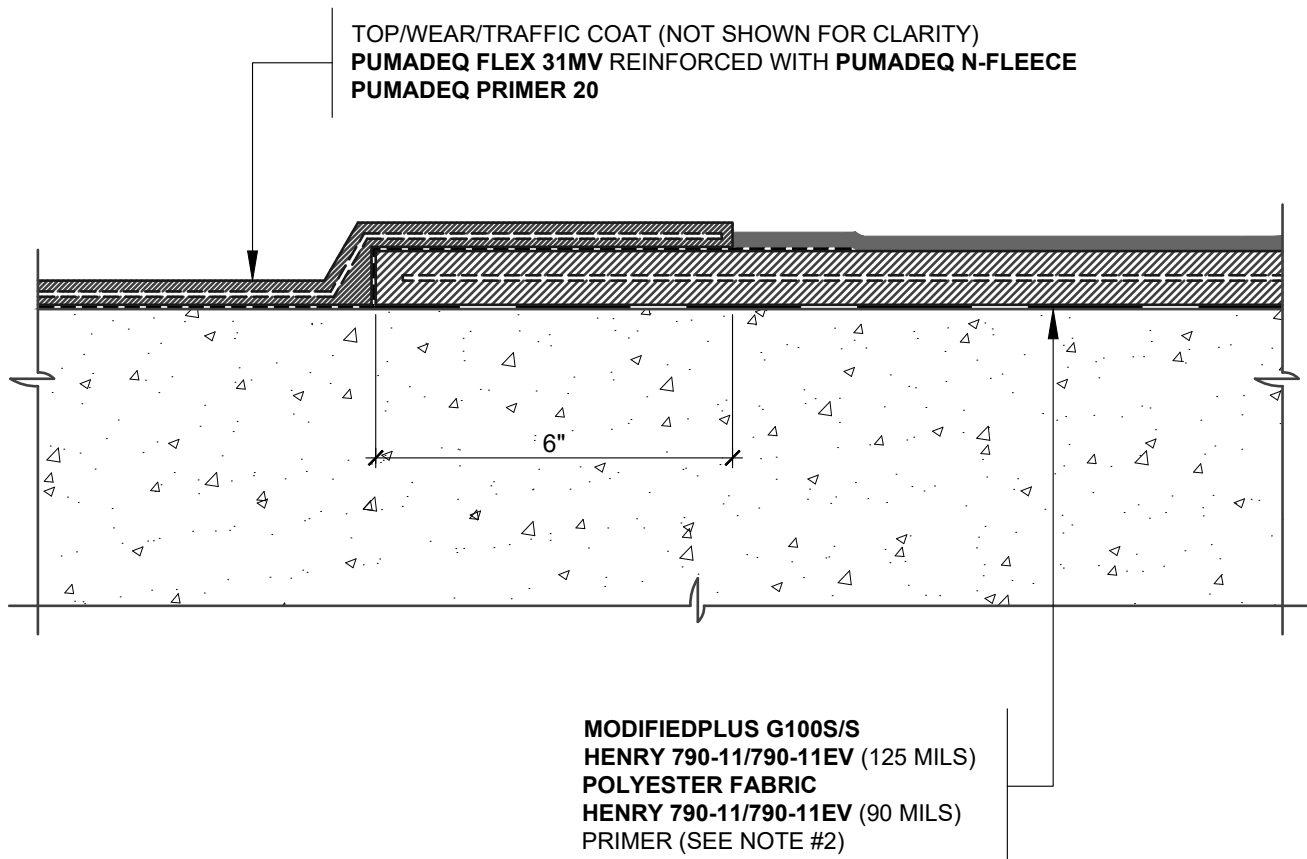
TIE-IN DETAIL

**DISSIMILAR MATERIAL TRANSITIONS
 HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3A1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** HOT RUBBERIZED ASPHALT WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

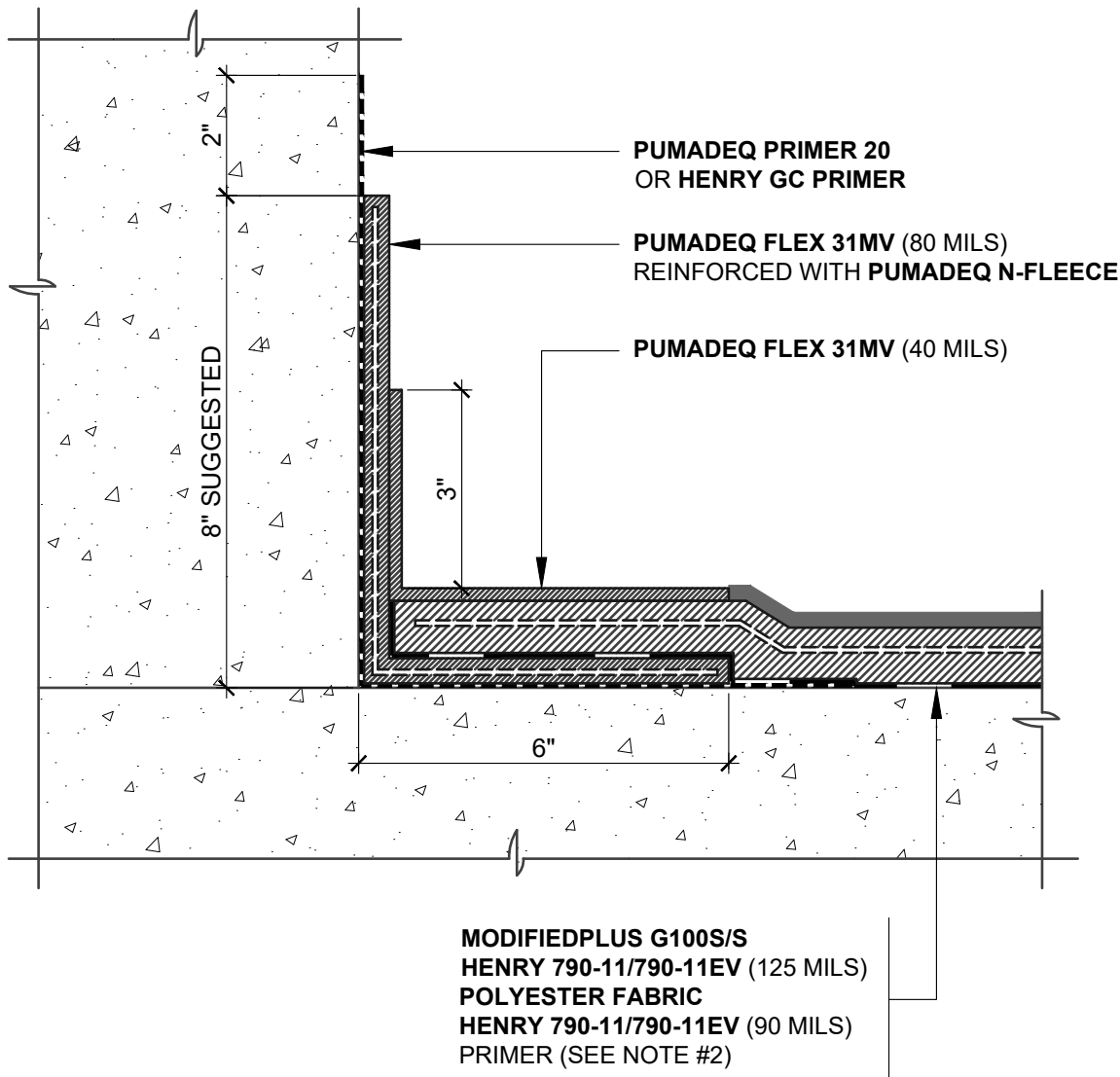
TIE-IN DETAIL

**DISSIMILAR MATERIAL TRANSITIONS
 HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3A2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

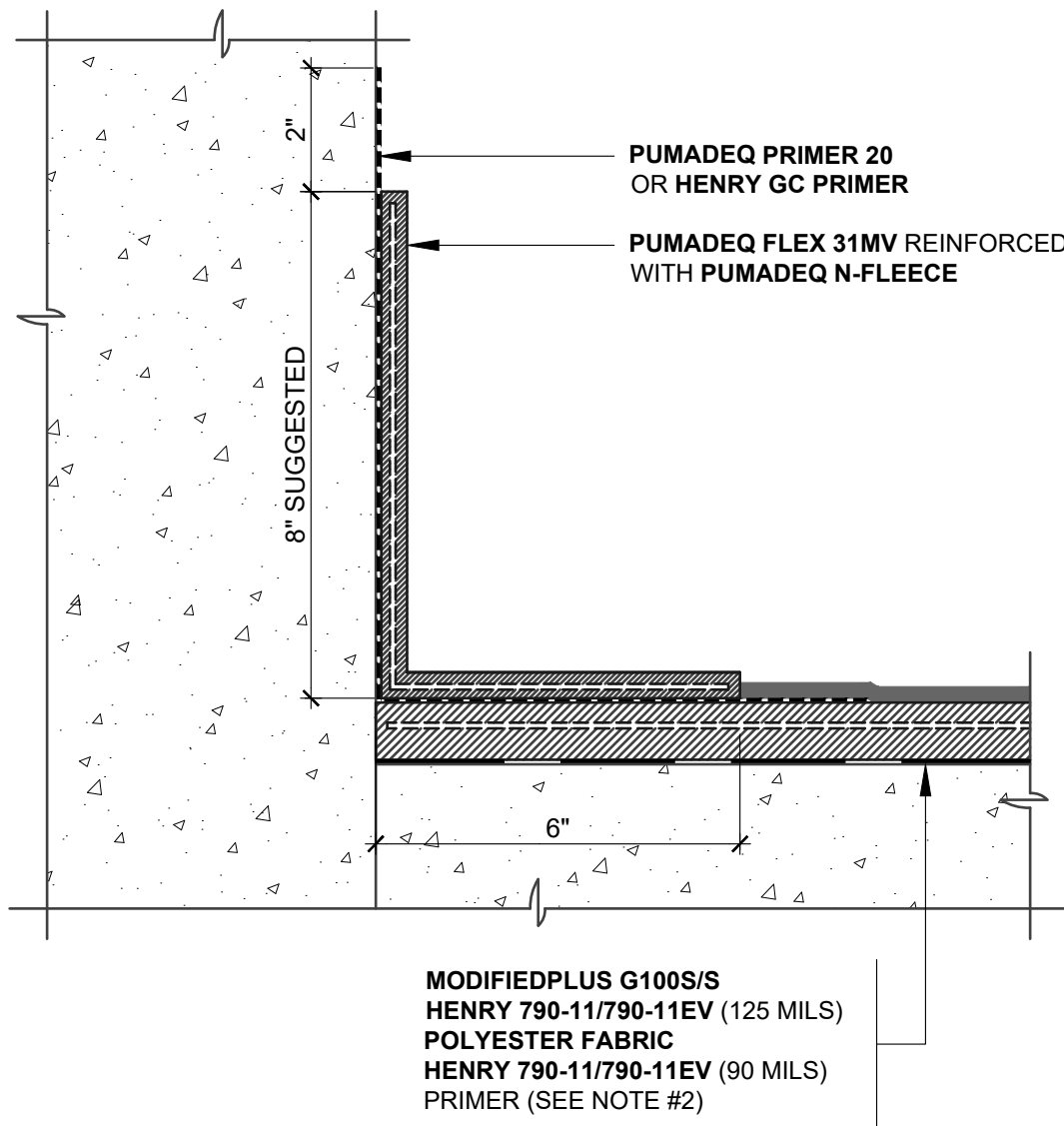
CURB FLASHING

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

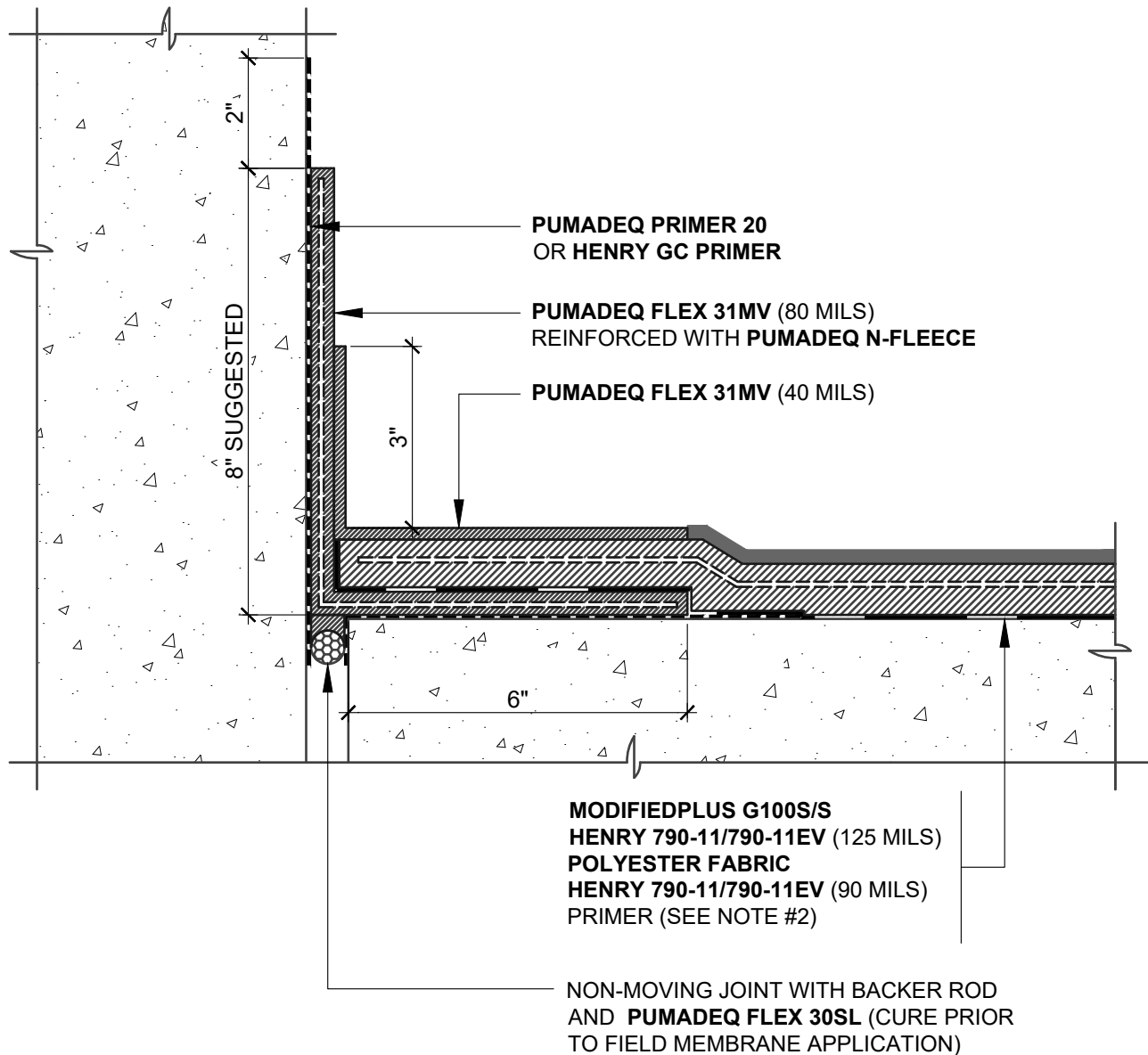
CURB FLASHING

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

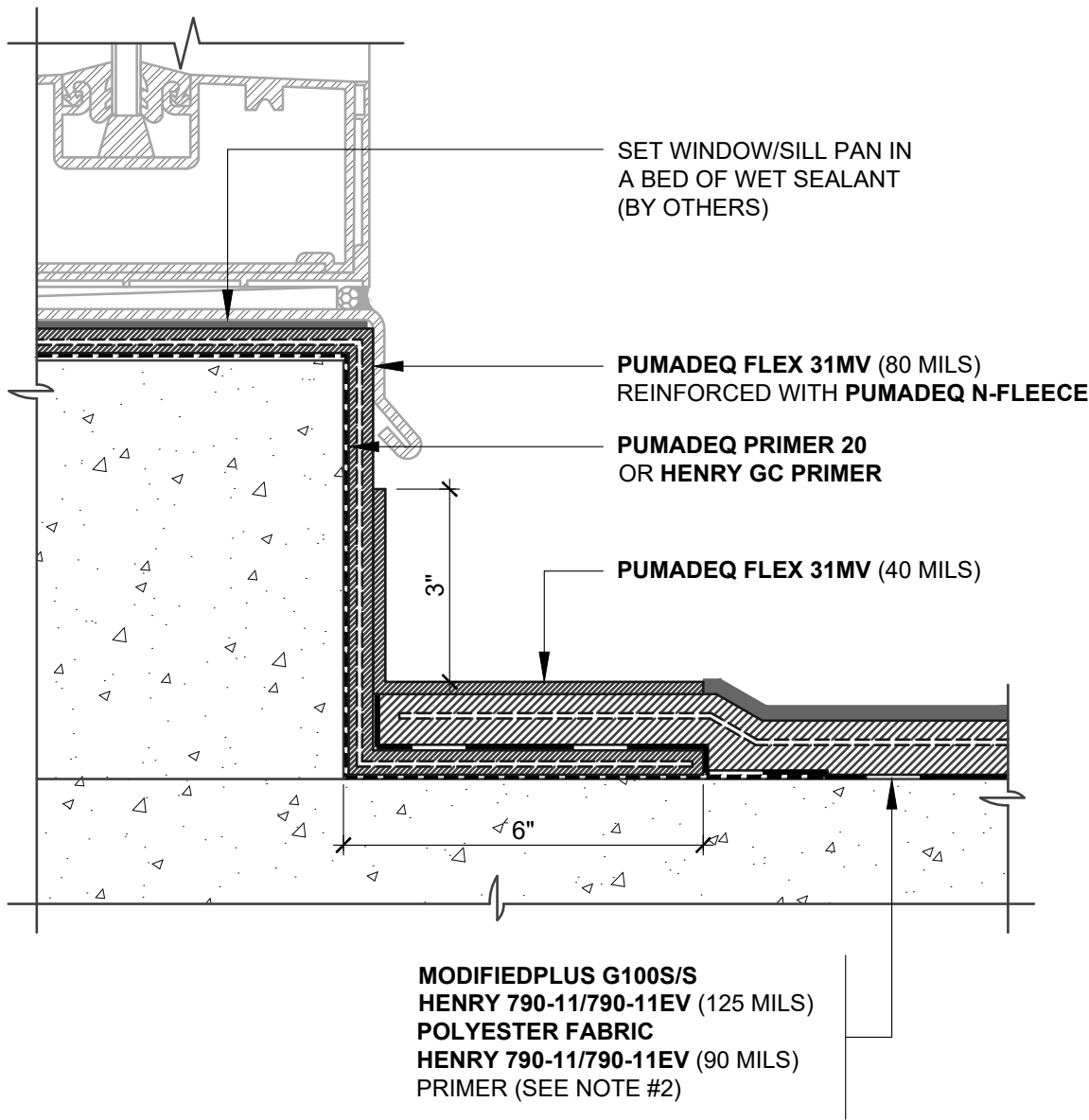
NON-MOVING JOINT

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C3



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

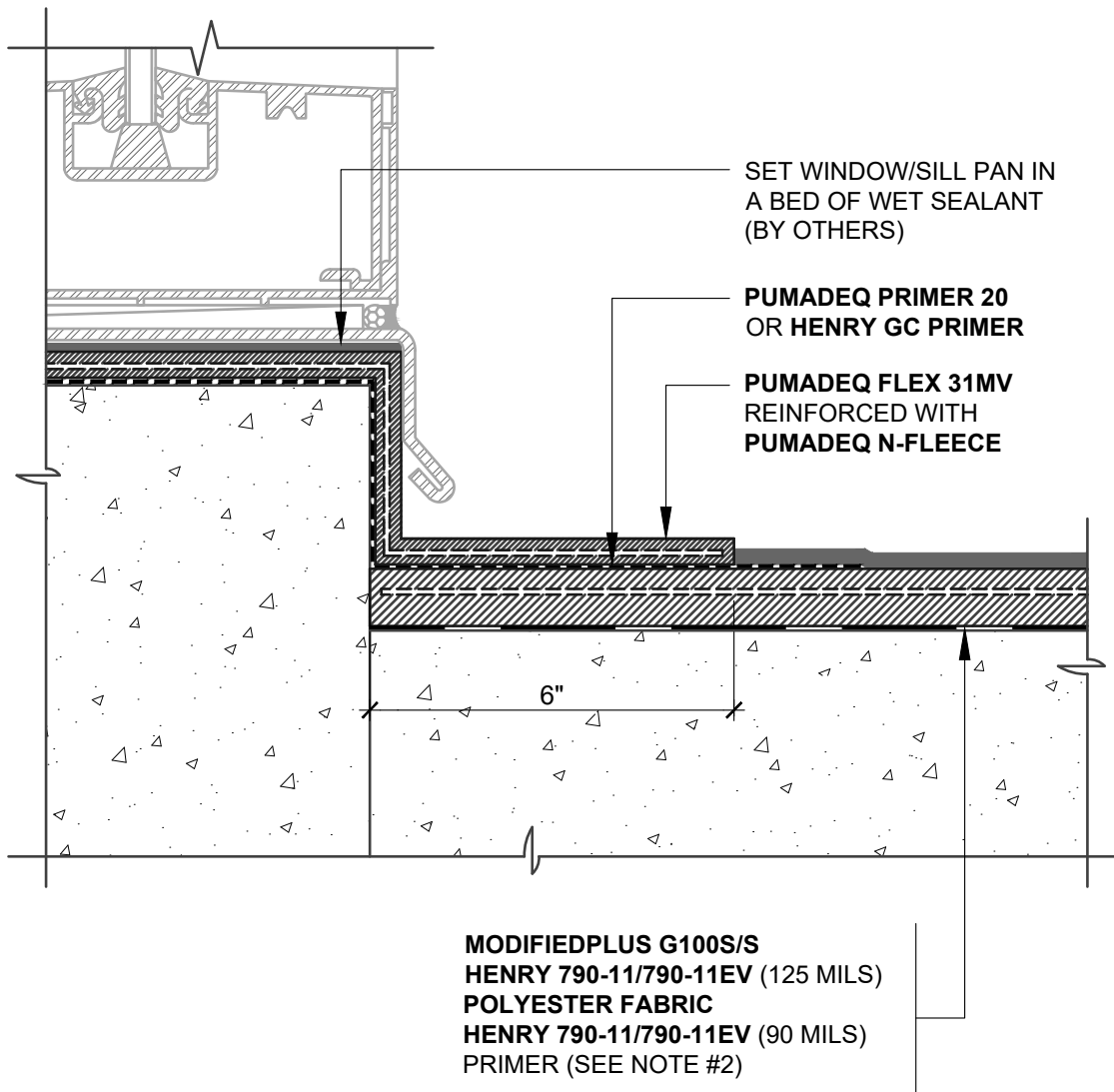
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C4



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

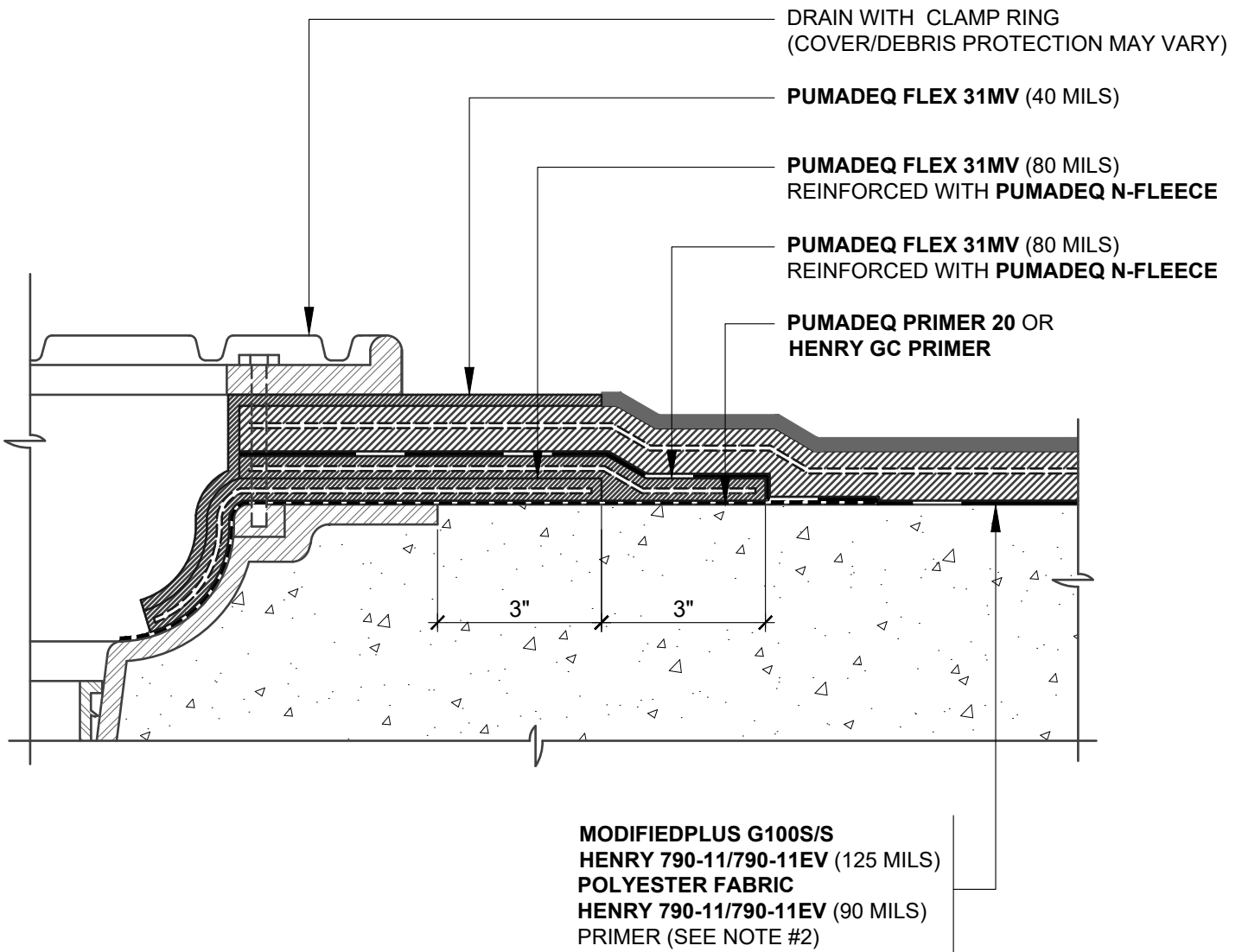
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C5



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

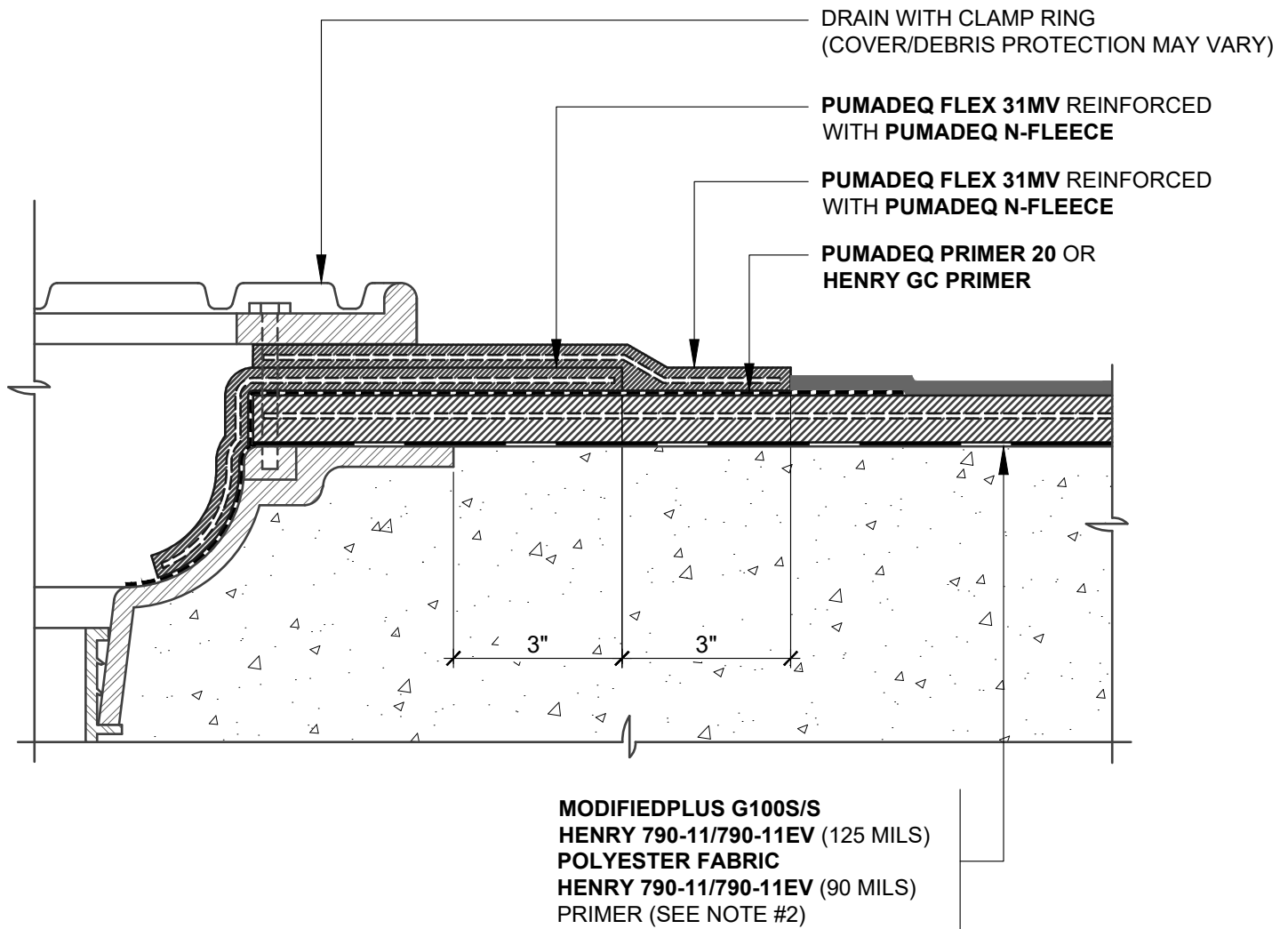
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**DRAIN -CLAMPING RING
FLASHING AT DRAIN WITH CLAMPING RING
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3D1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

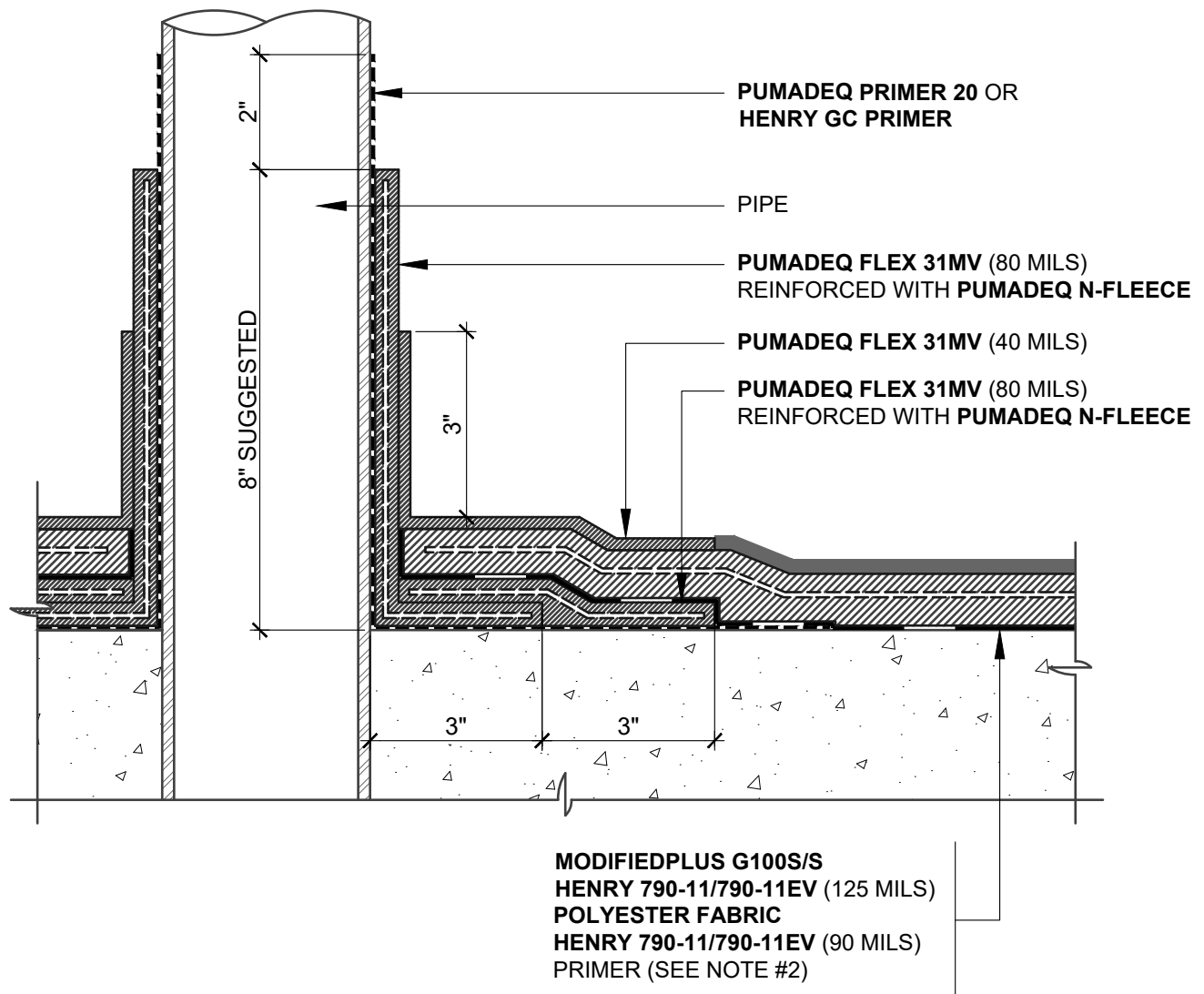
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**DRAIN -CLAMPING RING
FLASHING AT DRAIN WITH CLAMPING RING
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3D2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
6. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

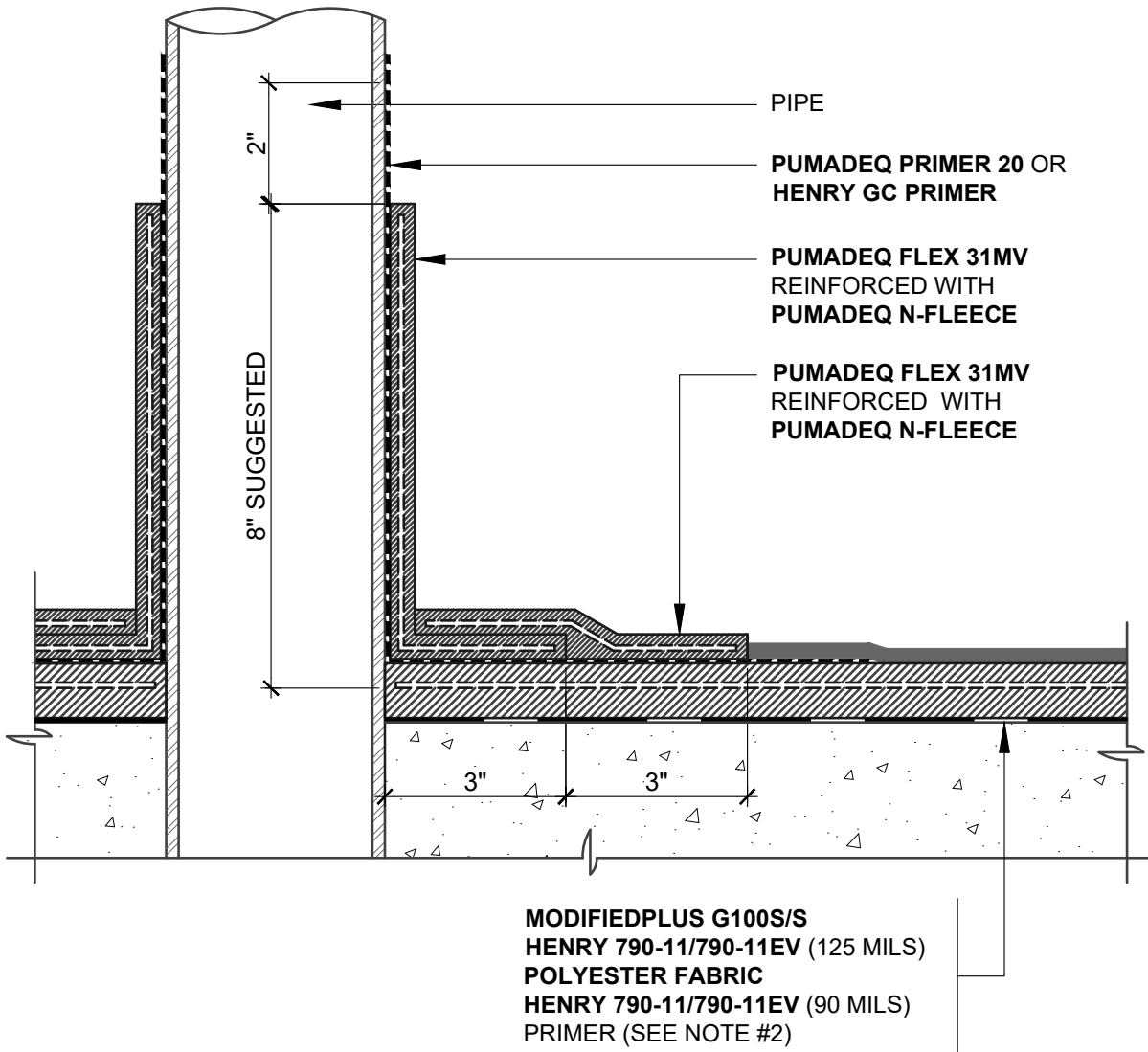
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

08-26-2019

790-11-TID-3P1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
6. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

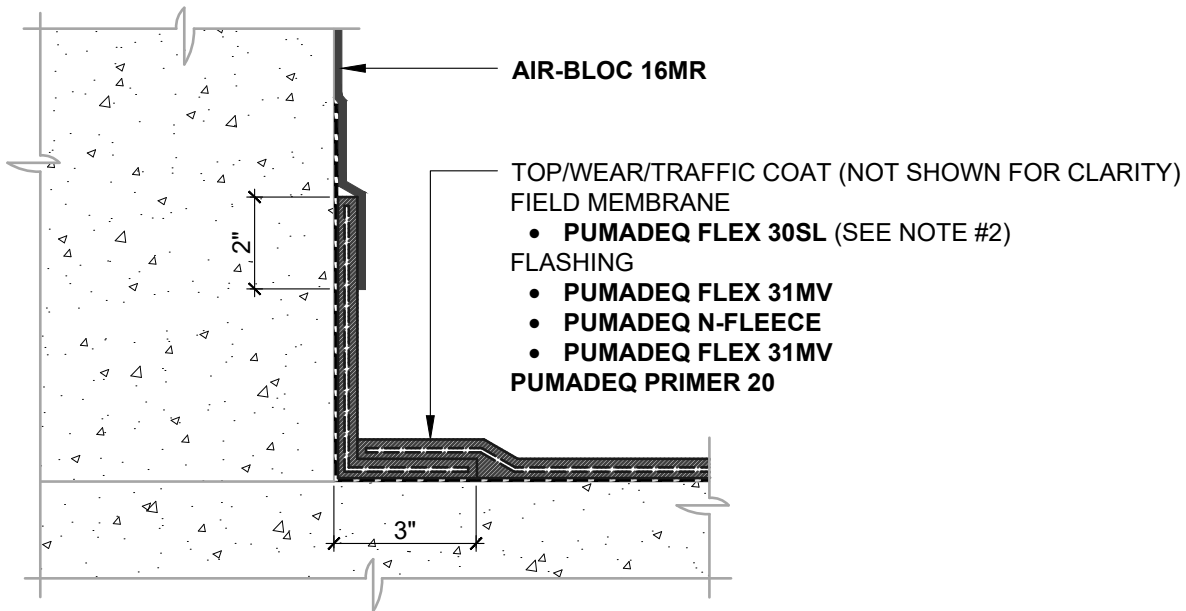
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

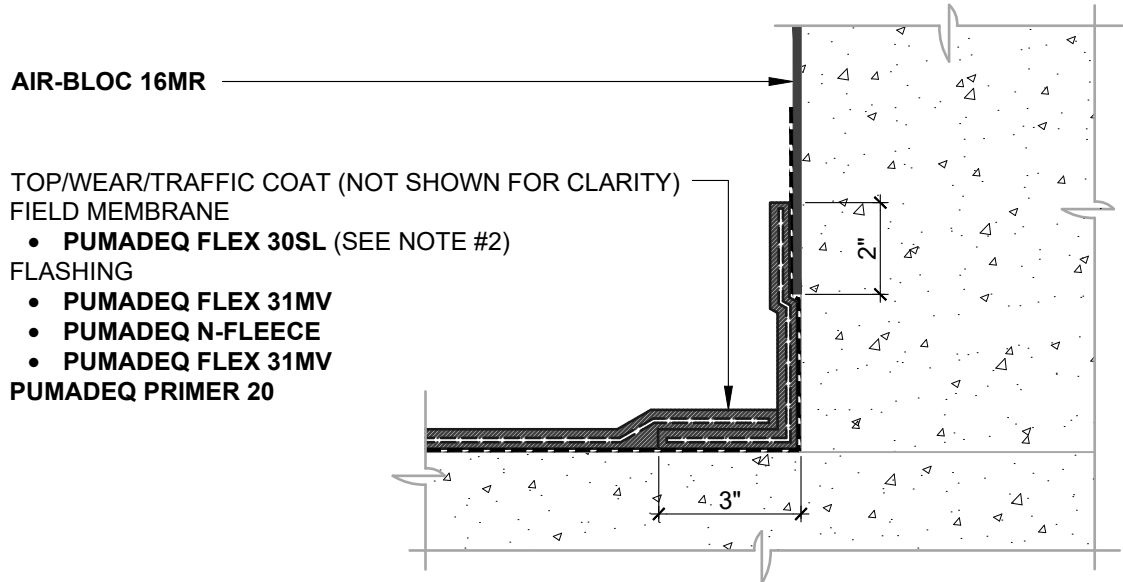
SCALE: N.T.S.

07-08-2019

790-11-TID-3P2



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM
N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM
N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 16MR AIR AND VAPOR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 16MR TIE-IN TO PUMADEC SYSTEM

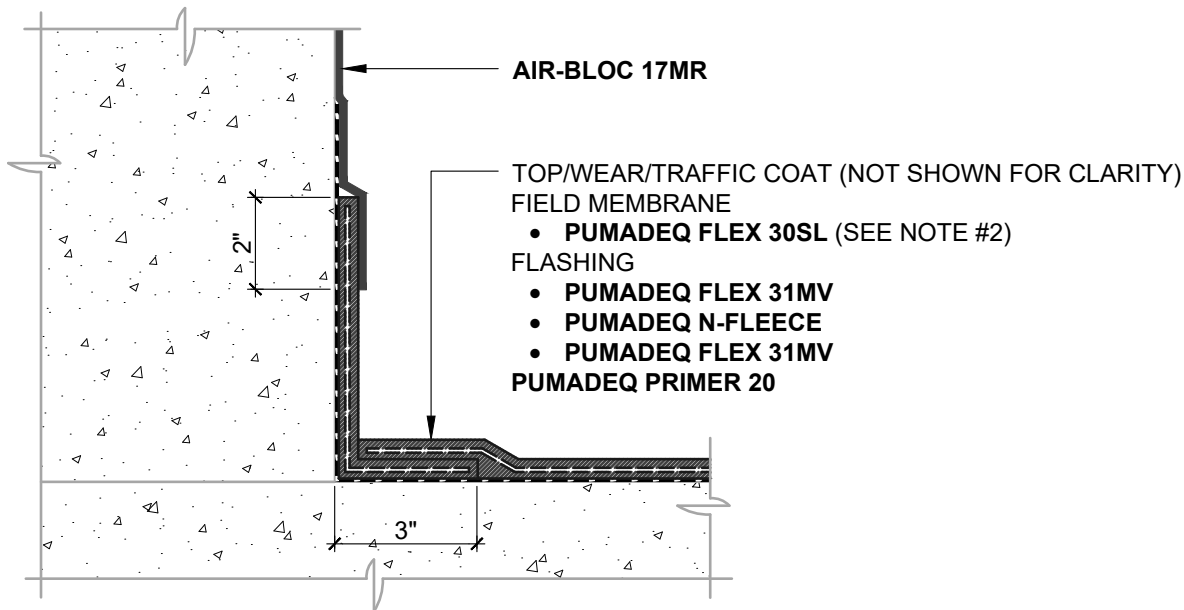
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

06-05-2019

AB16MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

AIR-BLOC 17MR

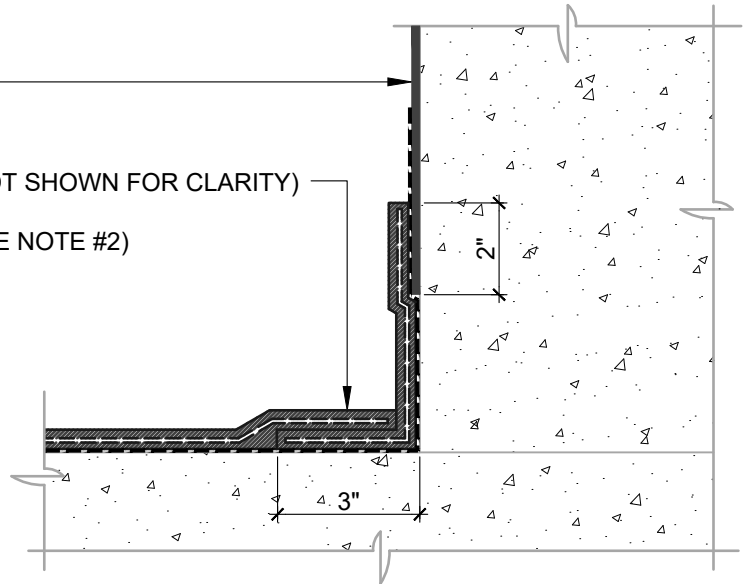
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 17MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 17MR TIE-IN TO PUMADEC SYSTEM

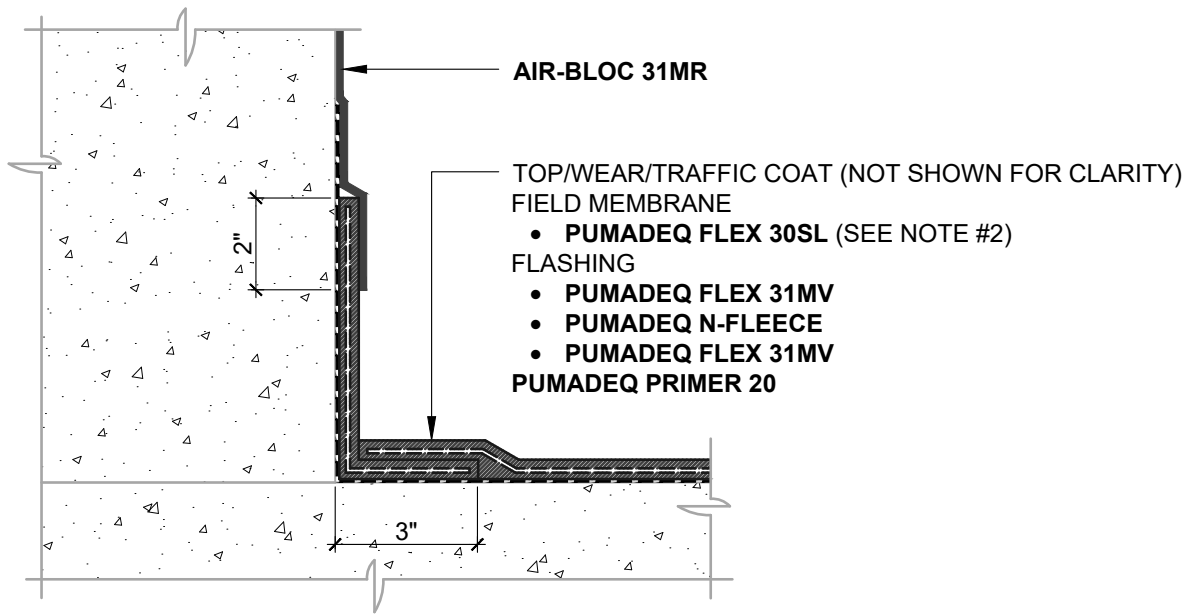
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

06-05-2019

AB17MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM
N.T.S

AIR-BLOC 31MR

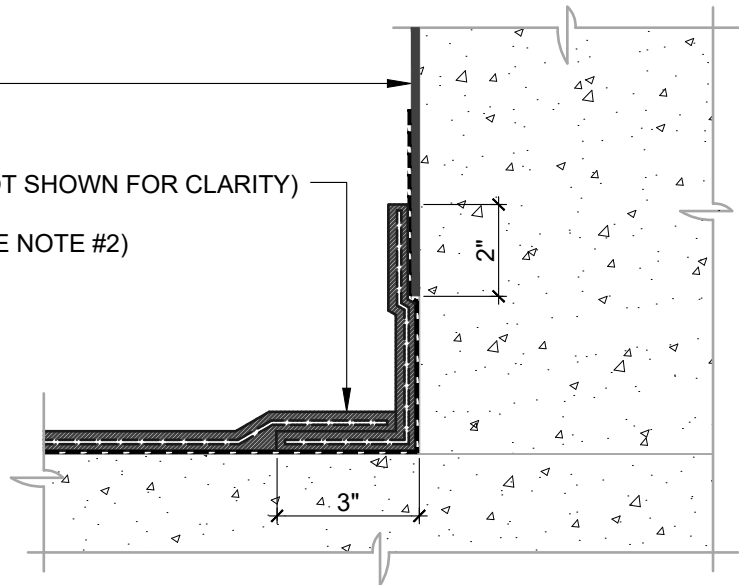
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

 FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

 PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM
N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 31MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 31MR TIE-IN TO PUMADEC SYSTEM

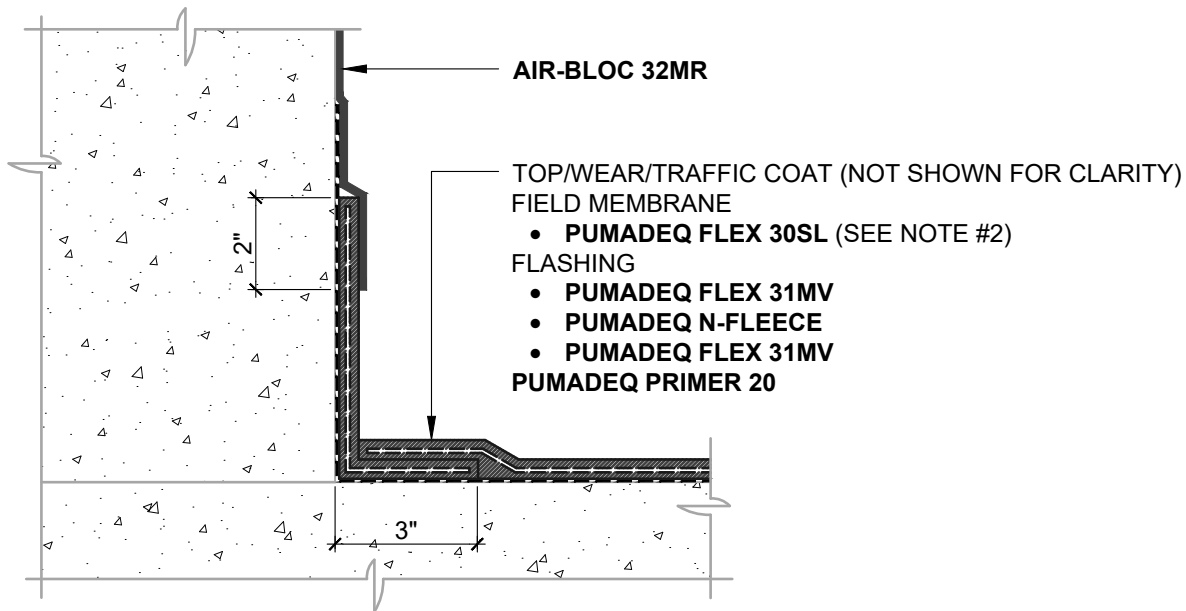
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

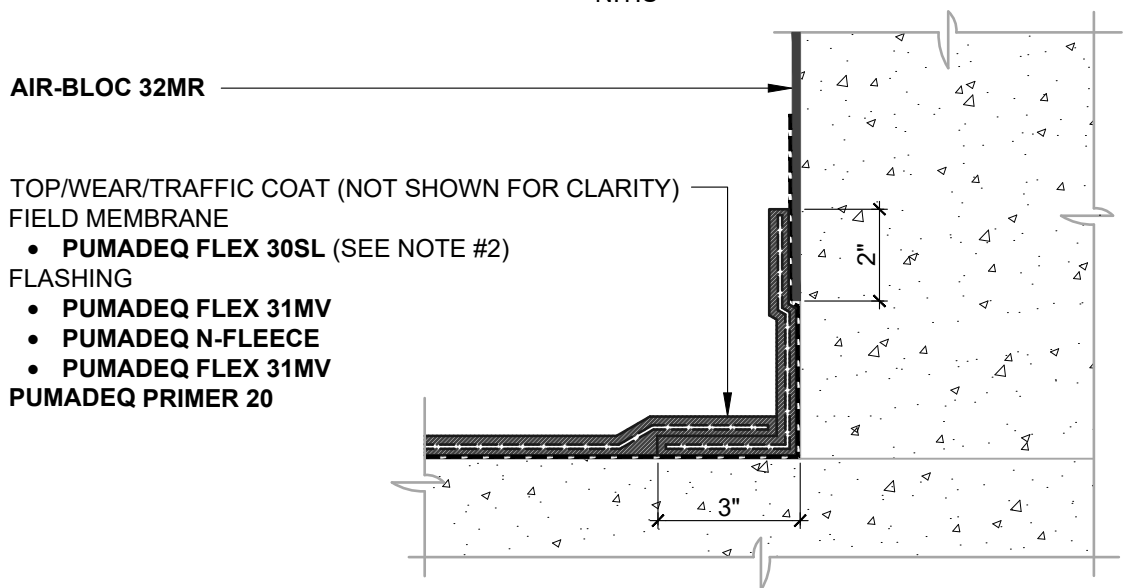
06-05-2019

AB31MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 32MR AIR AND VAPOR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 32MR TIE-IN TO PUMADEC SYSTEM

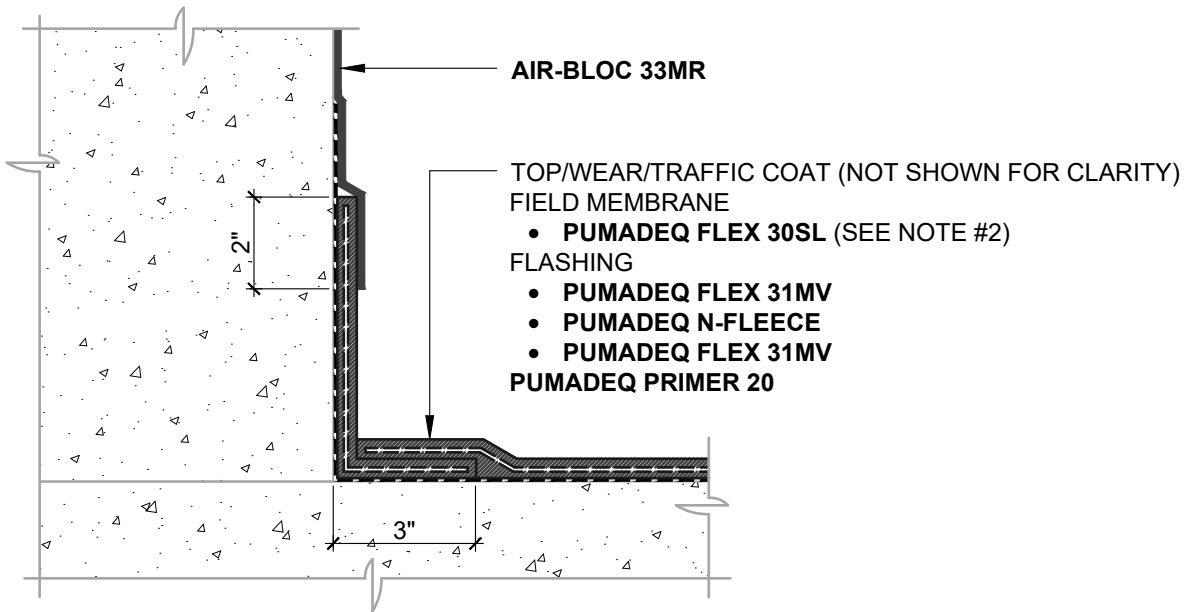
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

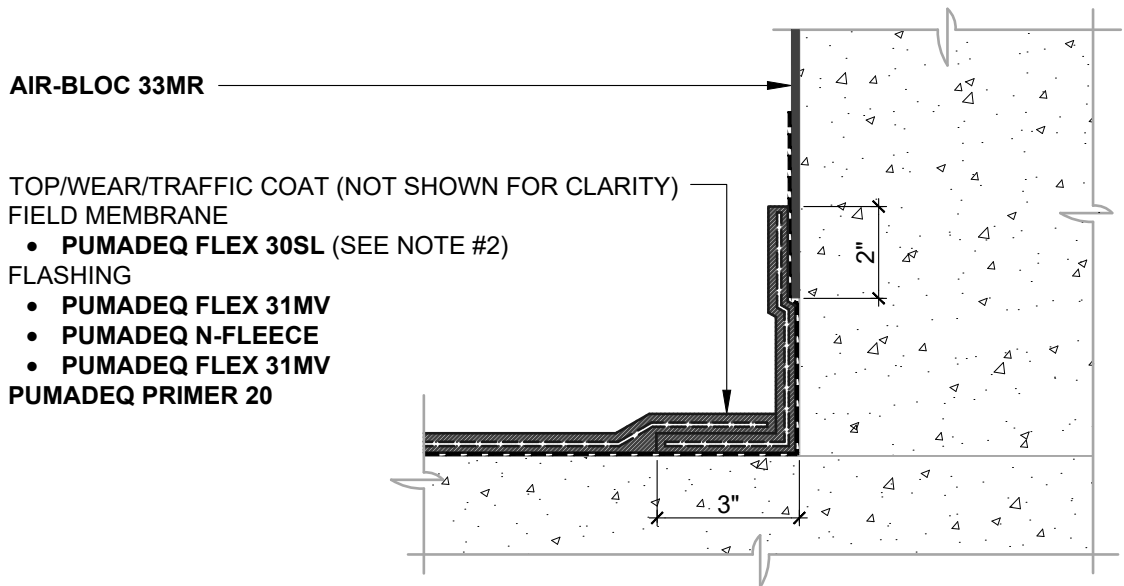
06-05-2019

AB32MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 33MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 33MR TIE-IN TO PUMADEC SYSTEM

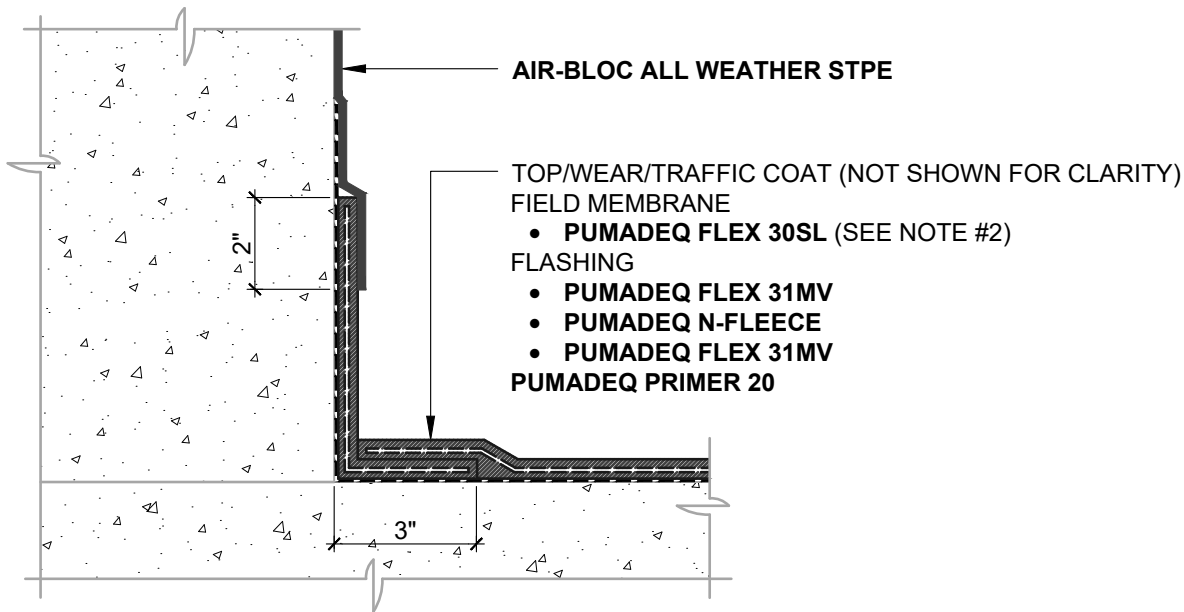
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

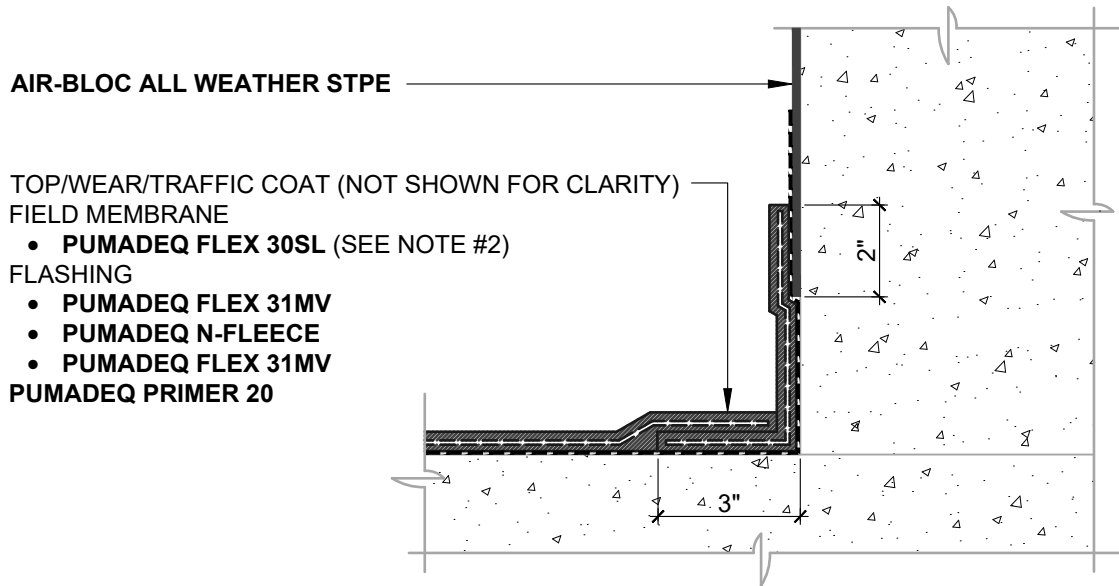
06-05-2019

AB33MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC ALL WEATHER STPE FLUID APPLIED VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC ALL WEATHER STPE TIE-IN TO PUMADEC SYSTEM

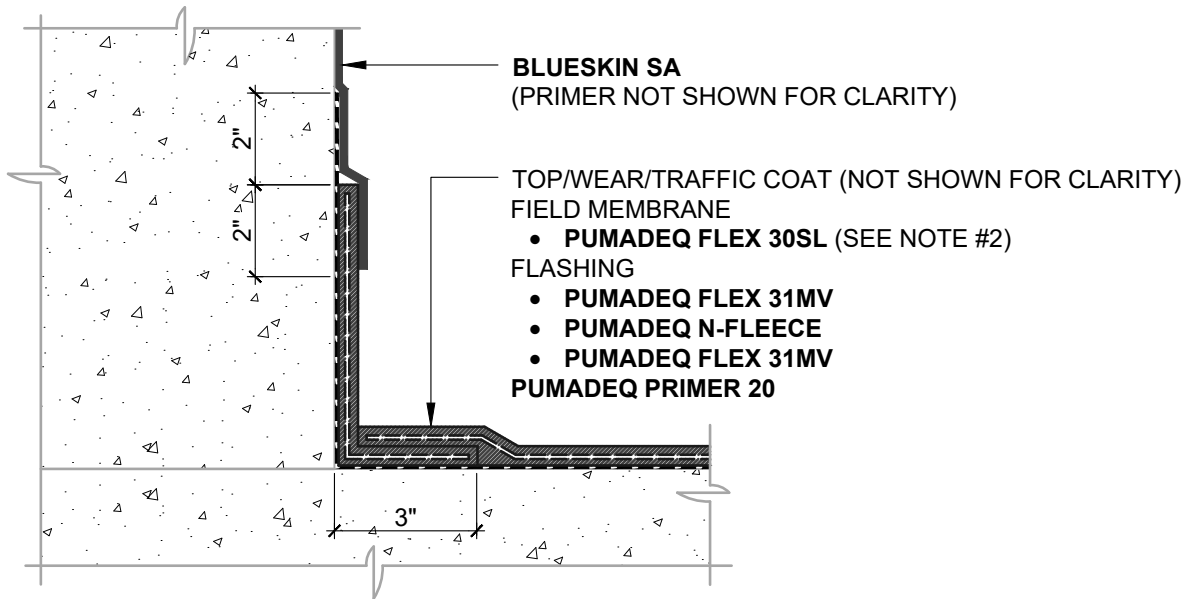
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

05-22-2019

ABSTPE-TID3A



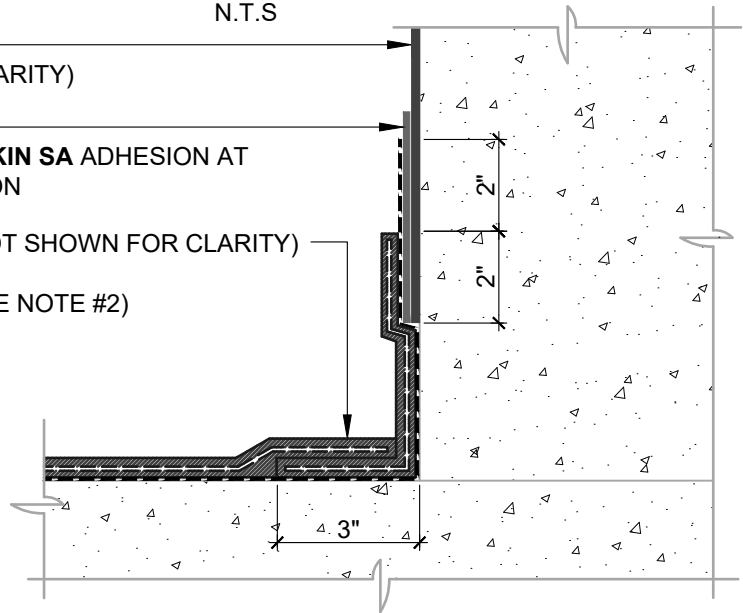
AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

BLUESKIN SA
(PRIMER NOT SHOWN FOR CLARITY)

BLUESKIN ADHESIVE
INSTALL TO ENHANCE **BLUESKIN SA** ADHESION AT
PUMADEC SYSTEM TRANSITION

TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE
• **PUMADEC FLEX 30SL** (SEE NOTE #2)
FLASHING
• **PUMADEC FLEX 31MV**
• **PUMADEC N-FLEECE**
• **PUMADEC FLEX 31MV**
PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **BLUESKIN SA SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

BLUESKIN SA TIE-IN TO PUMADEC SYSTEM

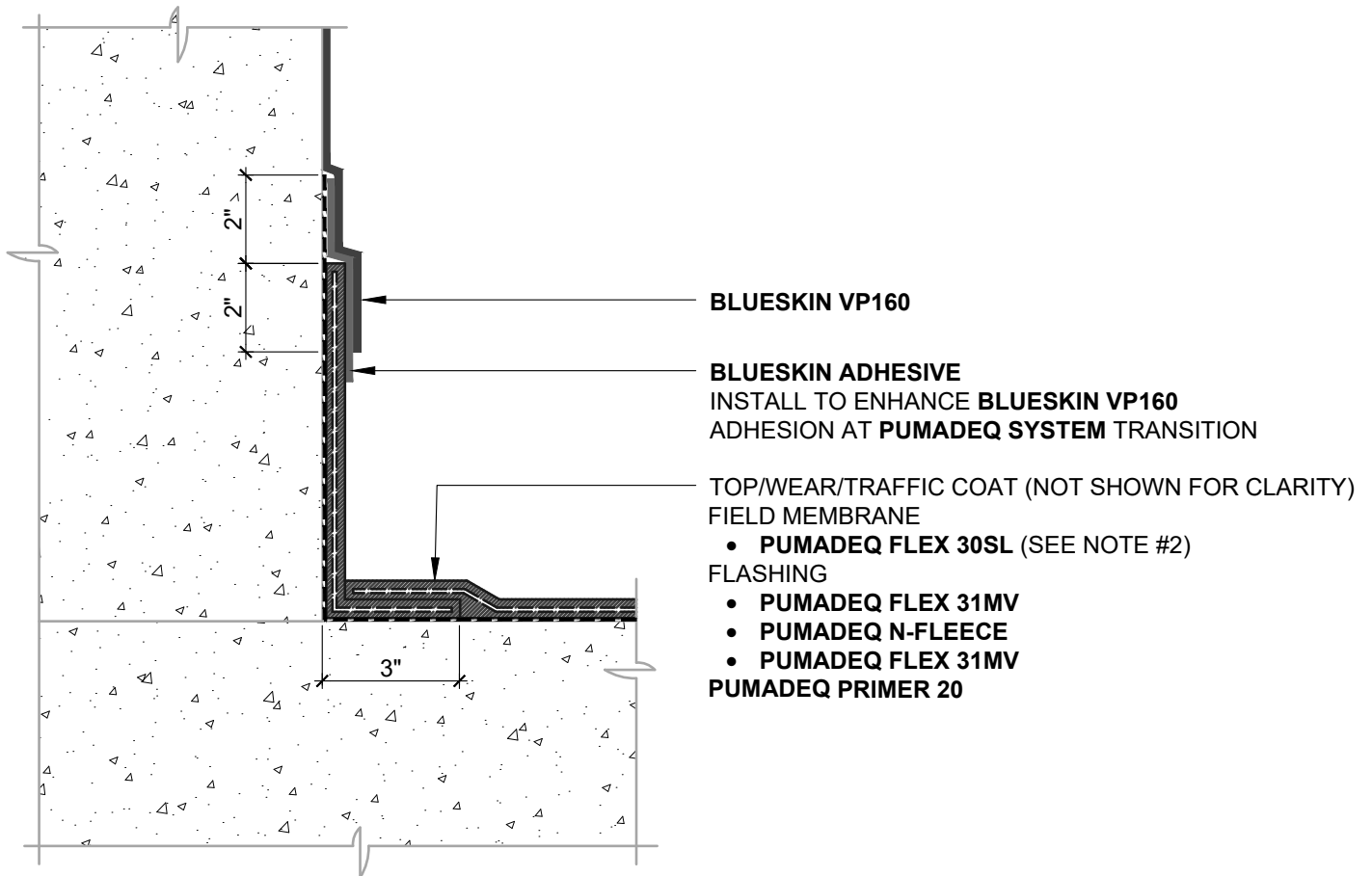
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

06-24-2019

BSSA-TID3A



AIR BARRIER INSTALLED AFTER PUMADEQ SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **BLUESKIN VP160 SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEQ SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEQ SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEQ SYSTEM** DETAILS FOR FURTHER CLARITY.
3. CONTACT HENRY FOR REVERSE LAP SEQUENCE OF INSTALLATION RECOMMENDATIONS.
4. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

BLUESKIN VP160 TIE-IN TO PUMADEQ SYSTEM

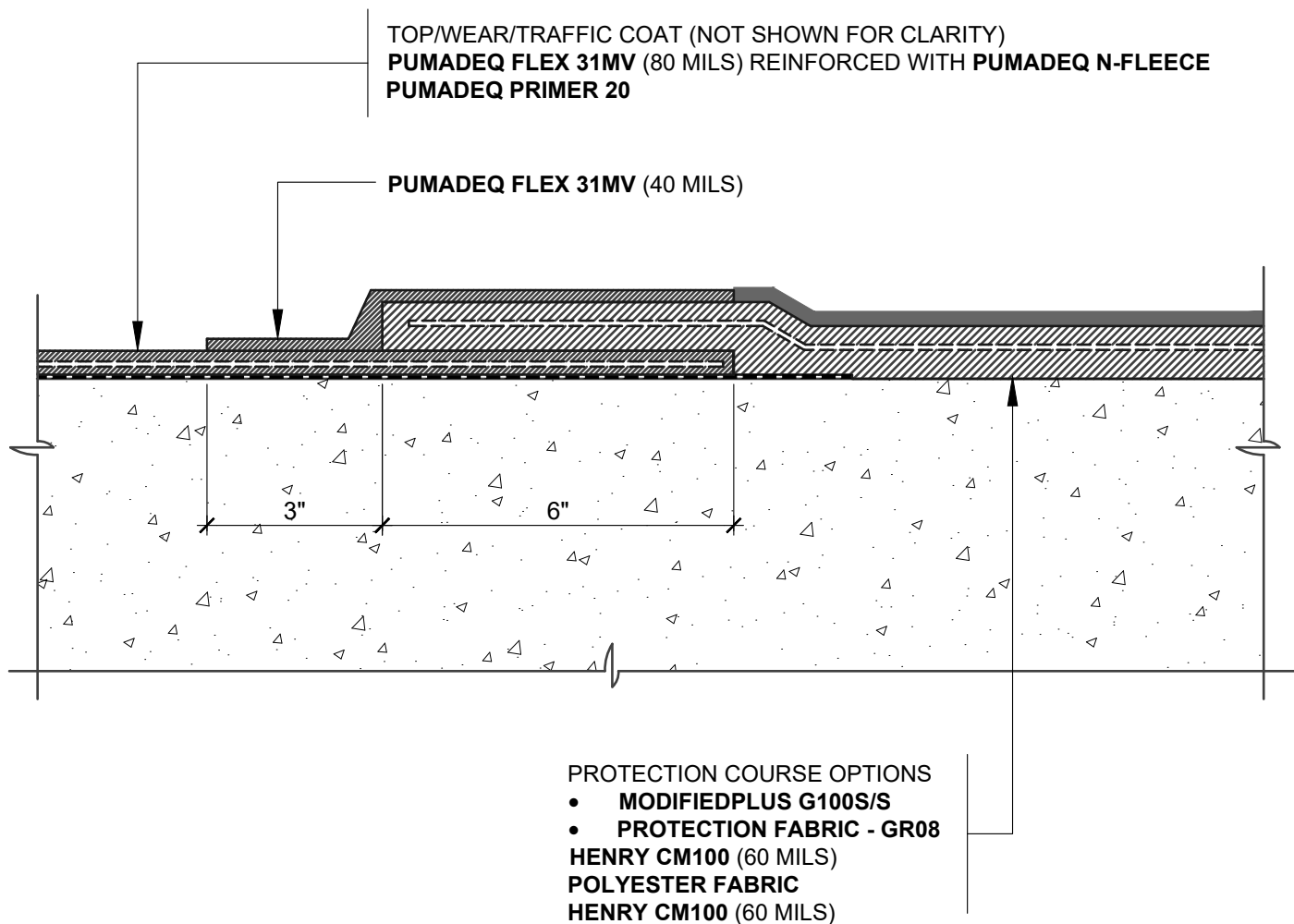
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEQ 31MV

SCALE: N.T.S.

06-24-2019

BSVP-TID3A



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

TIE-IN DETAIL

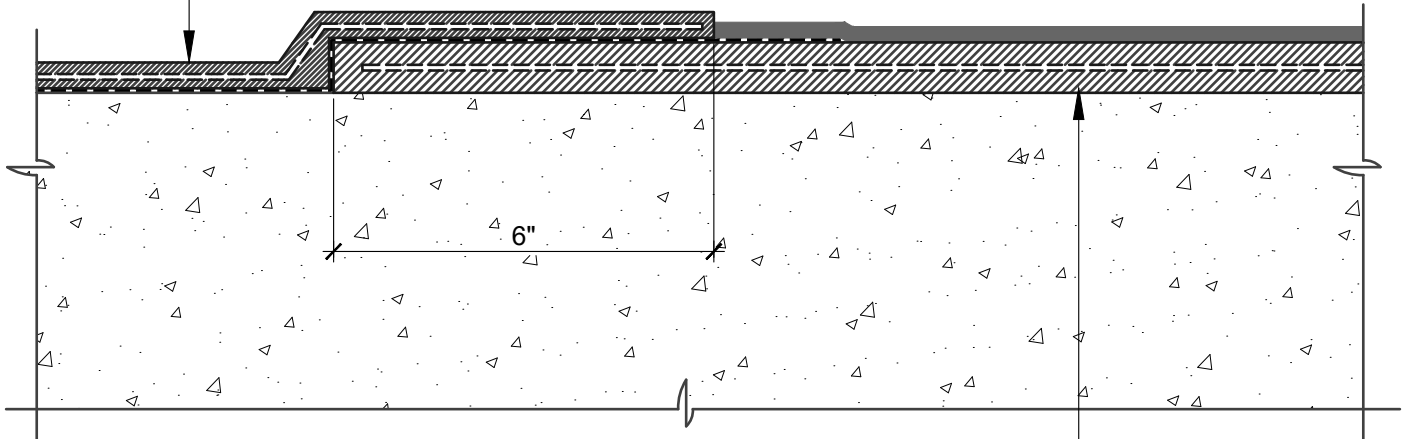
DISSIMILAR MATERIAL TRANSITIONS
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3A1

TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
PUMADEQ FLEX 31MV REINFORCED WITH **PUMADEQ N-FLEECE**
PUMADEQ PRIMER 20



PROTECTION COURSE OPTIONS

- **MODIFIEDPLUS G100S/S**
- **PROTECTION FABRIC - GR08**

HENRY CM100 (60 MILS)
POLYESTER FABRIC
HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEQ SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEQ SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEQ SYSTEM** DETAILS FOR FURTHER CLARITY.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEQ SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEQ SYSTEM TIE IN

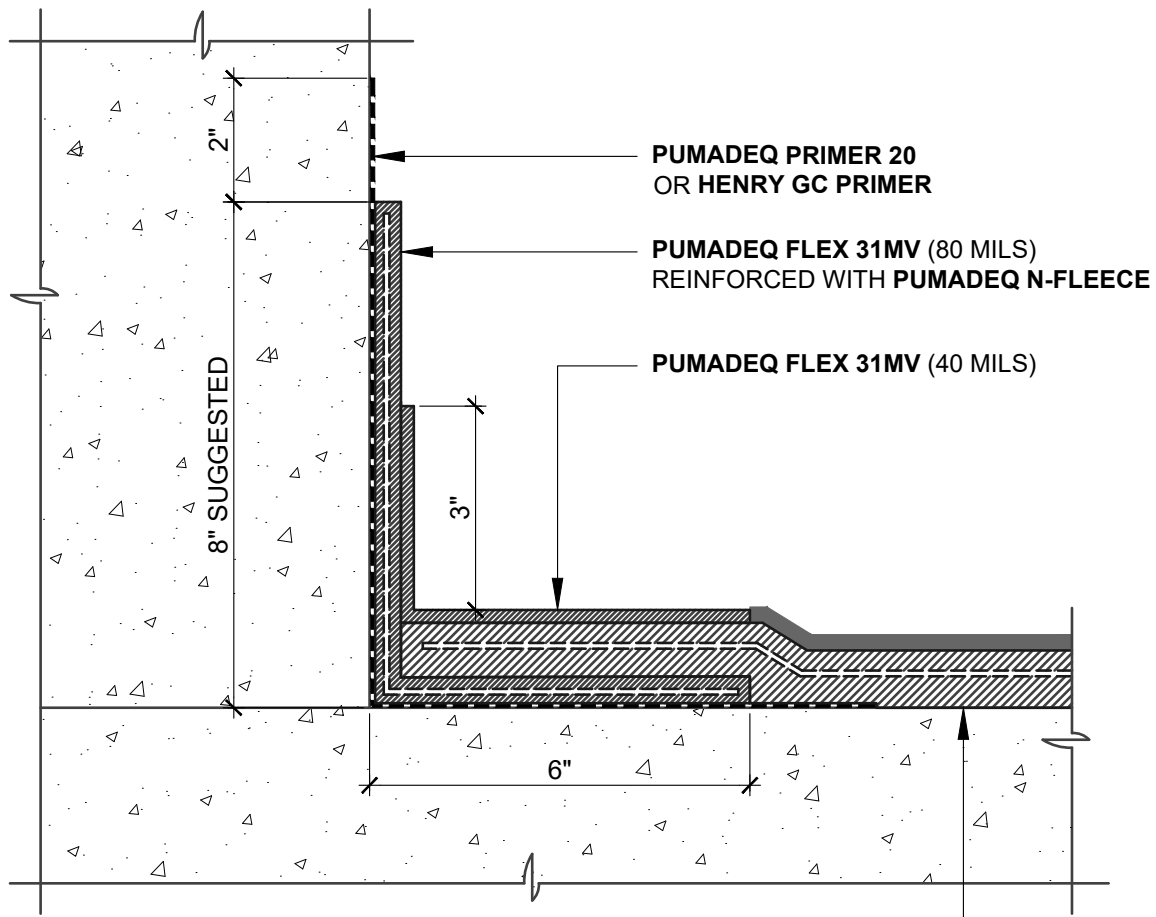
TIE-IN DETAIL

DISSIMILAR MATERIAL TRANSITIONS
HENRY CM100 AND PUMADEQ SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3A2



PROTECTION COURSE OPTIONS

- **MODIFIEDPLUS G100S/S**
- **PROTECTION FABRIC - GR08**

HENRY CM100 (60 MILS)
POLYESTER FABRIC
HENRY CM100 (60 MILS)

NOTES:

1. DDETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

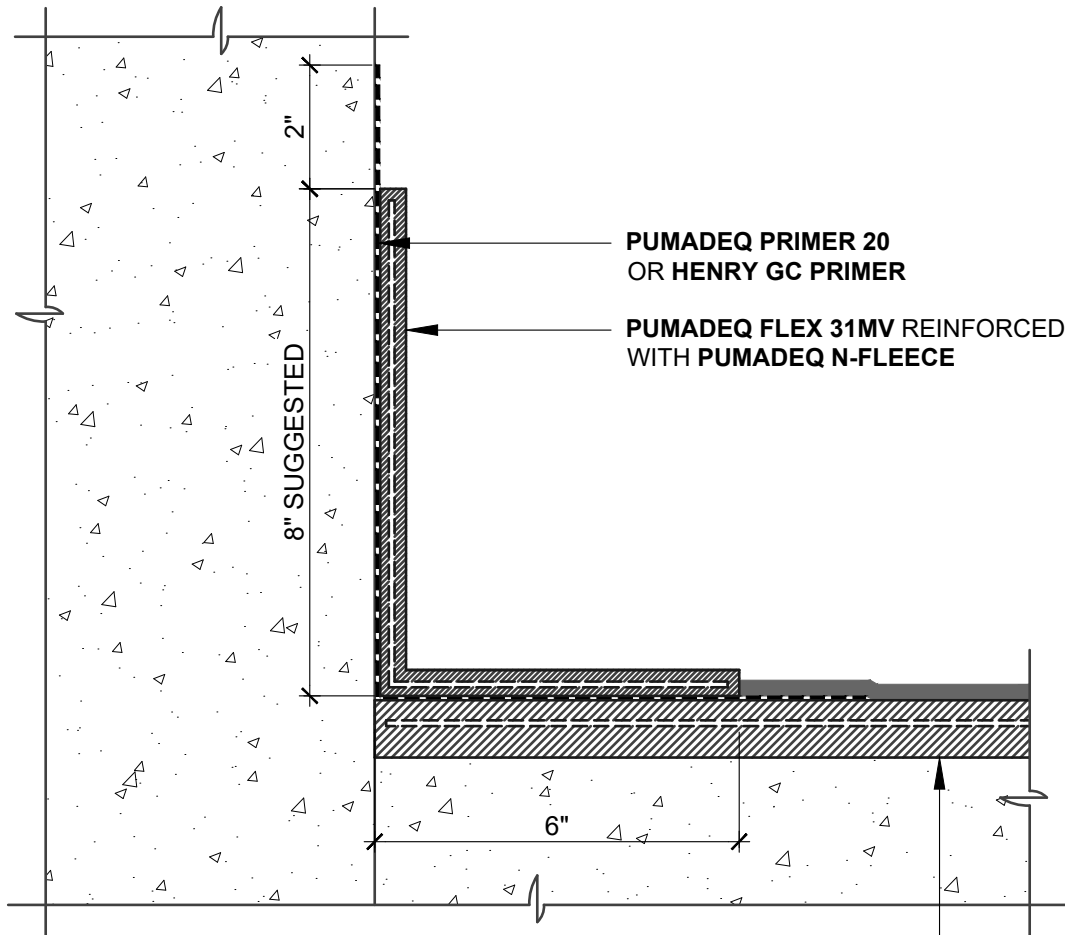
CURB FLASHING

CORNER FLASHING AT UPTURN
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3C1



- PROTECTION COURSE OPTIONS
- MODIFIEDPLUS G100S/S
 - PROTECTION FABRIC - GR08
- HENRY CM100 (60 MILS)
 POLYESTER FABRIC
 HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEQ SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEQ SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEQ FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEQ SYSTEM TIE IN

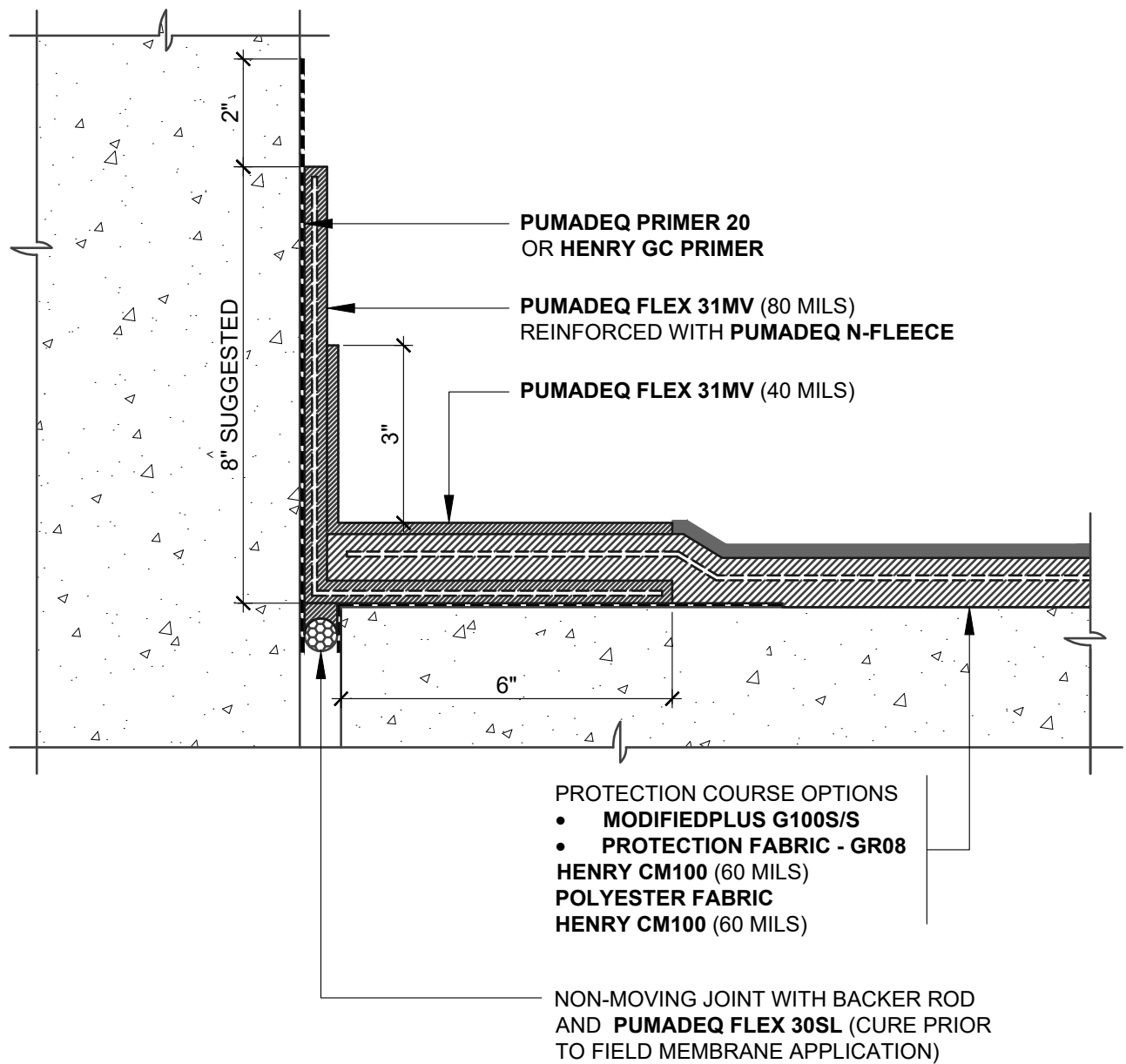
CURB FLASHING

**CORNER FLASHING AT UPTURN
 HENRY CM100 AND PUMADEQ SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C2



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

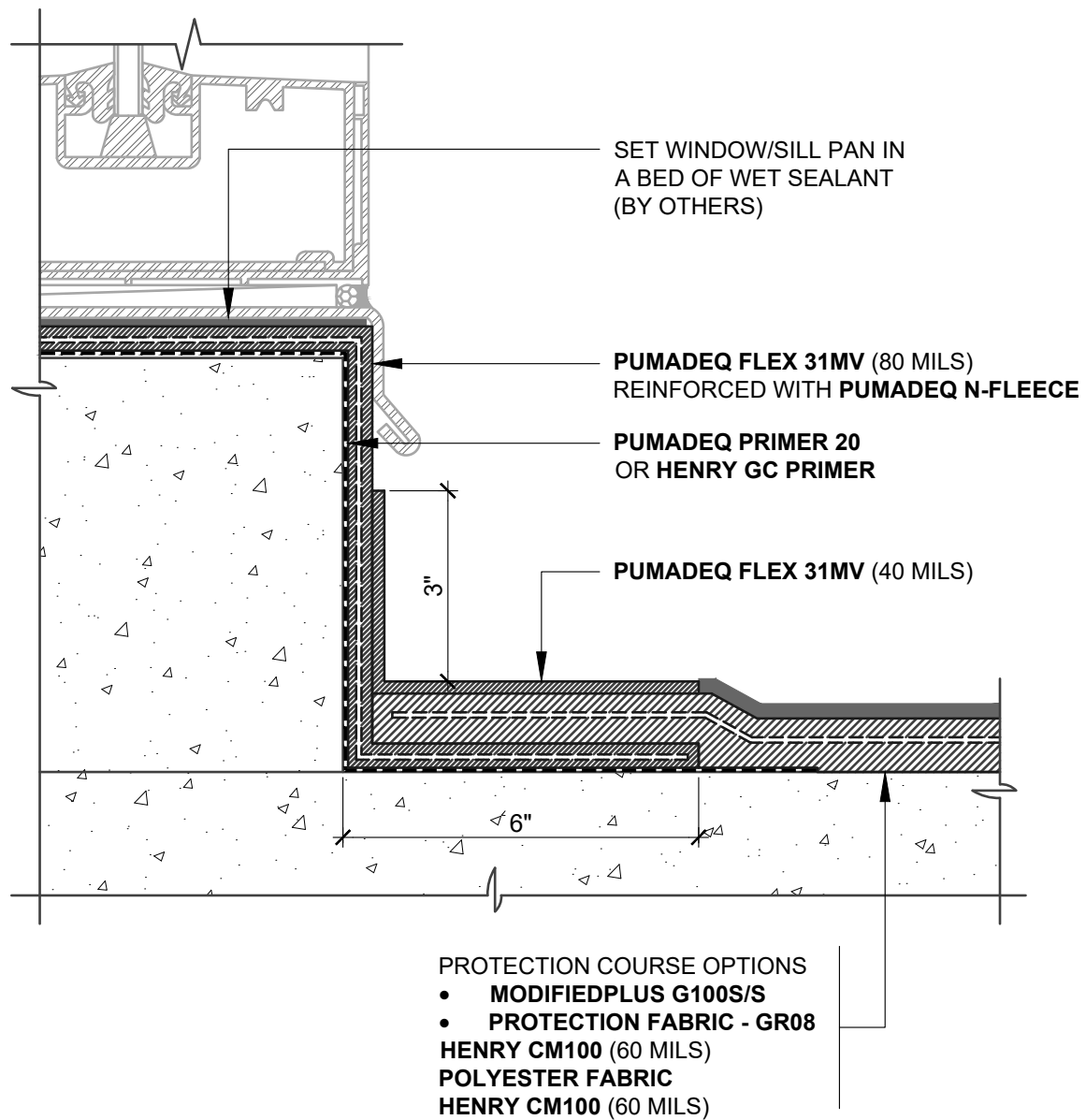
NON-MOVING JOINT

**CORNER FLASHING AT UPTURN
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C3



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

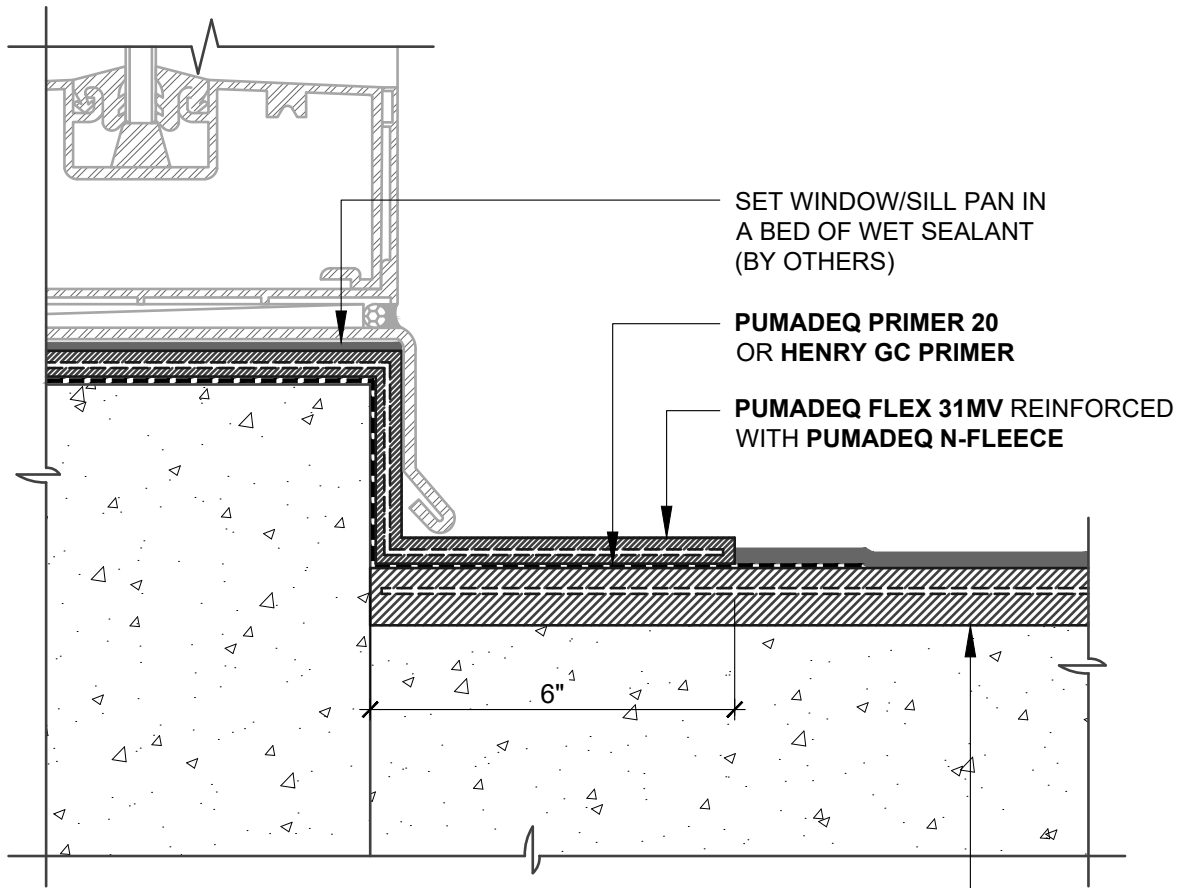
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C4



SET WINDOW/SILL PAN IN
A BED OF WET SEALANT
(BY OTHERS)

PUMADEC PRIMER 20
OR HENRY GC PRIMER

PUMADEC FLEX 31MV REINFORCED
WITH PUMADEC N-FLEECE

6"

PROTECTION COURSE OPTIONS

- MODIFIEDPLUS G100S/S
- PROTECTION FABRIC - GR08

HENRY CM100 (60 MILS)
POLYESTER FABRIC
HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

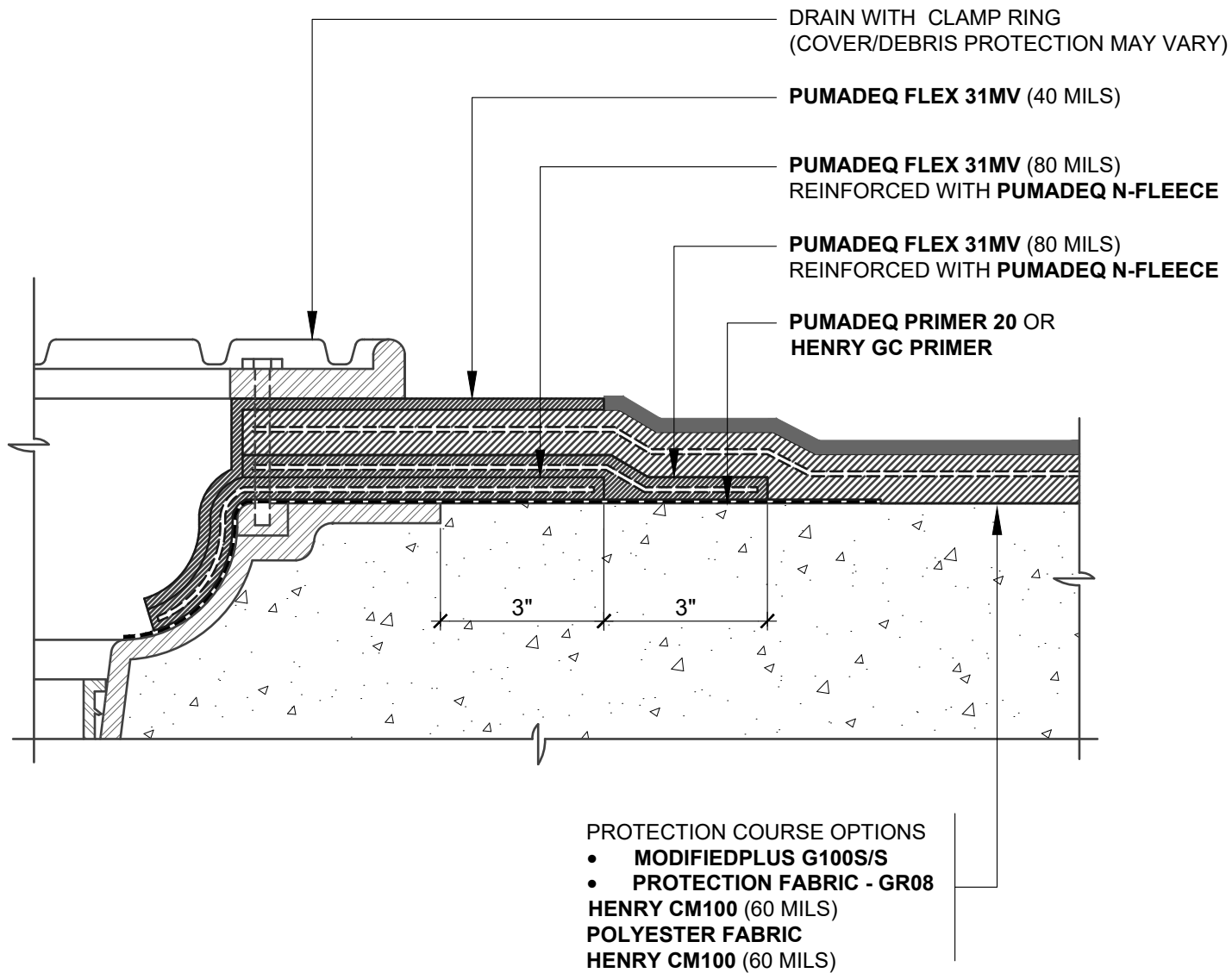
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C5



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

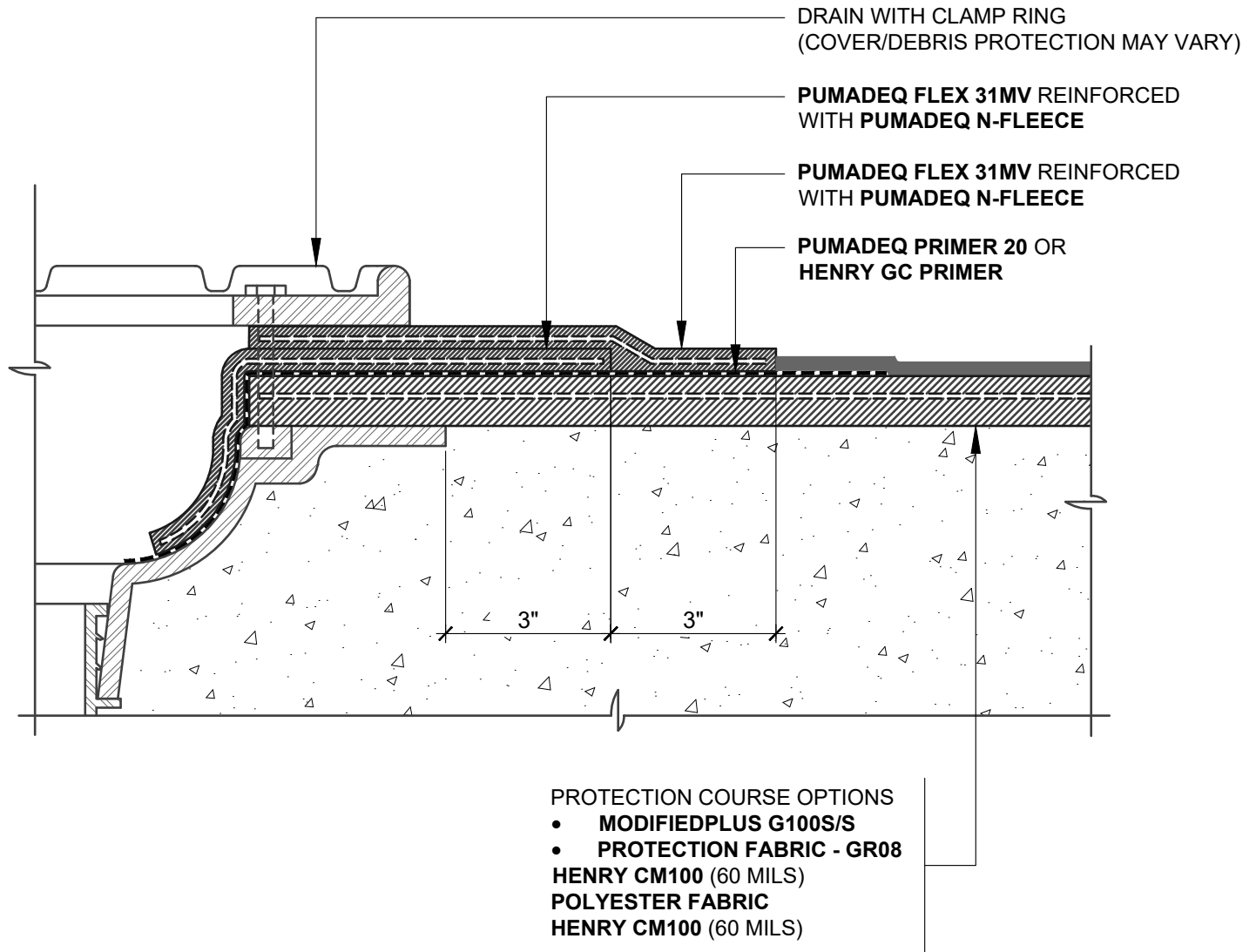
DRAIN -CLAMPING RING

**FLASHING AT DRAIN WITH CLAMPING RING
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3D1



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

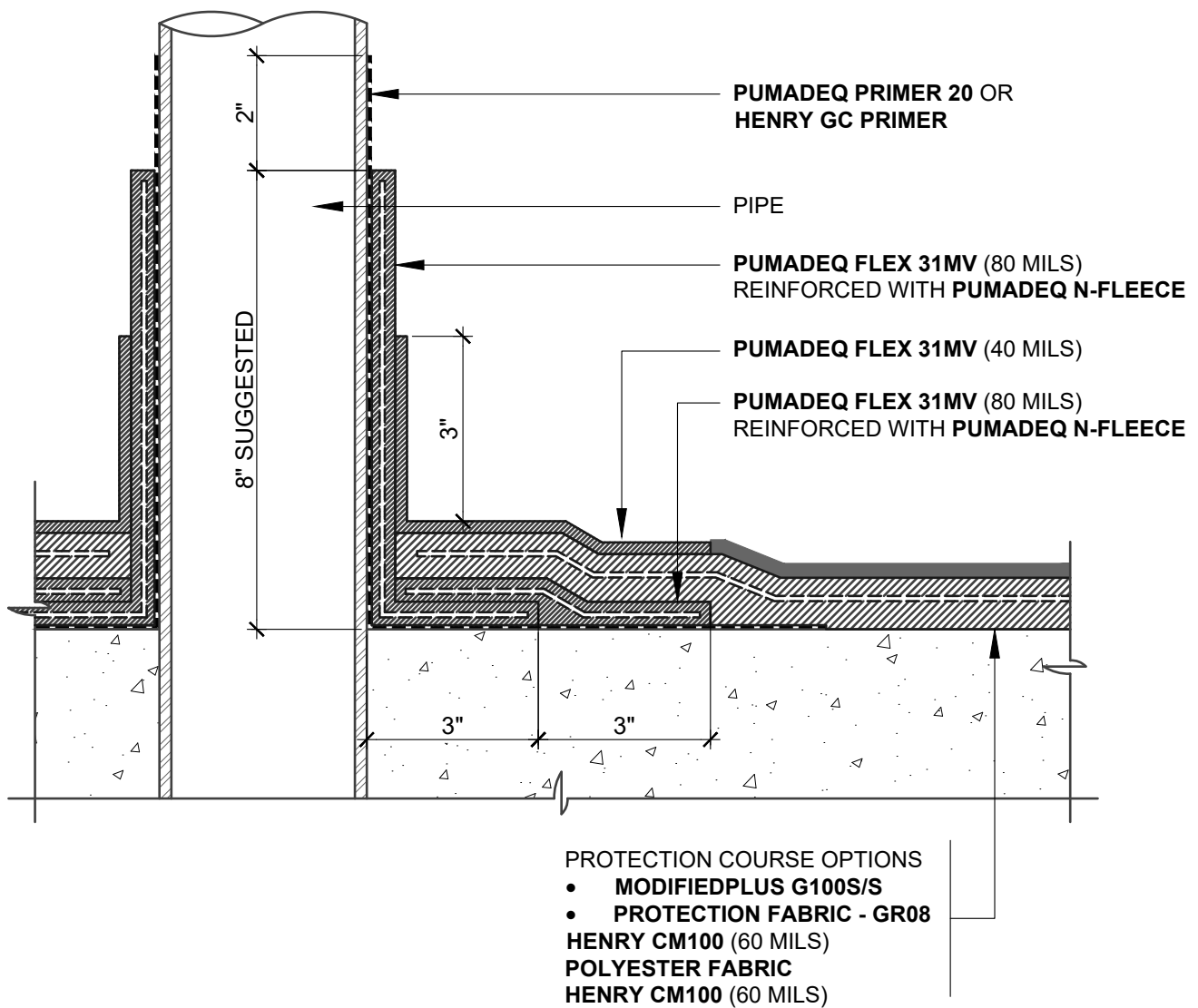
DRAIN -CLAMPING RING

**FLASHING AT DRAIN WITH CLAMPING RING
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3D2



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

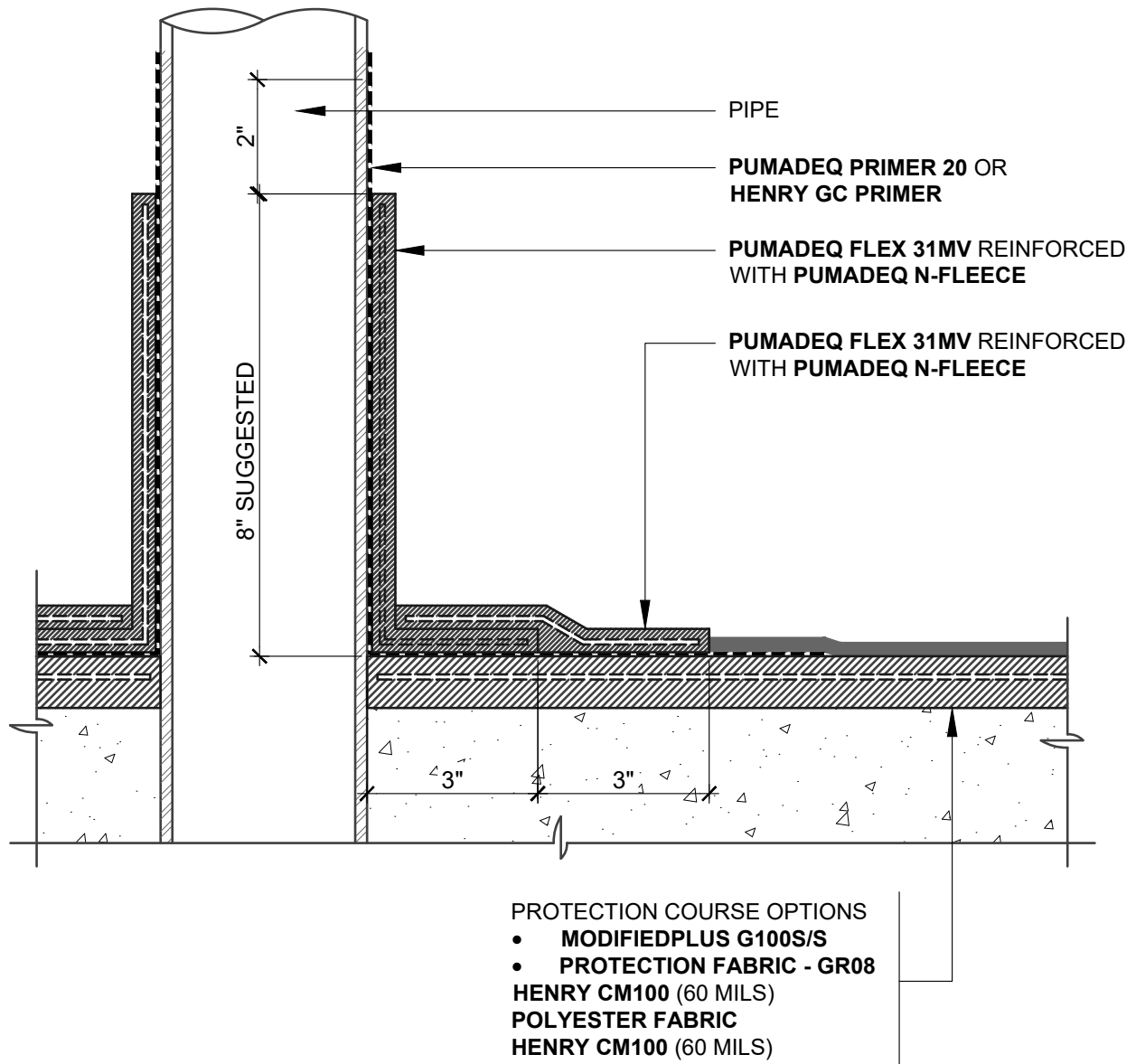
HENRY CM100 AND PUMADEC SYSTEM TIE IN

PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

08-26-2019

CM100-TID-3P1



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

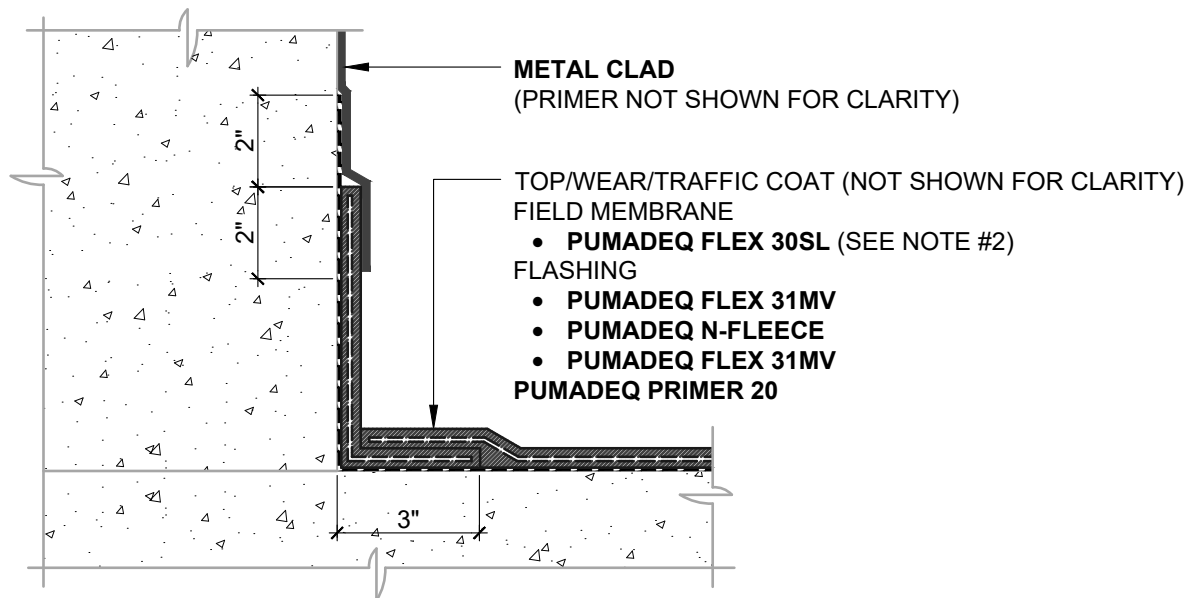
HENRY CM100 AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3P2



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

METAL CLAD
(PRIMER NOT SHOWN FOR CLARITY)

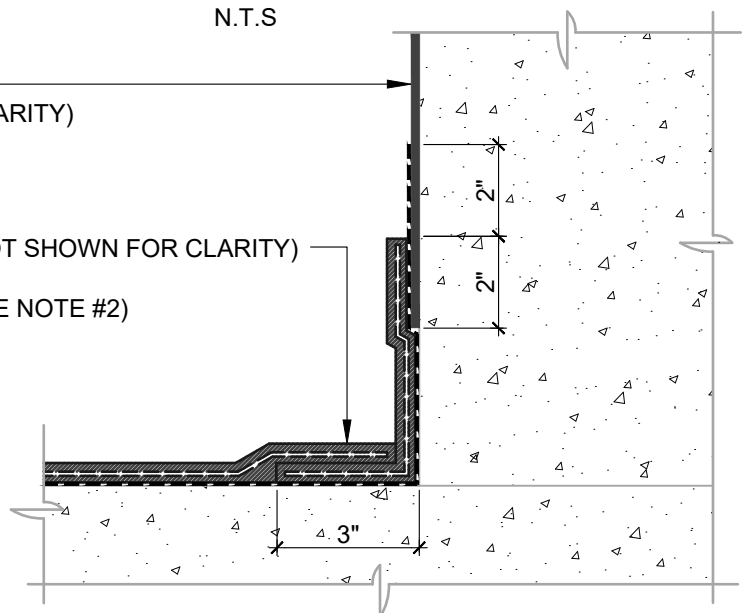
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

METAL CLAD TIE-IN TO PUMADEC SYSTEM

TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

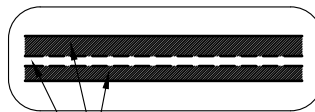
06-24-2019

MTCLD-TID3A

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
UNREINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 30SL UNREINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

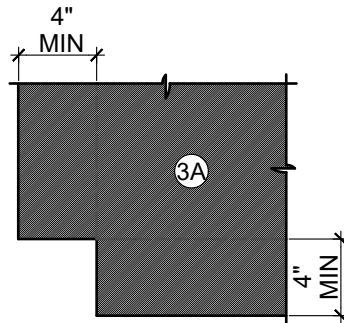
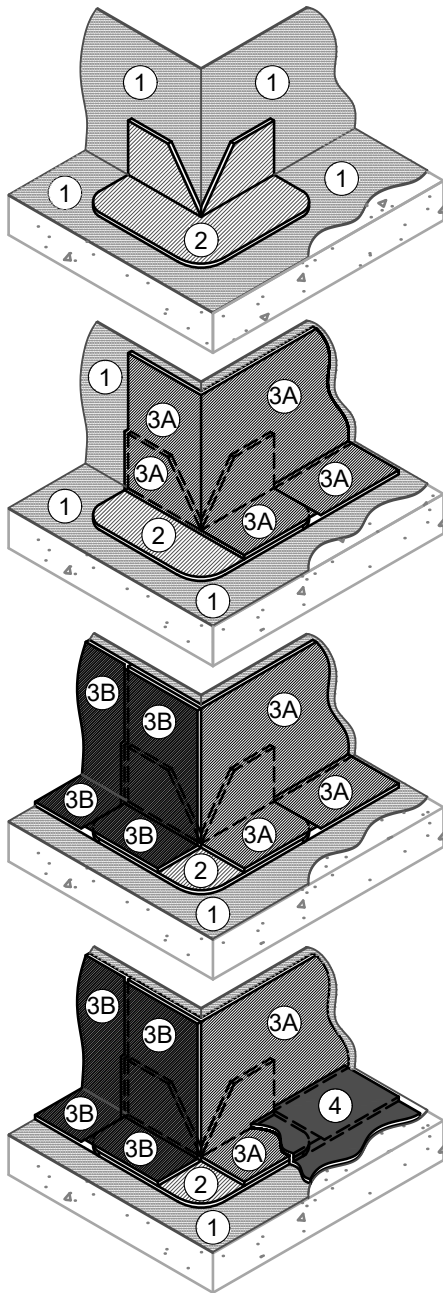


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

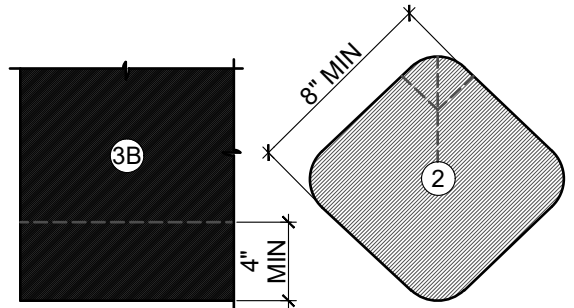
**PUMADEQ™ FLEX 30SL
UNREINFORCED FIELD MEMBRANE**



PUMADEQ™ FLEX 30SL
(WHITE)
PUMADEQ™ FLEX 30SL
(GRAY)



**PUMADEQ™ N-FLEECE
CORNER UPTURN FLASHING**



**PUMADEQ™ N-FLEECE
CORNER FLASHING**

NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH PUMADEQ™ RESIN.
5. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

OUTSIDE CORNERS

**UNREINFORCED FIELD MEMBRANE
CORNER FLASHING AT UPTURN**

SCALE: N.T.S.

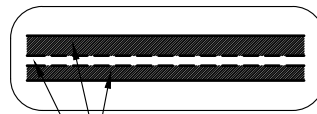
04-26-2019

PUMADEQ-C1B

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
UNREINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

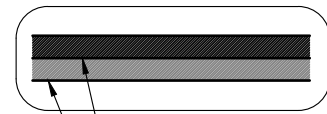
- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 30SL UNREINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

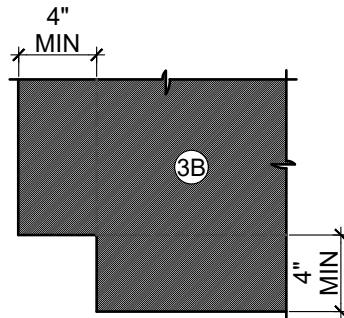
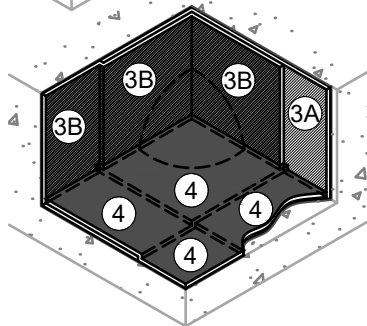
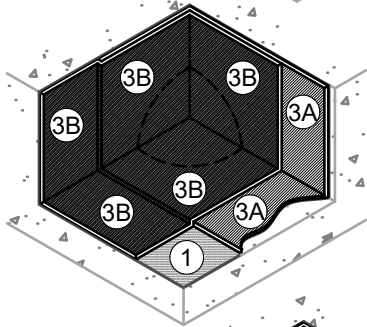
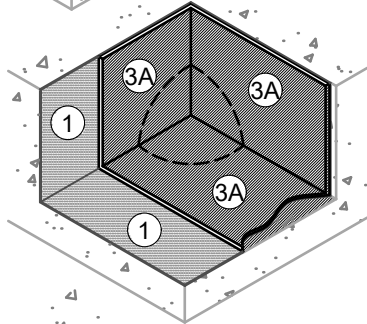
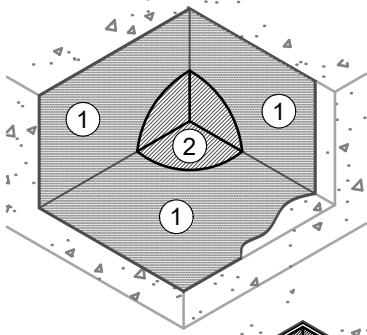


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

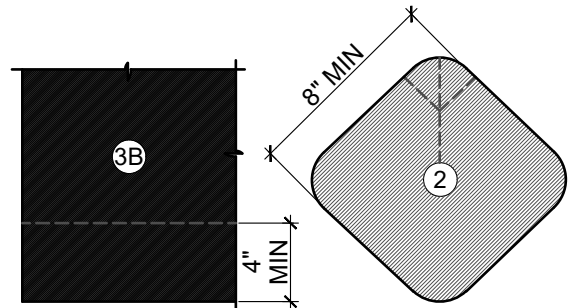
**PUMADEQ™ FLEX 30SL
UNREINFORCED FIELD MEMBRANE**



PUMADEQ™ FLEX 30SL
(WHITE)
PUMADEQ™ FLEX 30SL
(GRAY)



**PUMADEQ™ N-FLEECE
CORNER UPTURN FLASHING**



**PUMADEQ™ N-FLEECE
CORNER FLASHING**

NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEQ™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH PUMADEQ™ RESIN.
6. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

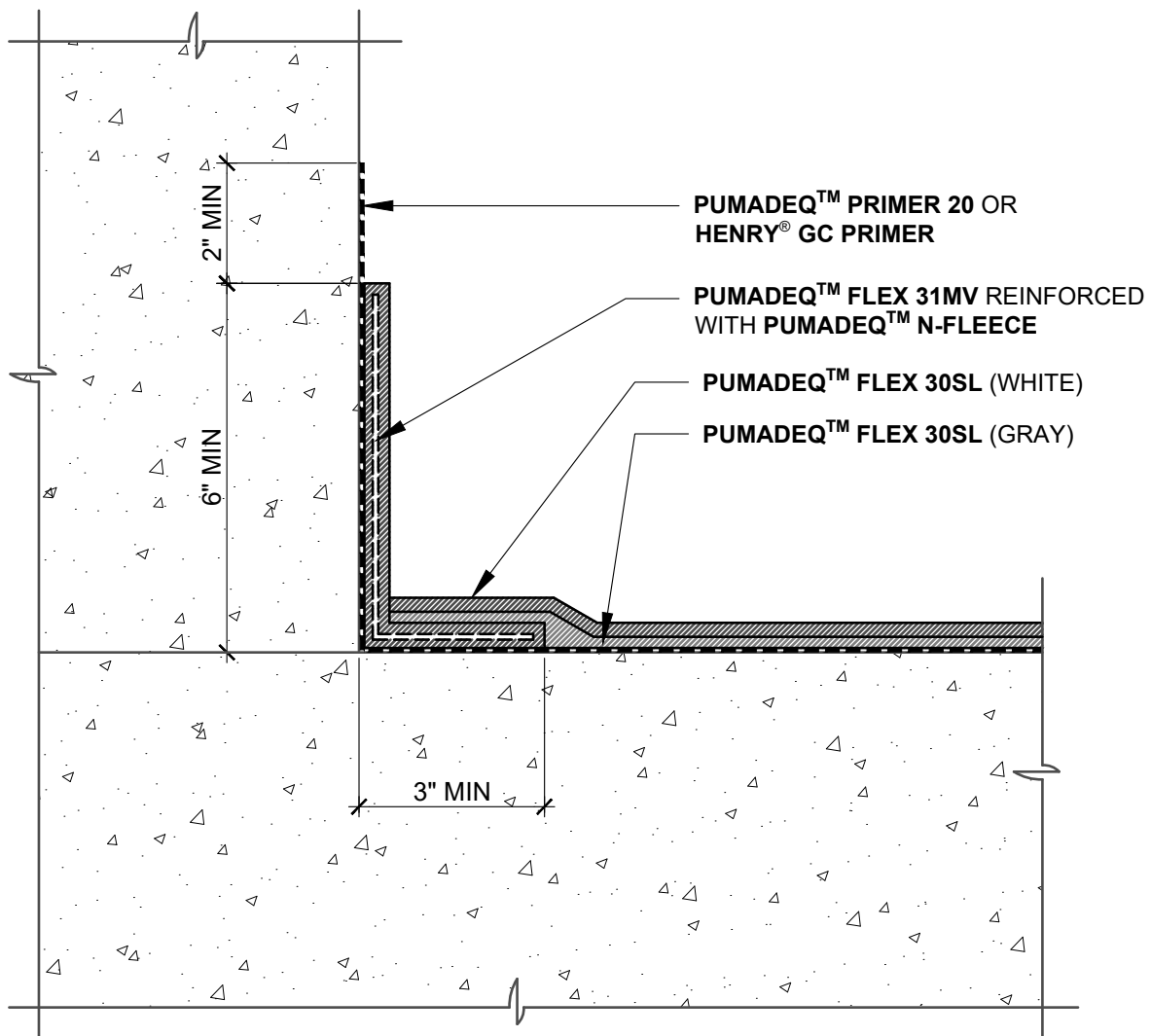
PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

**INSIDE CORNERS
UNREINFORCED FIELD MEMBRANE
CORNER FLASHING AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEQ-C2B



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

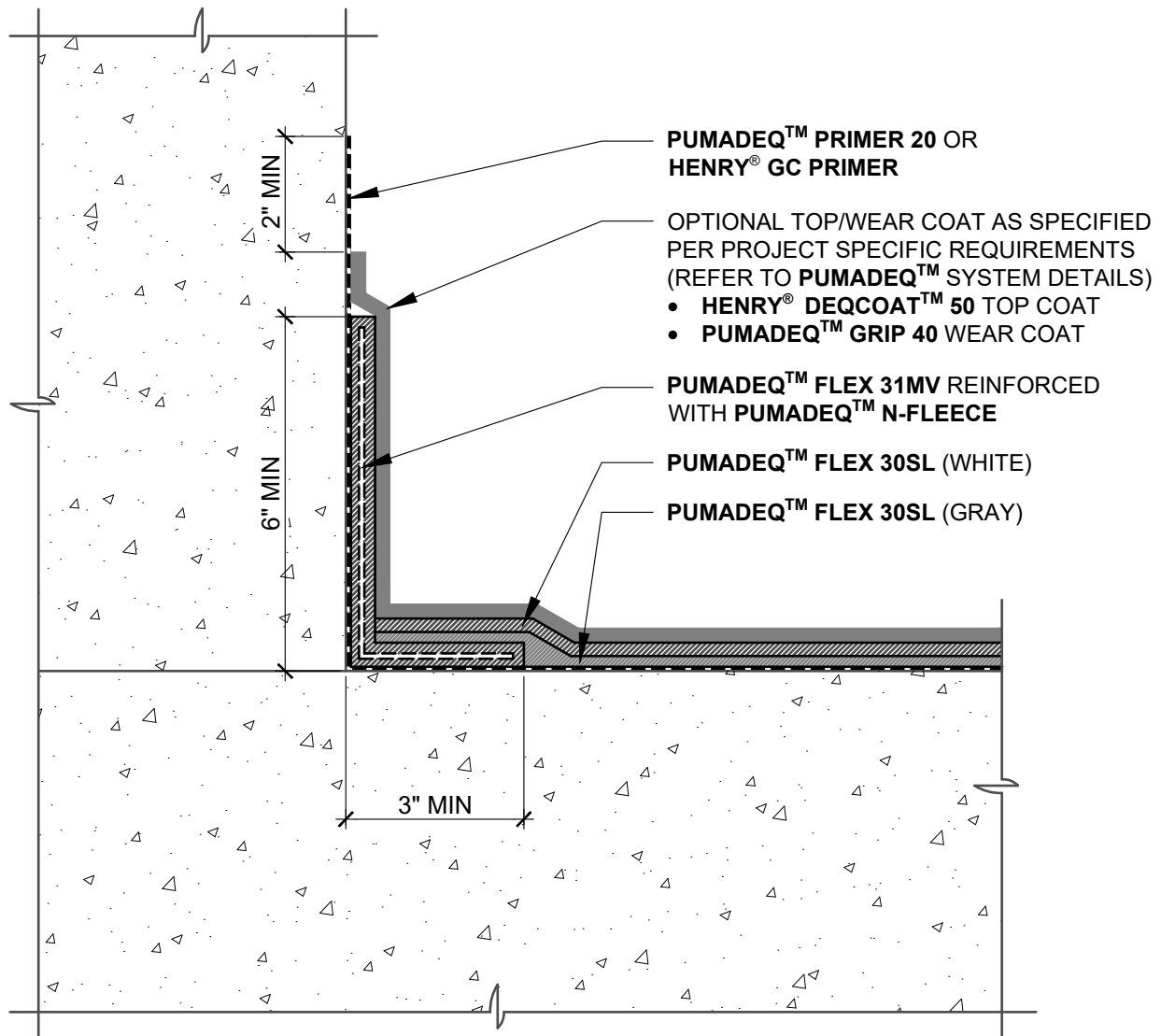
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB

SCALE: N.T.S.

04-26-2019

PUMADEC-C4A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

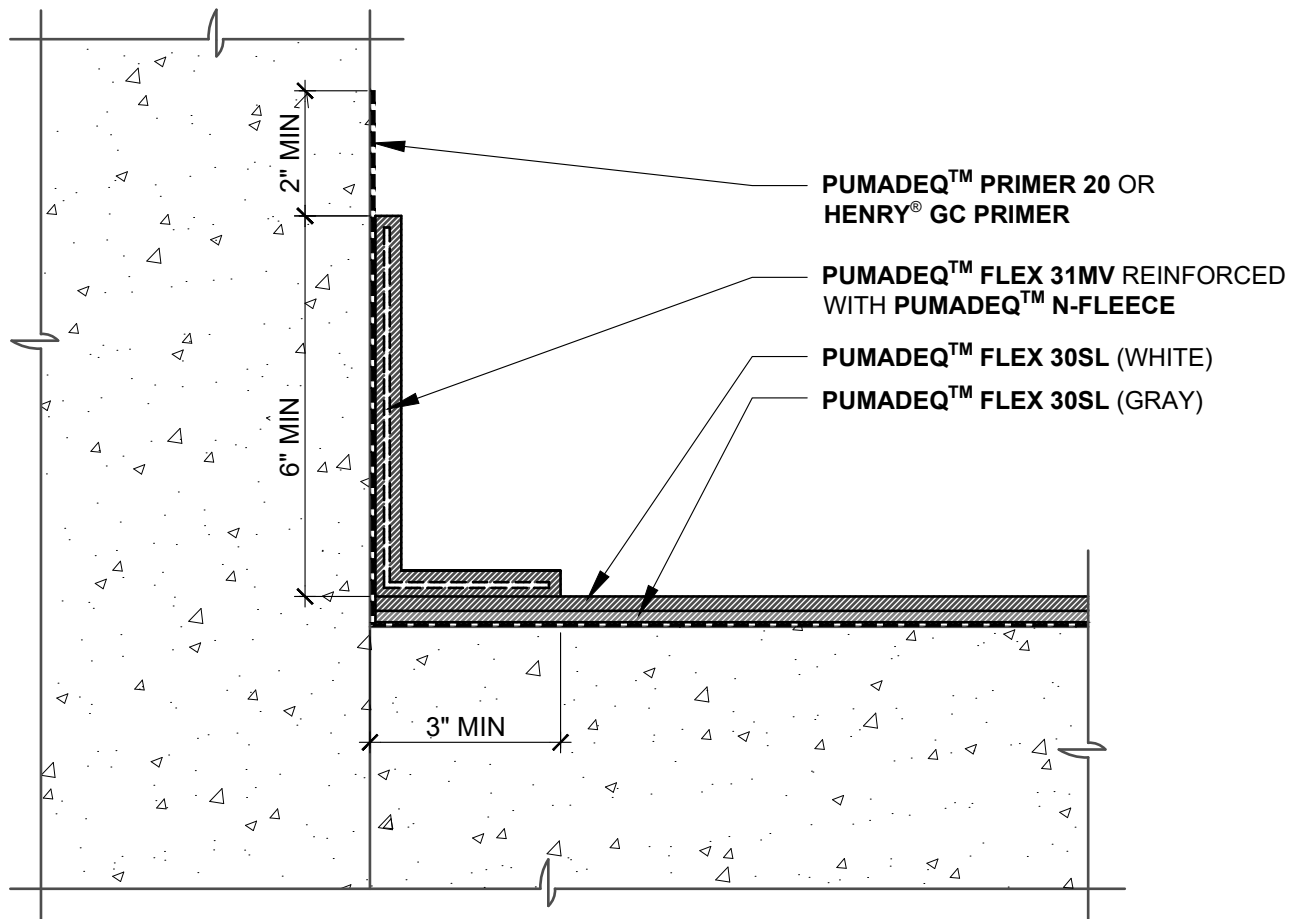
CURB FLASHING

**UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C4B



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

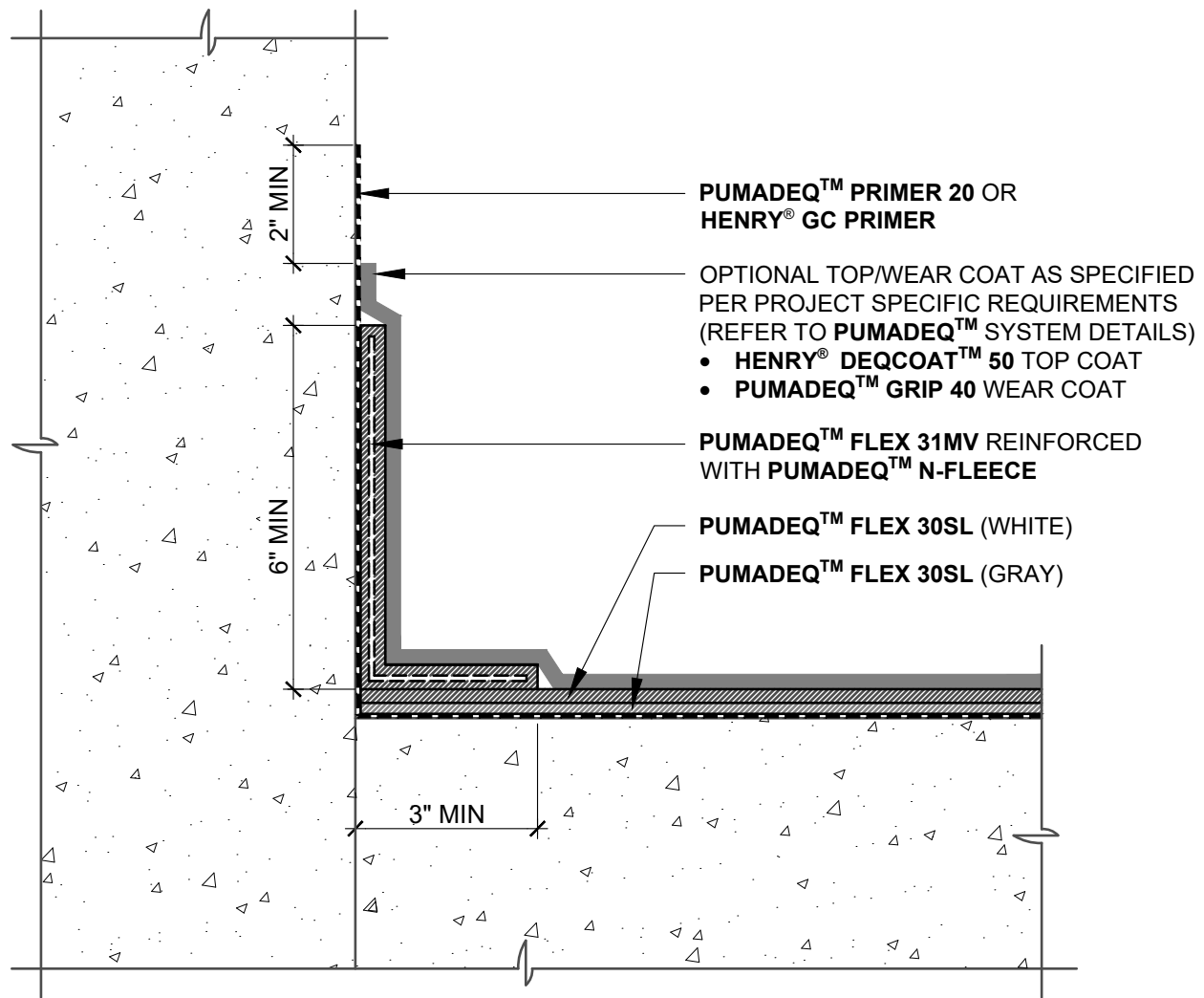
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB

SCALE: N.T.S.

04-26-2019

PUMADEC-C4C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

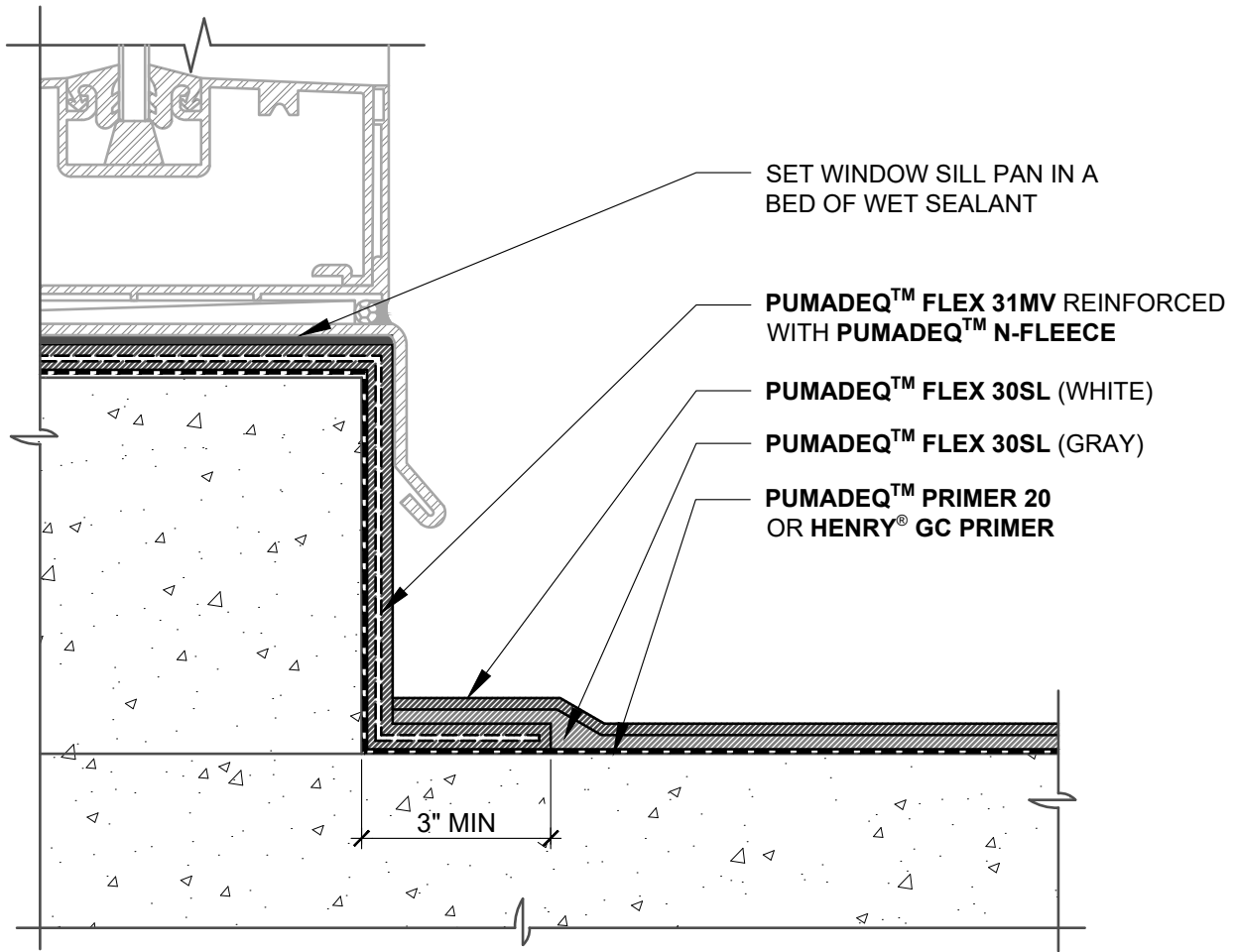
CURB FLASHING

**UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C4D



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

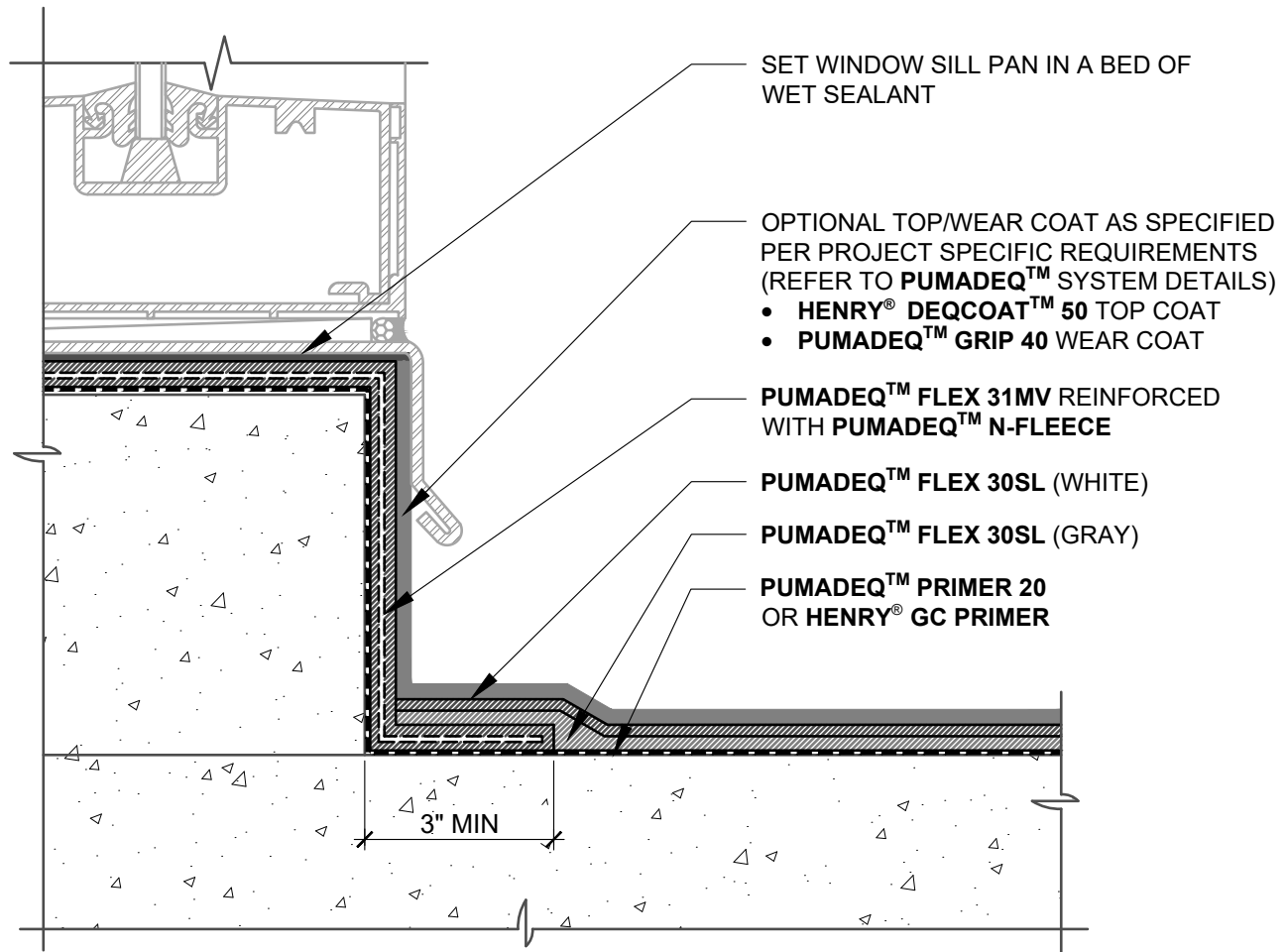
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT WINDOW SILL

SCALE: N.T.S.

04-26-2019

PUMADEC-C4E



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC**™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC**™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC**™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC**™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC**™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC**™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC**™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

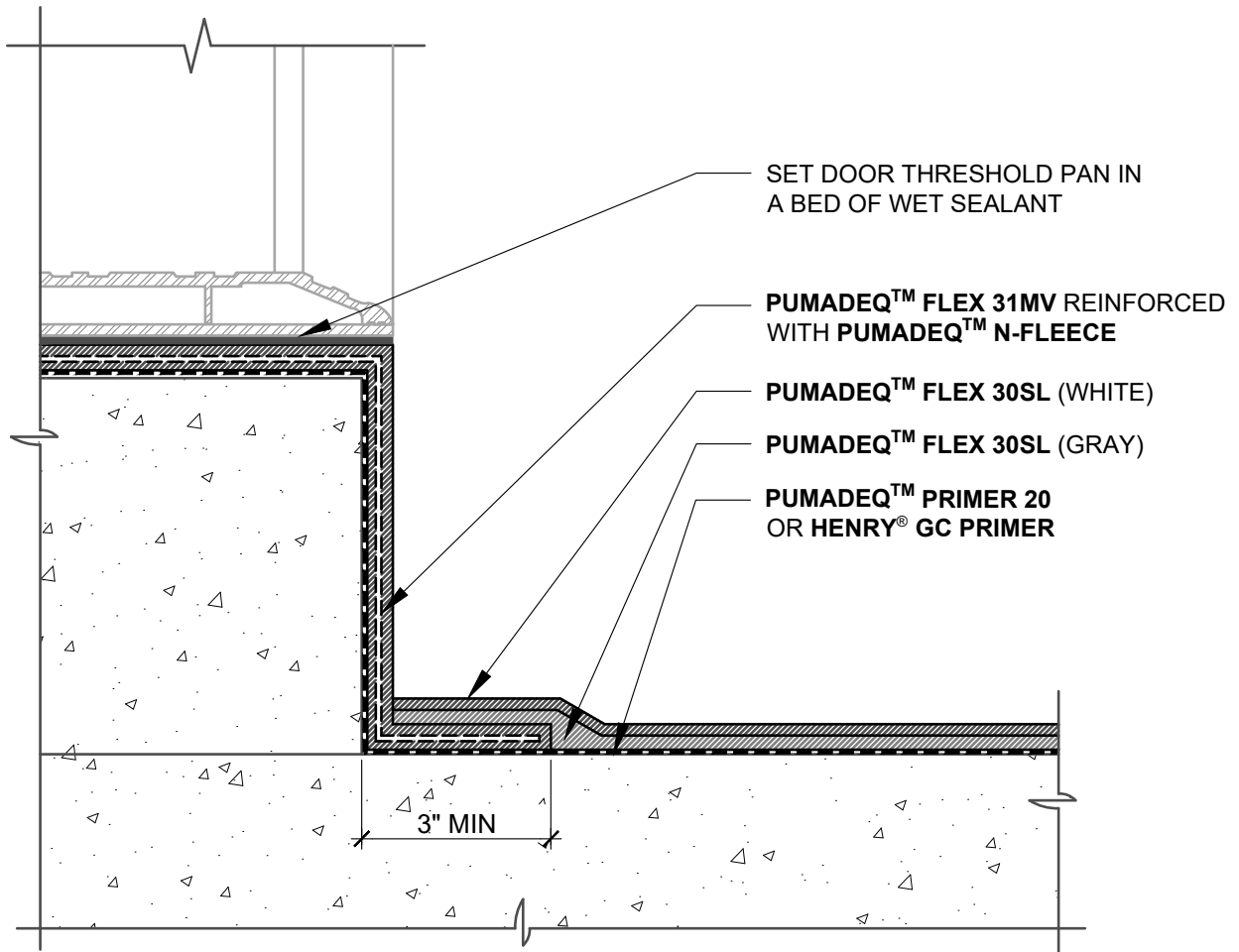
CURB FLASHING

**UNREINFORCED FIELD MEMBRANE - UPTURN
FLASHING AT WINDOW SILL WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C4F



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

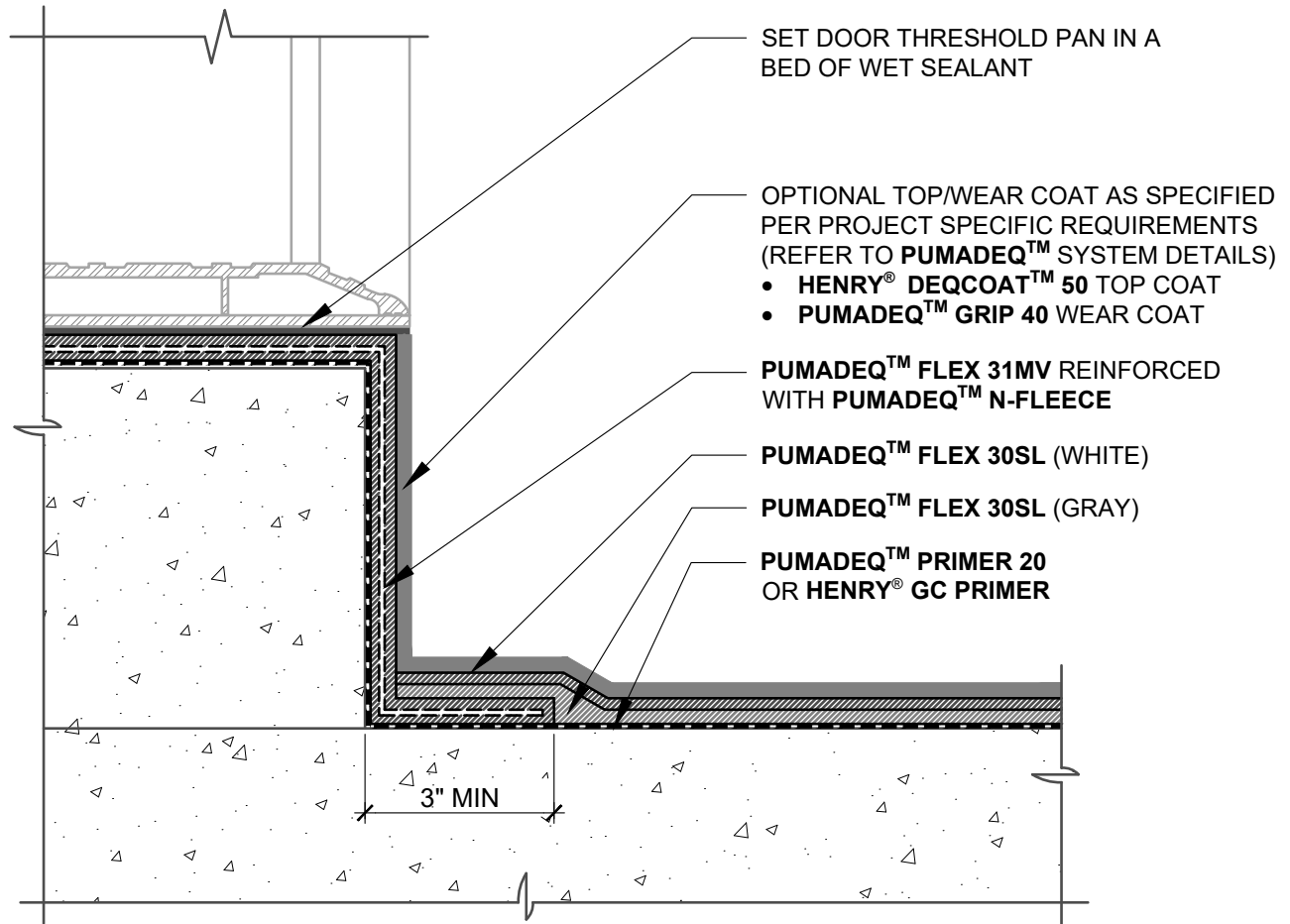
CURB FLASHING

**UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT DOOR THRESHOLD**

SCALE: N.T.S.

04-26-2019

PUMADEC-C4G



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC™** RESIN.
6. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

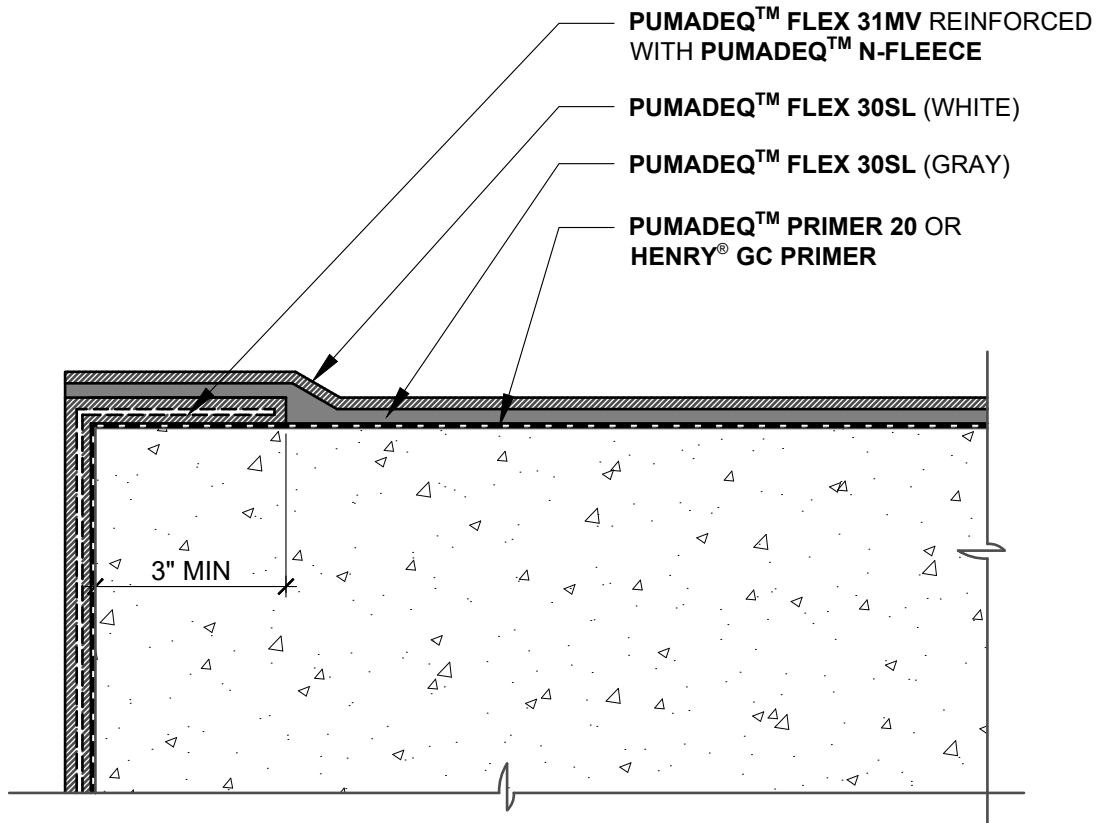
CURB FLASHING

UNREINFORCED FIELD MEMBRANE - UPTURN FLASHING AT DOOR THRESHOLD WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-C4H



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

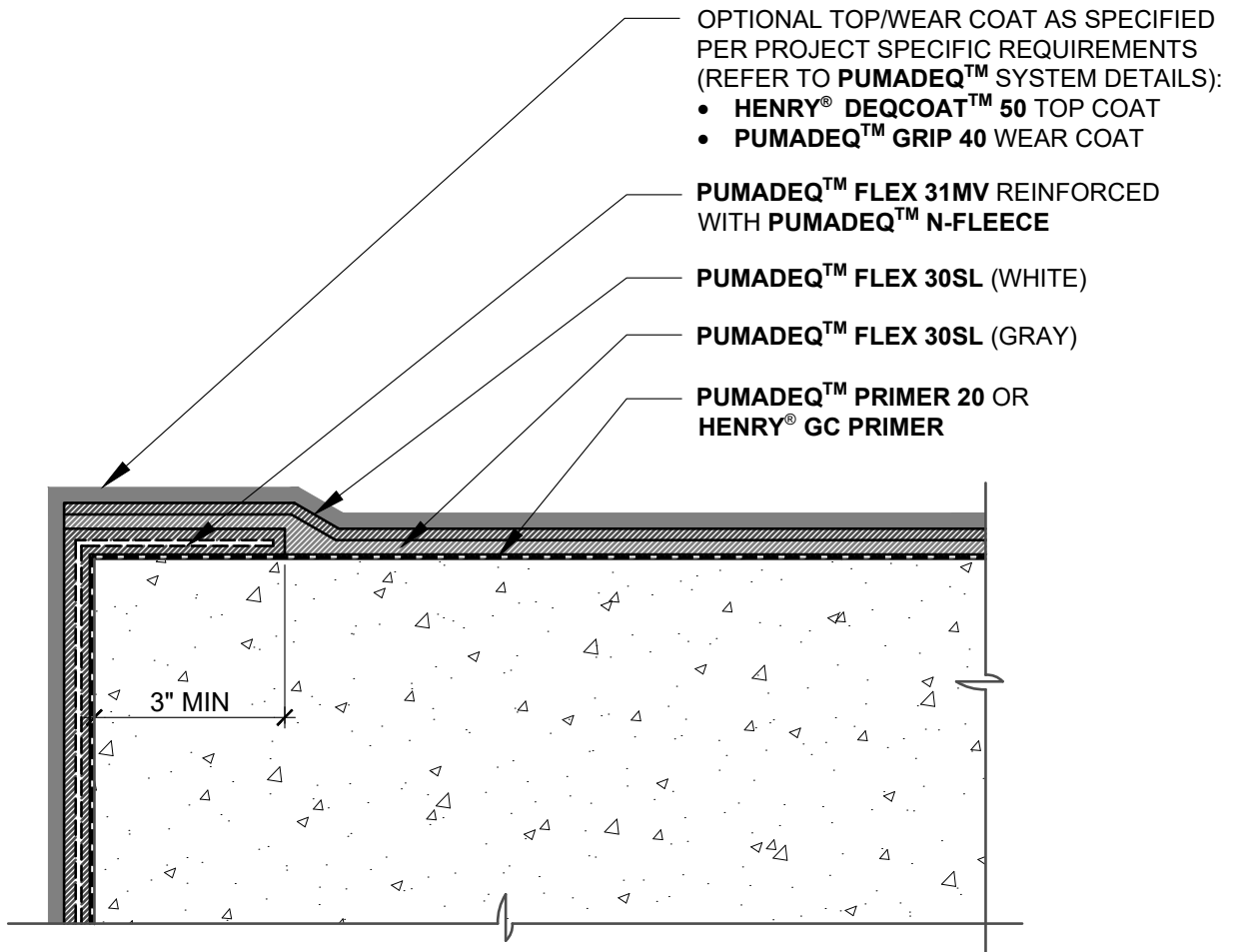
OUTSIDE CORNERS

**UNREINFORCED FIELD MEMBRANE
 CORNER FLASHING AT DOWNTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-C7C



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEC™** RESIN.
6. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

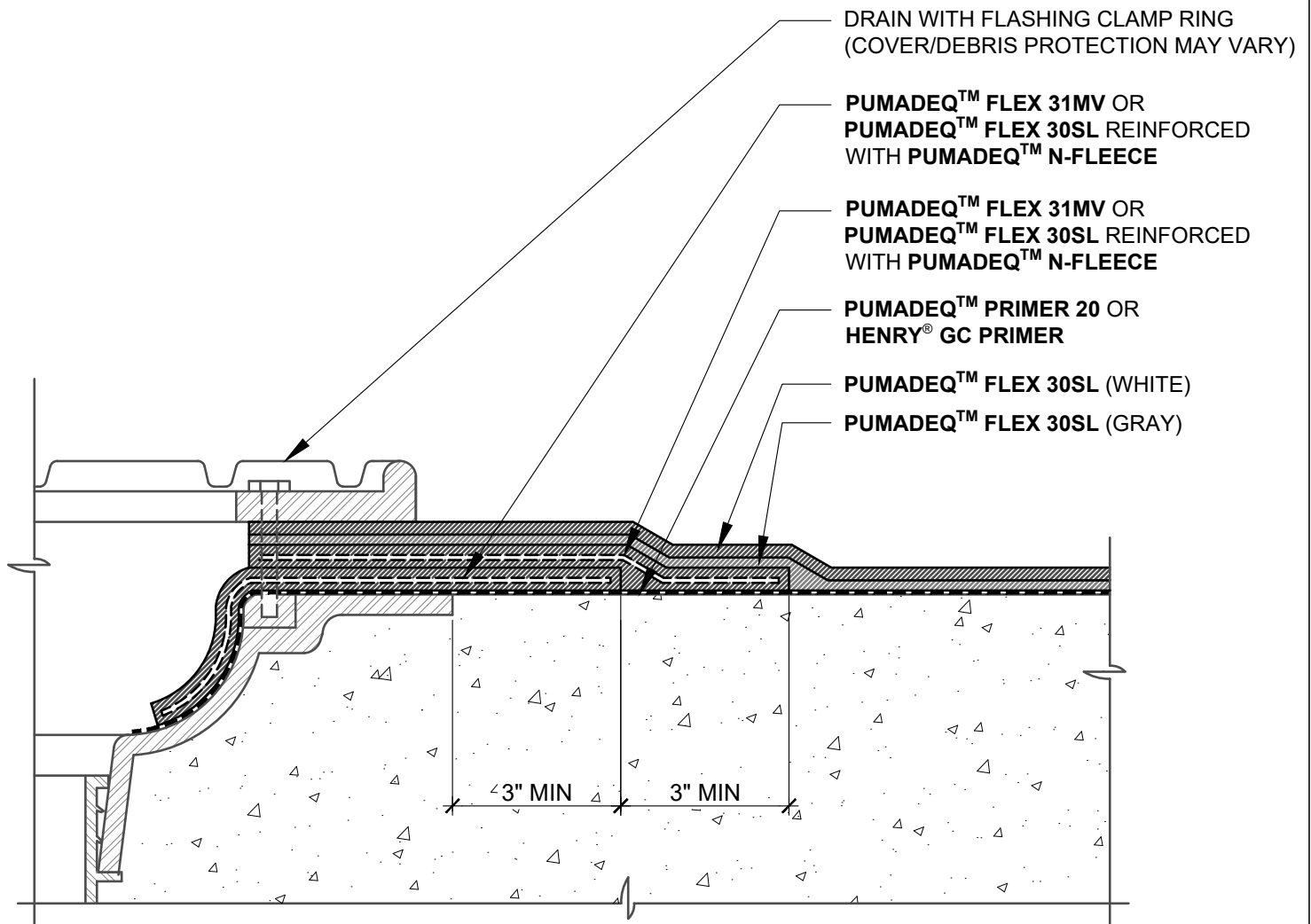
OUTSIDE CORNERS

**UNREINFORCED FIELD MEMBRANE
CORNER FLASHING AT DOWNTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-C7D



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

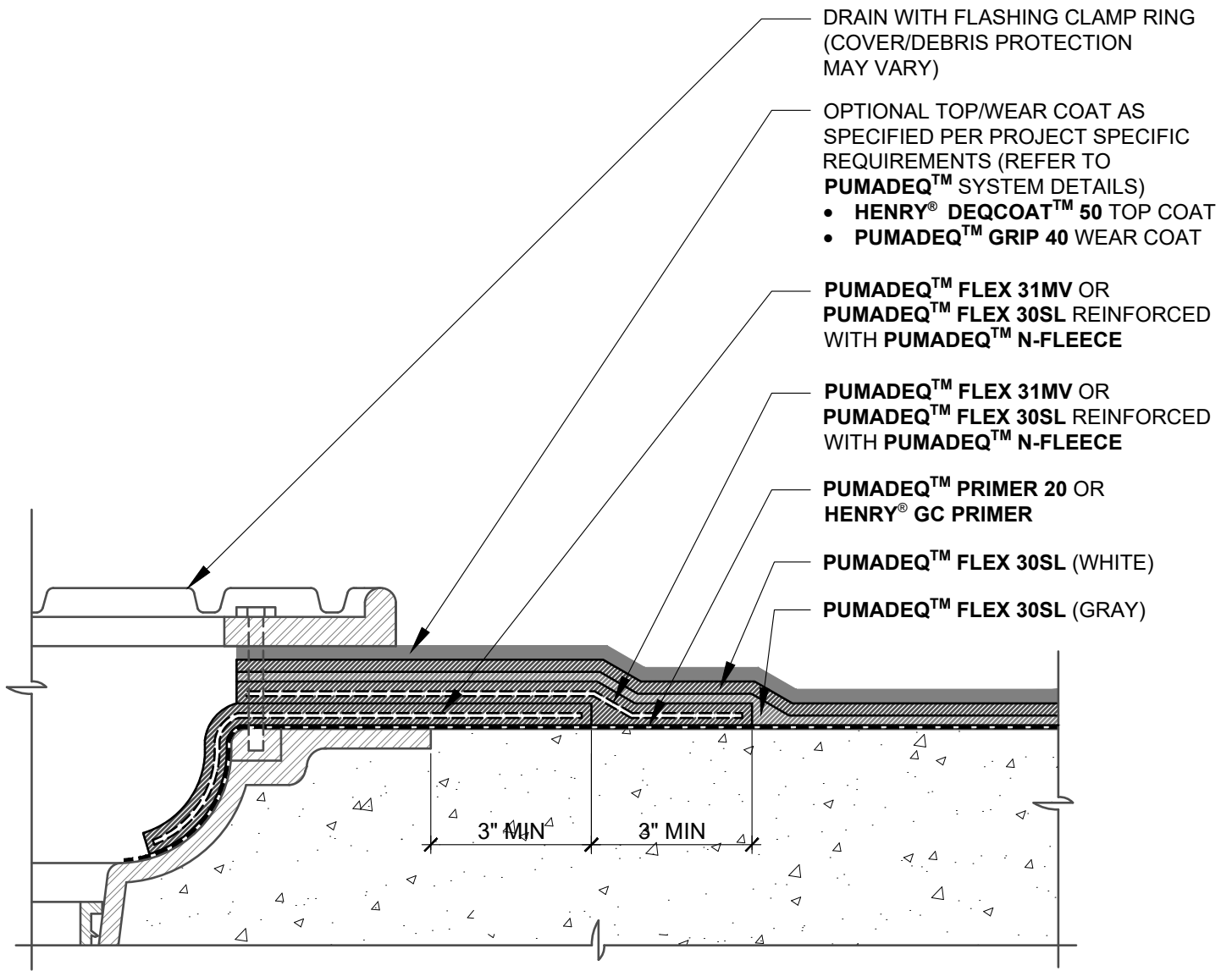
DRAIN - CLAMPING RING

**UNREINFORCED FIELD MEMBRANE
DRAIN WITH CLAMPING RING**

SCALE: N.T.S.

04-26-2019

PUMADEC-D1C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

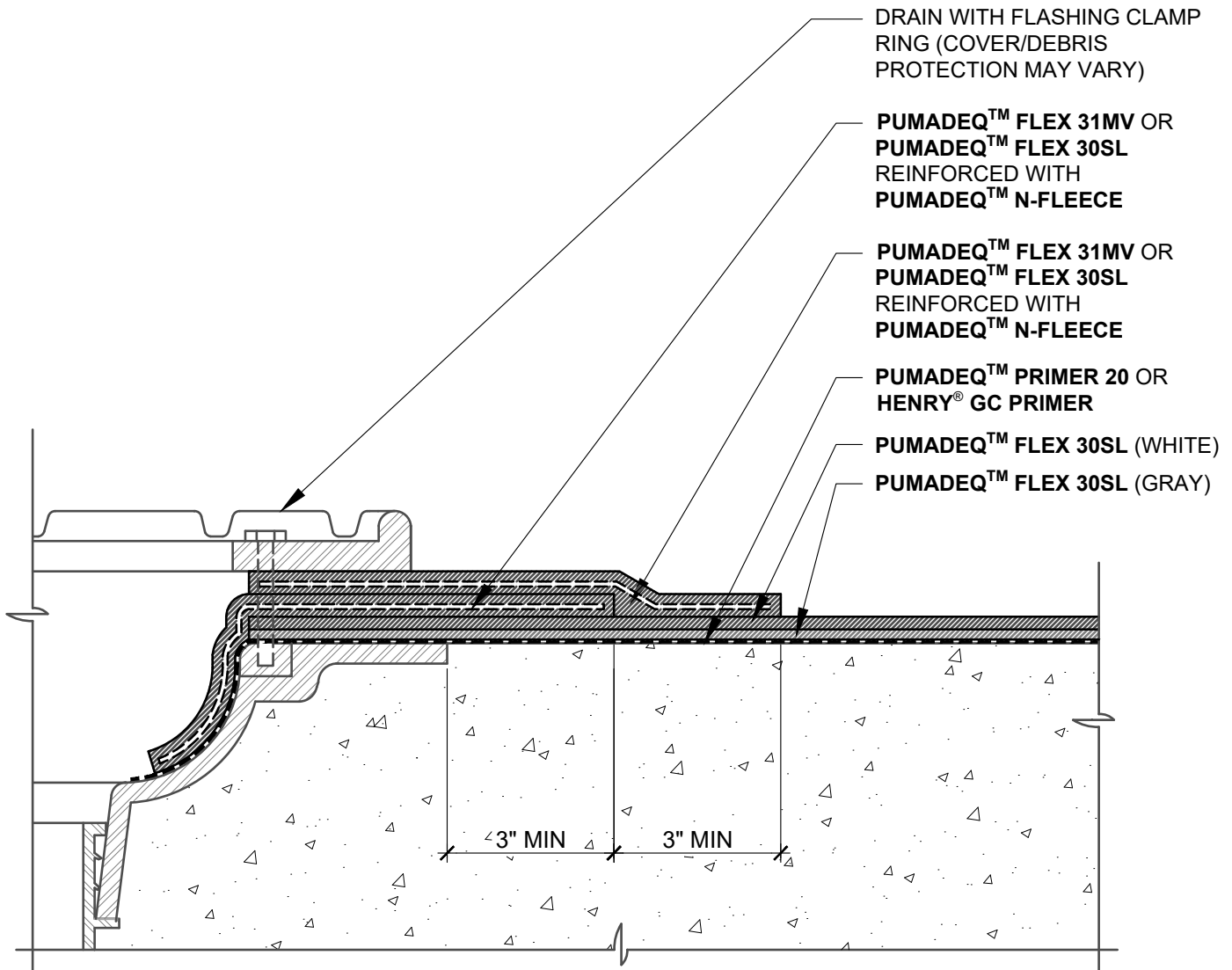
DRAIN - CLAMPING RING

UNREINFORCED FIELD MEMBRANE
DRAIN WITH CLAMPING RING WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-D1D



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

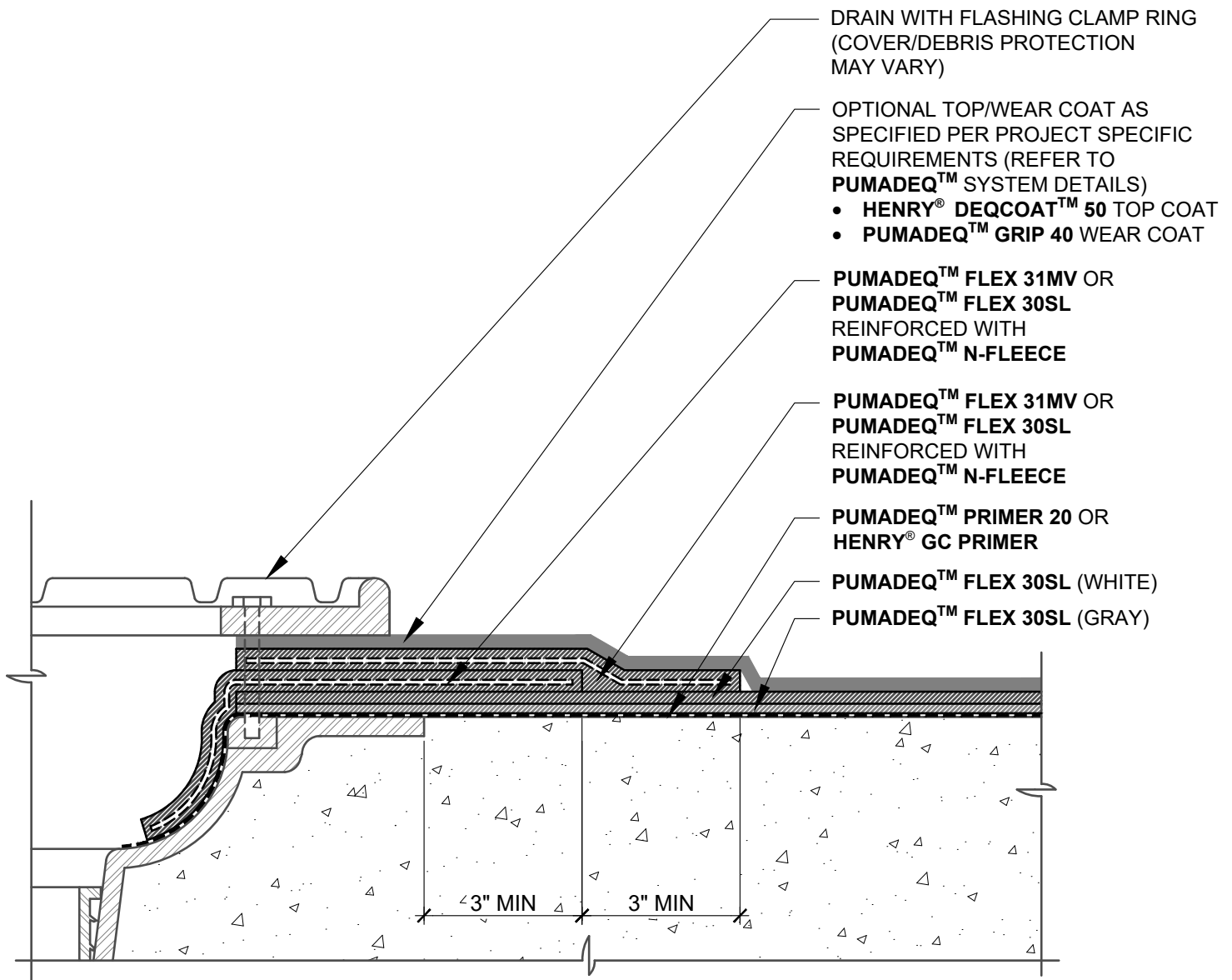
DRAIN - CLAMPING RING

**UNREINFORCED FIELD MEMBRANE
DRAIN WITH CLAMPING RING**

SCALE: N.T.S.

04-26-2019

PUMADEC-D2C



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

DRAIN - CLAMPING RING
UNREINFORCED FIELD MEMBRANE - DRAIN WITH CLAMPING RING WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-D2D

PUMADEC™ PRIMER 20

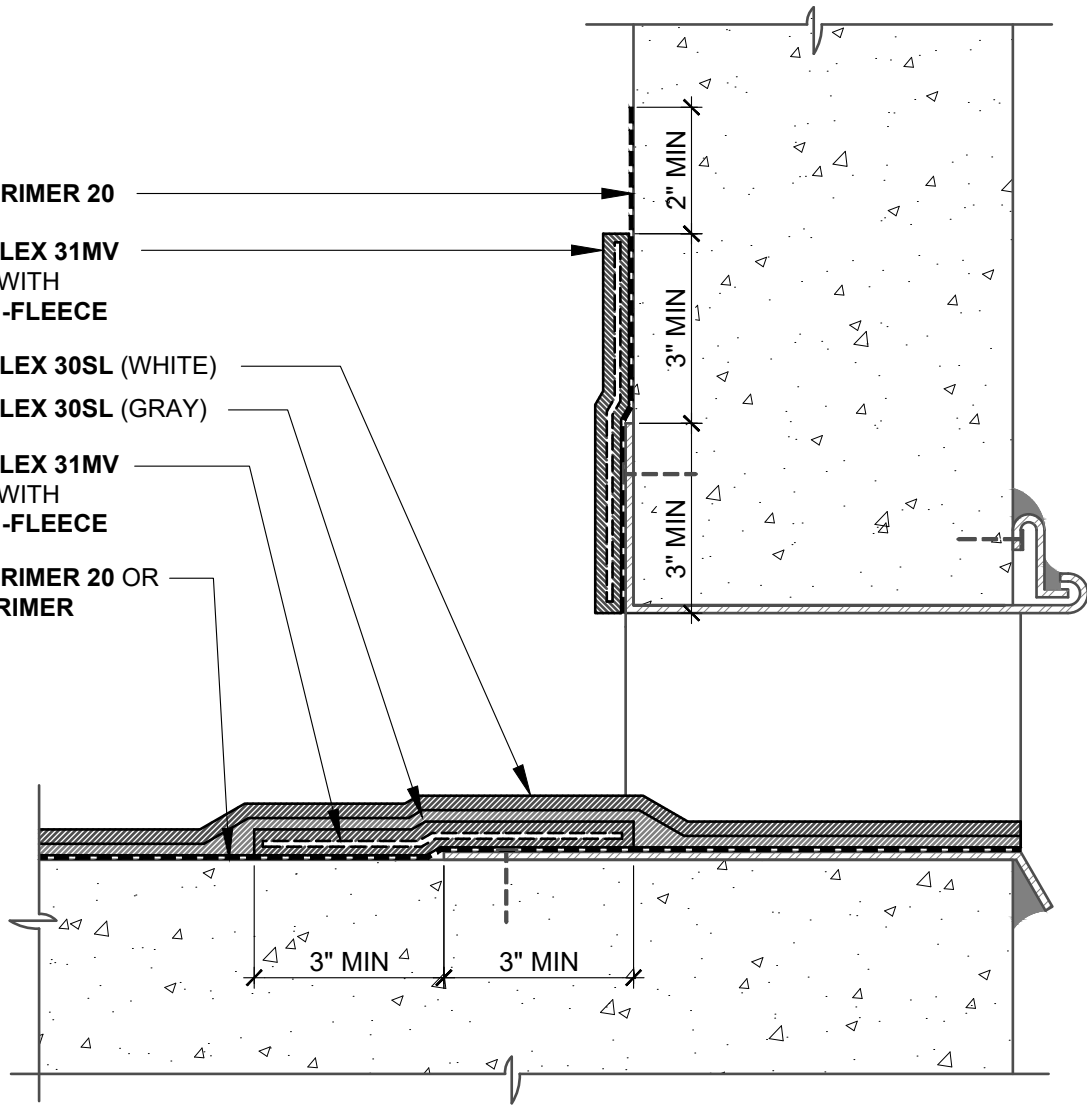
PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ FLEX 30SL (WHITE)

PUMADEC™ FLEX 30SL (GRAY)

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ PRIMER 20 OR
HENRY® GC PRIMER



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SCUPPER

UNREINFORCED FIELD MEMBRANE
THRU-WALL SCUPPER FLASHING

SCALE: N.T.S.

04-26-2019

PUMADEC-D3A

PUMADEC™ PRIMER 20

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

OPTIONAL TOP/WEAR COAT AS SPECIFIED
PER PROJECT SPECIFIC REQUIREMENTS
(REFER TO **PUMADEC™** SYSTEM DETAILS):

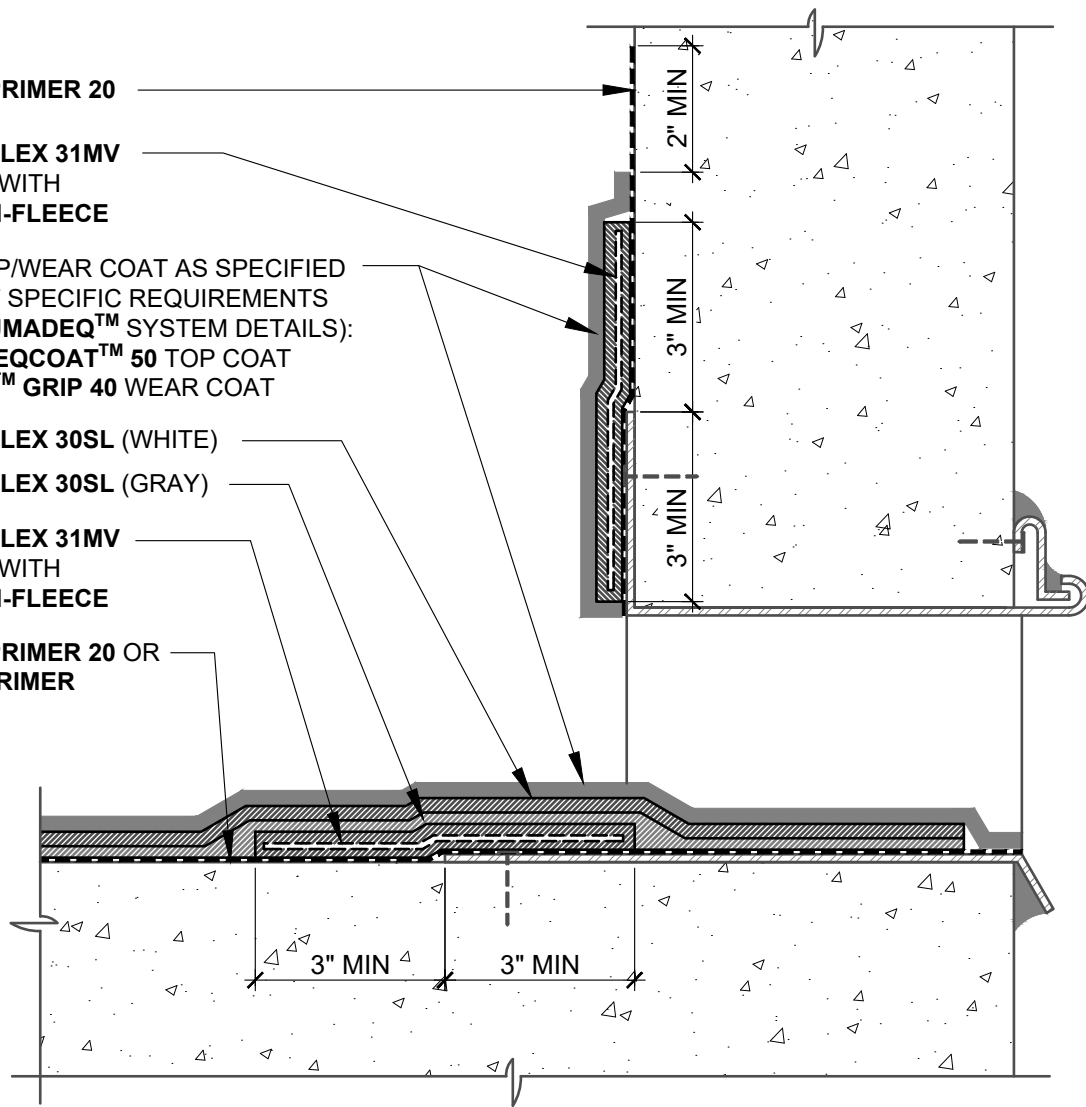
- **HENRY® DEQCOAT™ 50** TOP COAT
- **PUMADEC™ GRIP 40** WEAR COAT

PUMADEC™ FLEX 30SL (WHITE)

PUMADEC™ FLEX 30SL (GRAY)

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ PRIMER 20 OR
HENRY® GC PRIMER



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

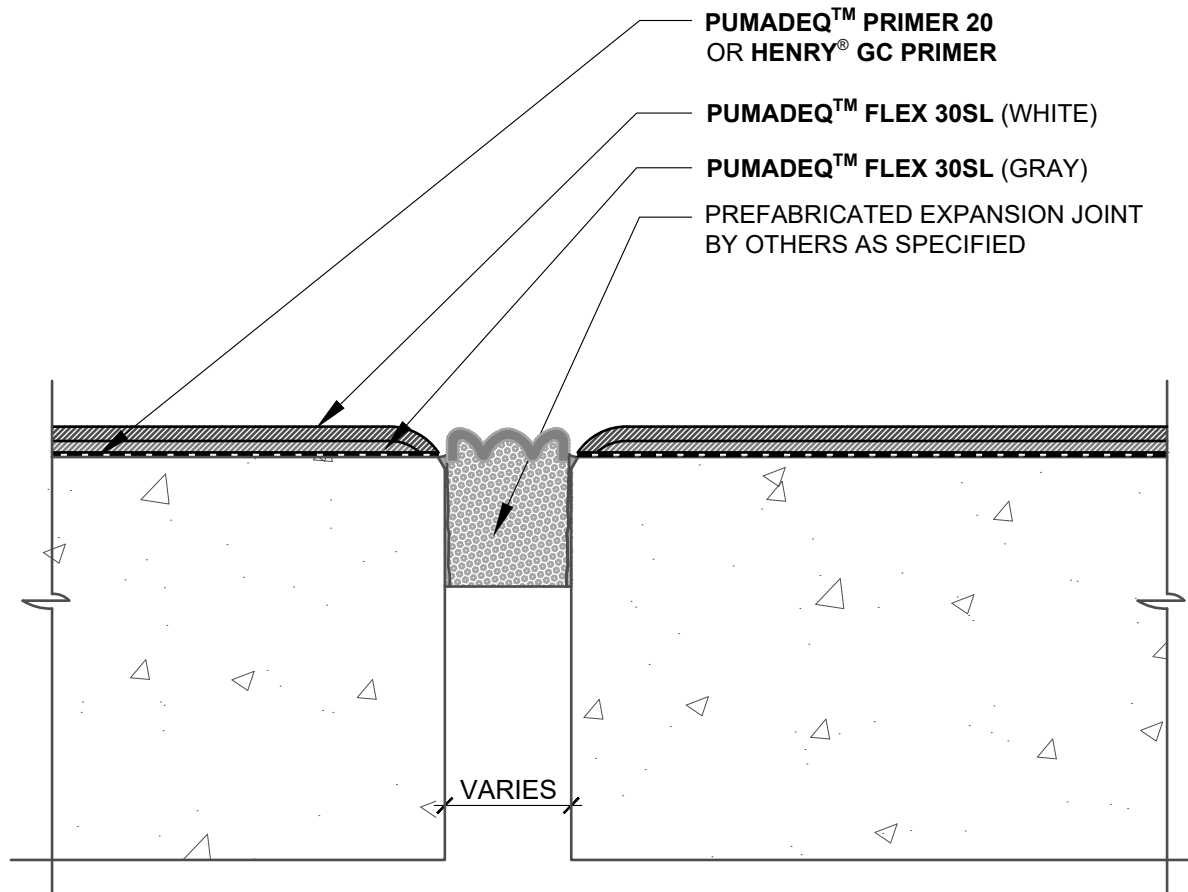
SCUPPER

**UNREINFORCED FIELD MEMBRANE - THRU-WALL
SCUPPER FLASHING WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-D3B



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. EXPANSION JOINT MANUFACTURED AND INSTALLED BY OTHERS AS SPECIFIED. CONTACT HENRY® FOR PROJECT SPECIFIC COORDINATION OF PUMADEC™ SYSTEM WITH EXPANSION JOINT.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

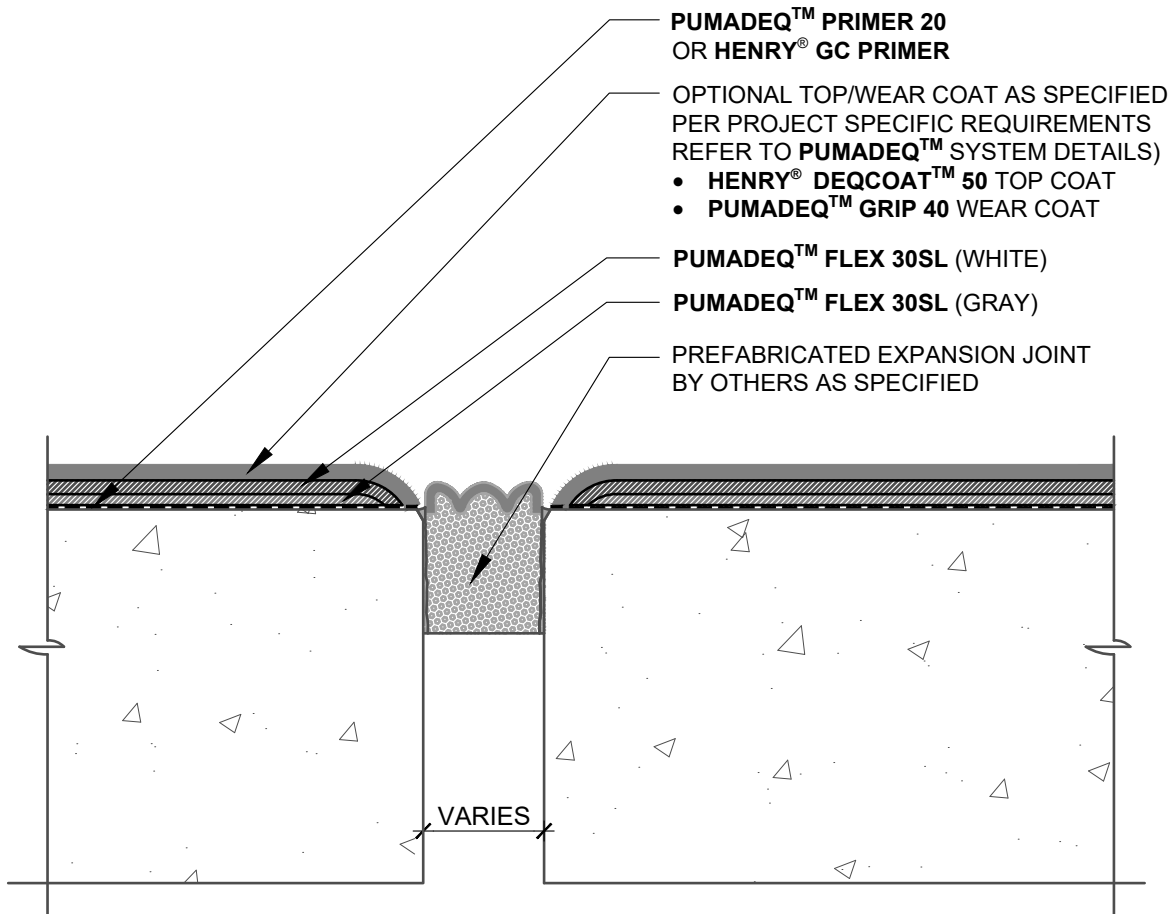
EXPANSION JOINT

**UNREINFORCED FIELD MEMBRANE
PREFABRICATED EXPANSION JOINT**

SCALE: N.T.S.

04-26-2019

PUMADEC-EJ3



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. EXPANSION JOINT MANUFACTURED AND INSTALLED BY OTHERS AS SPECIFIED. CONTACT HENRY® FOR PROJECT SPECIFIC COORDINATION OF **PUMADEC™** SYSTEM WITH EXPANSION JOINT.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

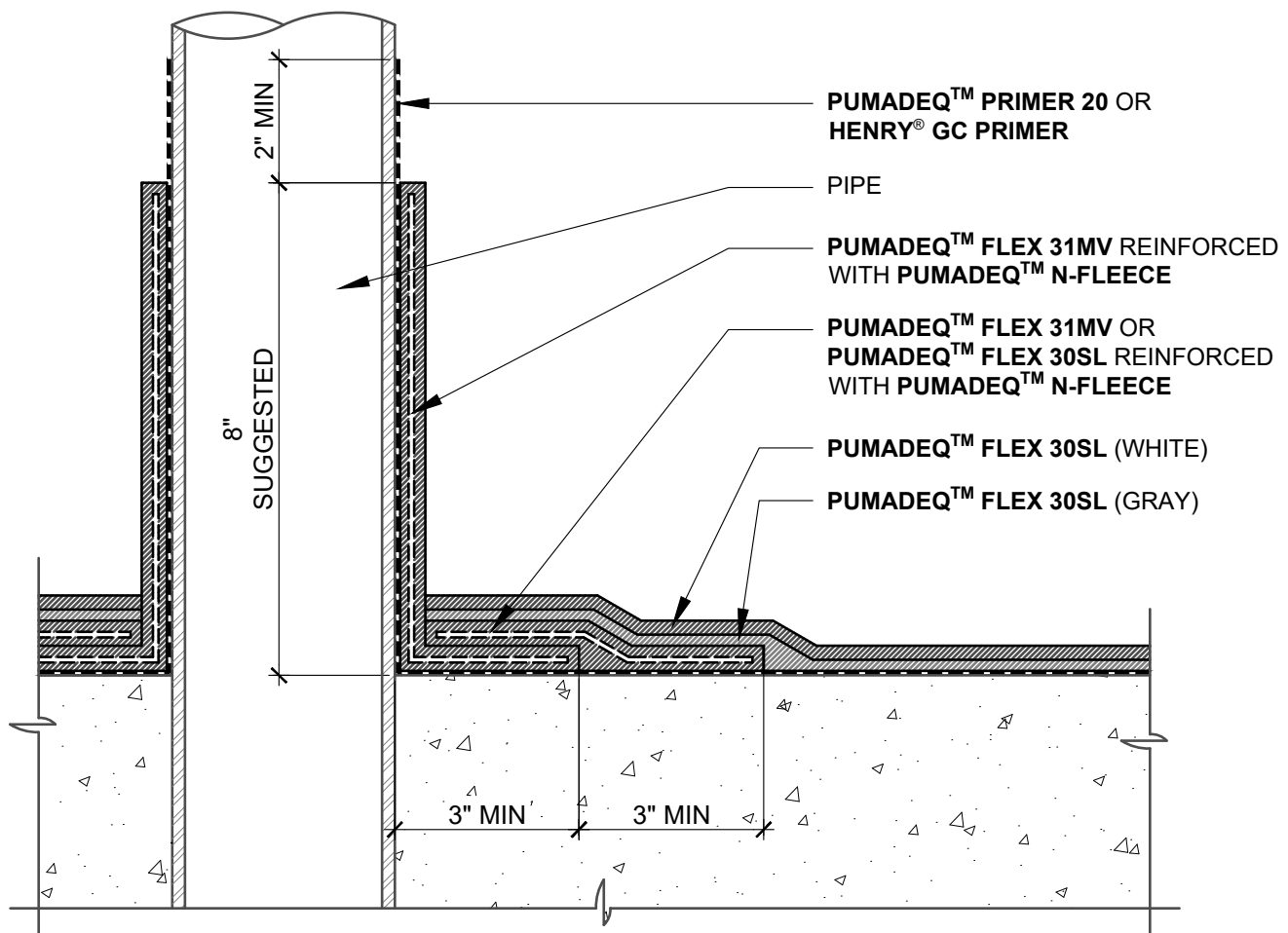
EXPANSION JOINT

**UNREINFORCED FIELD MEMBRANE - PREFABRICATED
EXPANSION JOINT WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-EJ4



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEQ™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

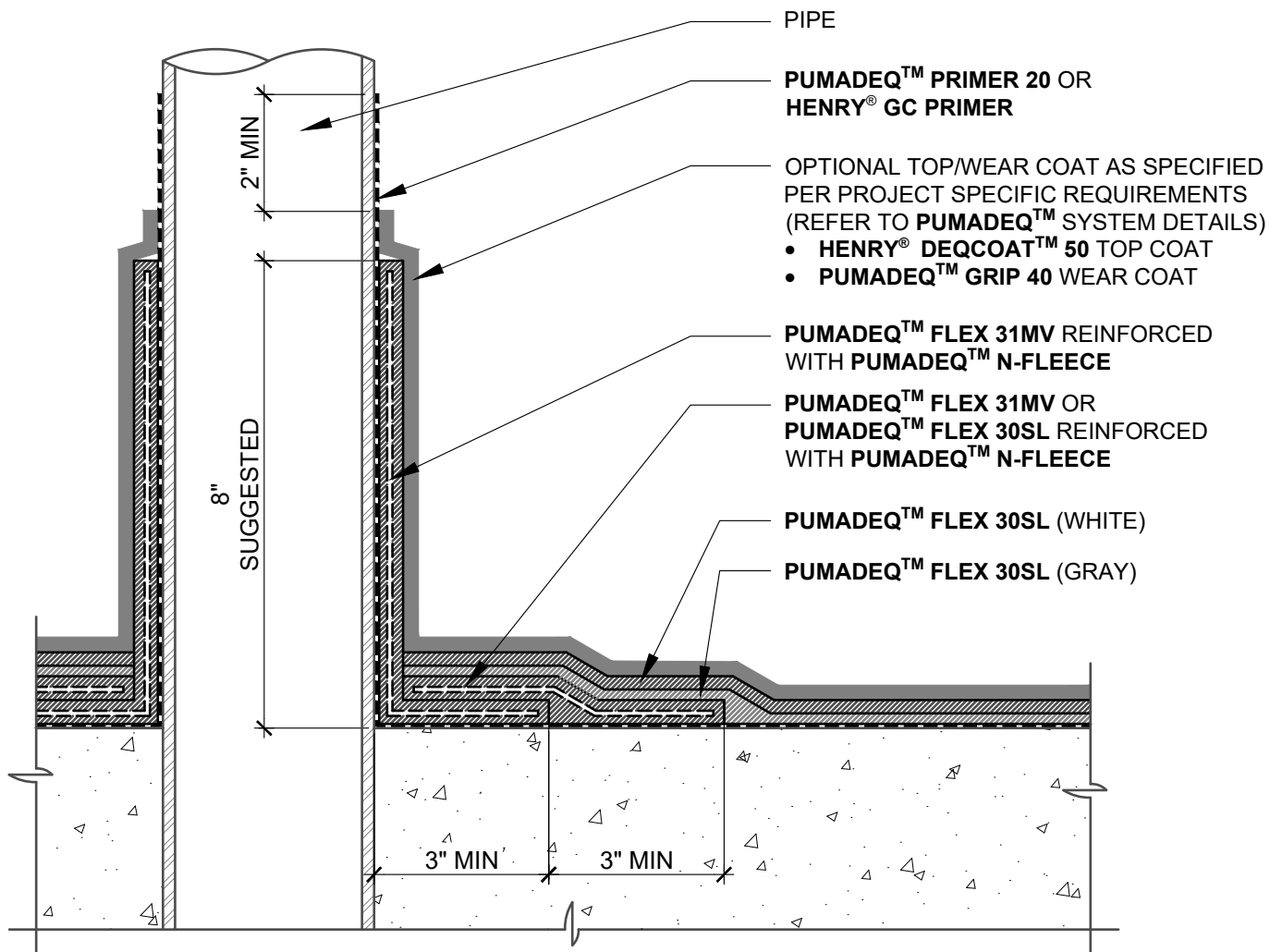
PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE
HORIZONTAL SUBSTRATES

SCALE: N.T.S.

04-26-2019

PUMADEQ-P1E



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

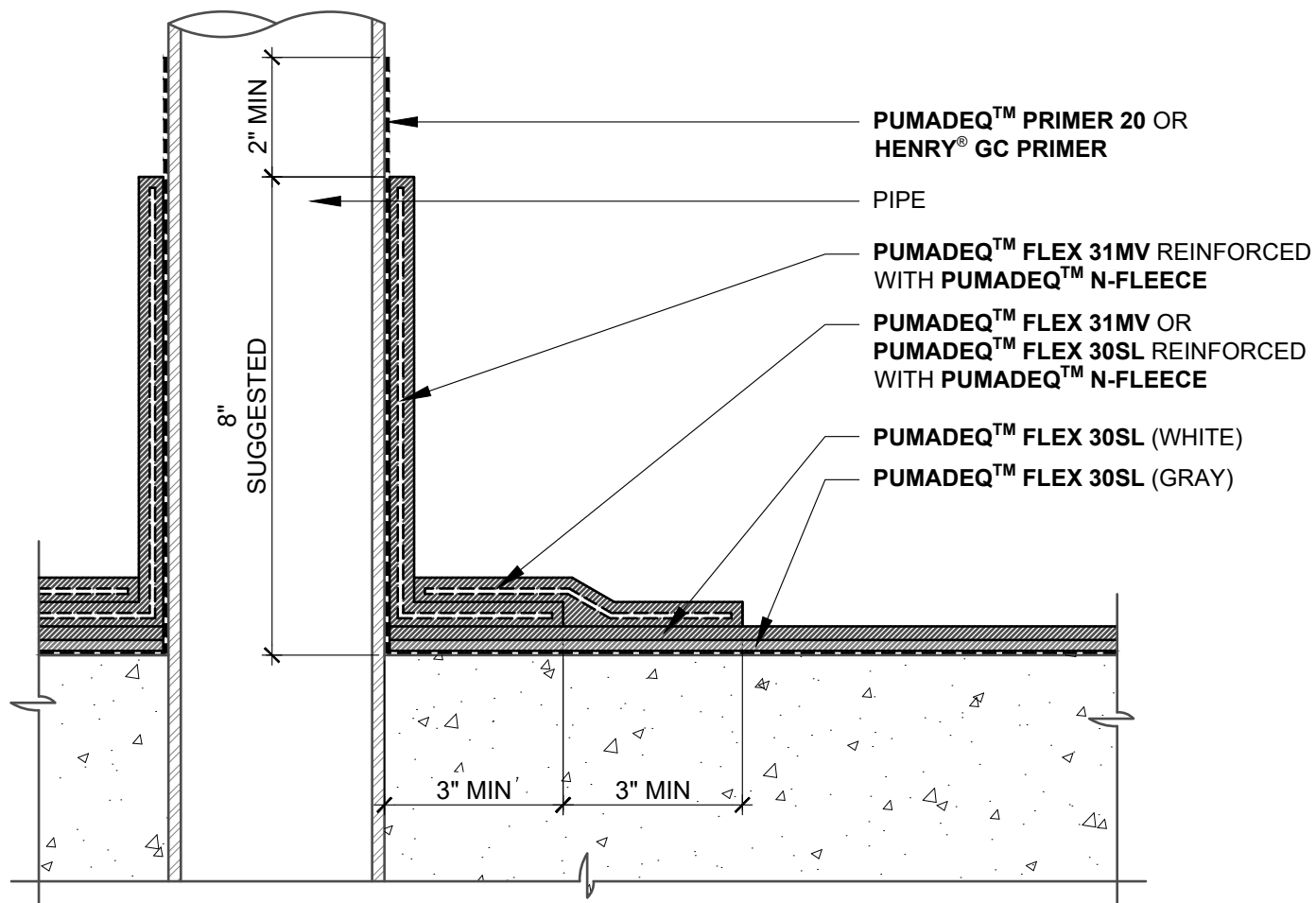
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE WITH
TOP OR WEAR COAT - HORIZONTAL SUBSTRATES

SCALE: N.T.S.

04-26-2019

PUMADEC-P1F



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

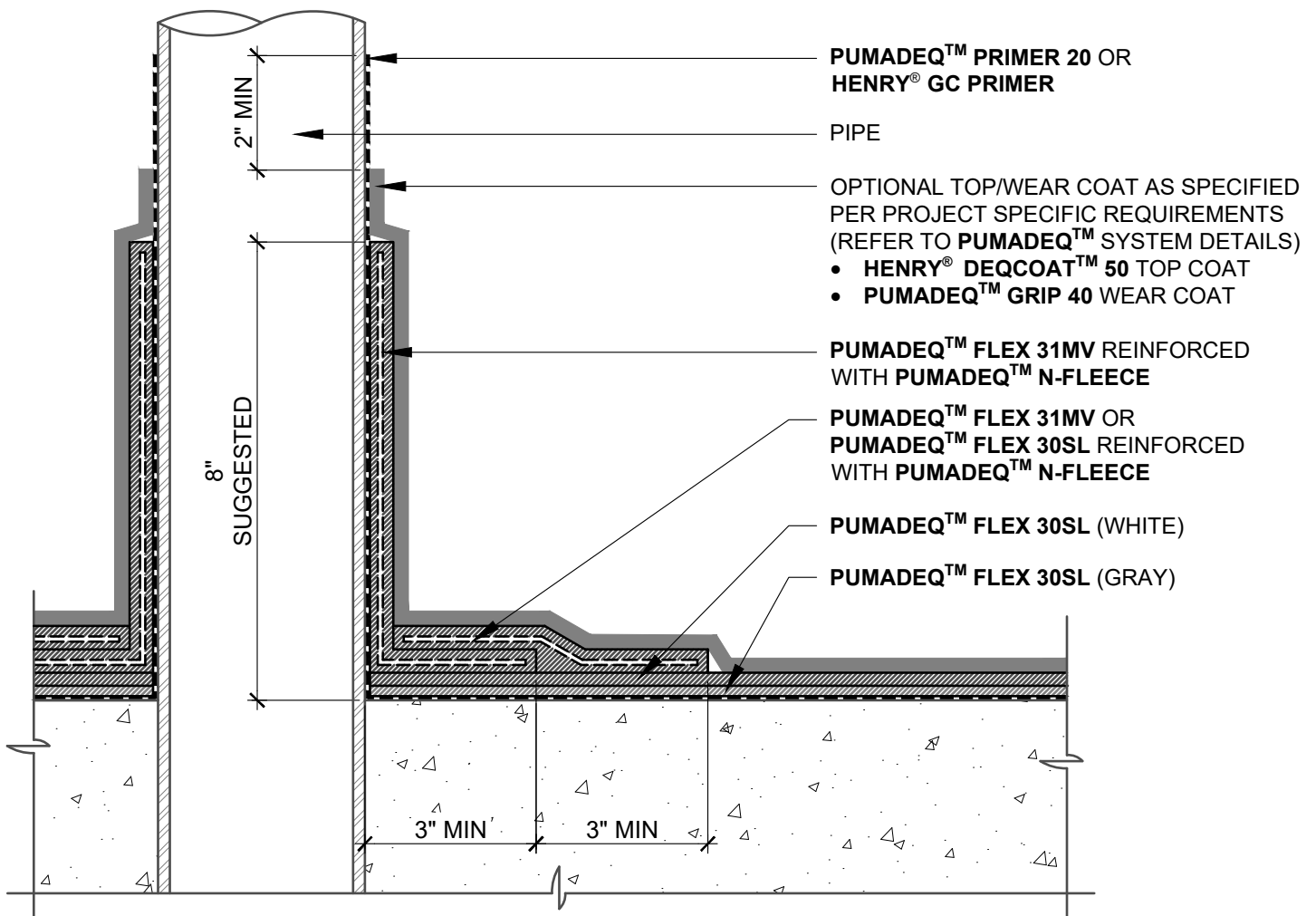
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE
HORIZONTAL SUBSTRATES

SCALE: N.T.S.

04-26-2019

PUMADEC-P1G



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

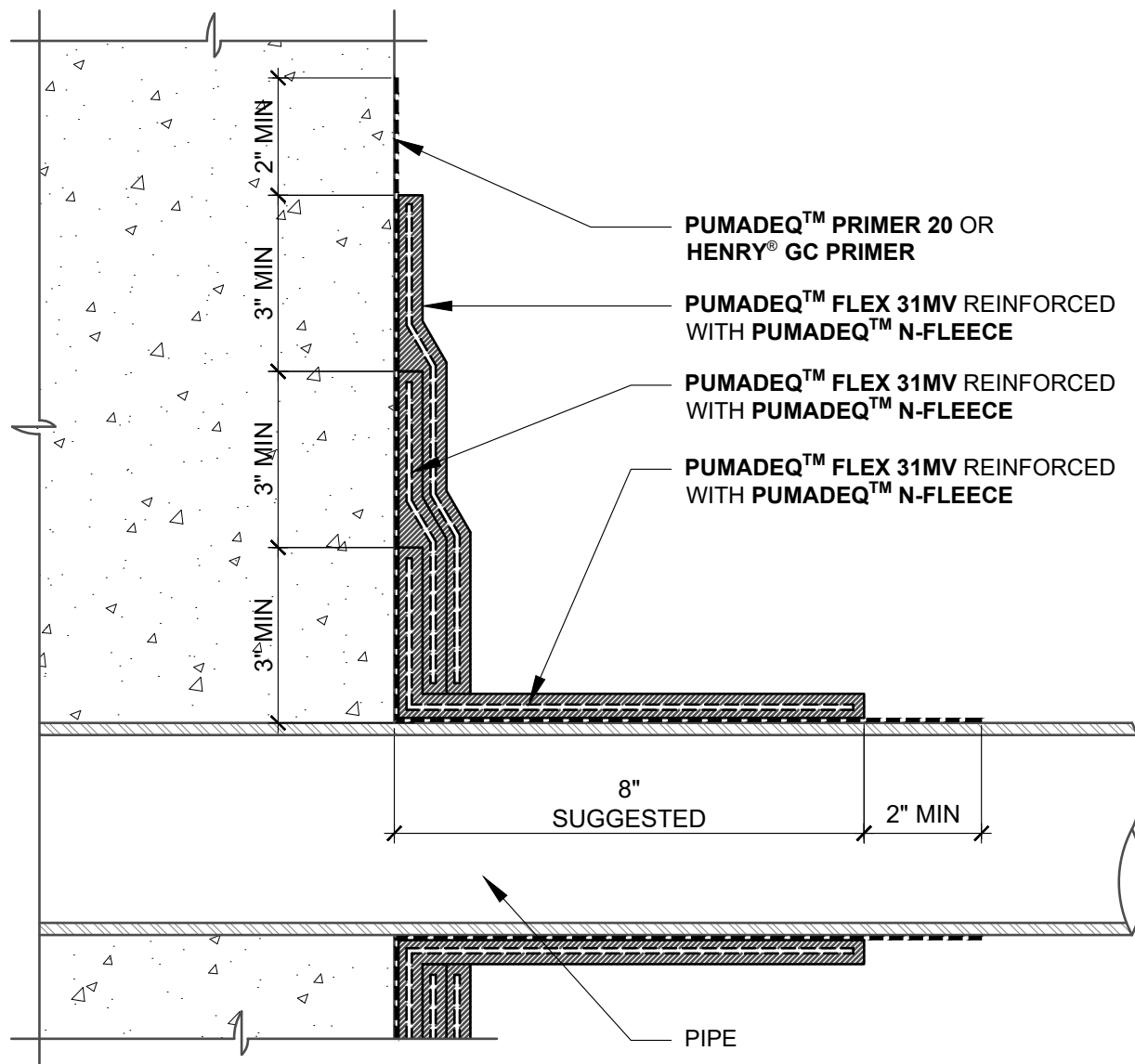
PIPE PENETRATION

**UNREINFORCED FIELD MEMBRANE
WITH TOP OR WEAR COAT - HORIZONTAL SUBSTRATES**

SCALE: N.T.S.

04-26-2019

PUMADEC-P1H



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

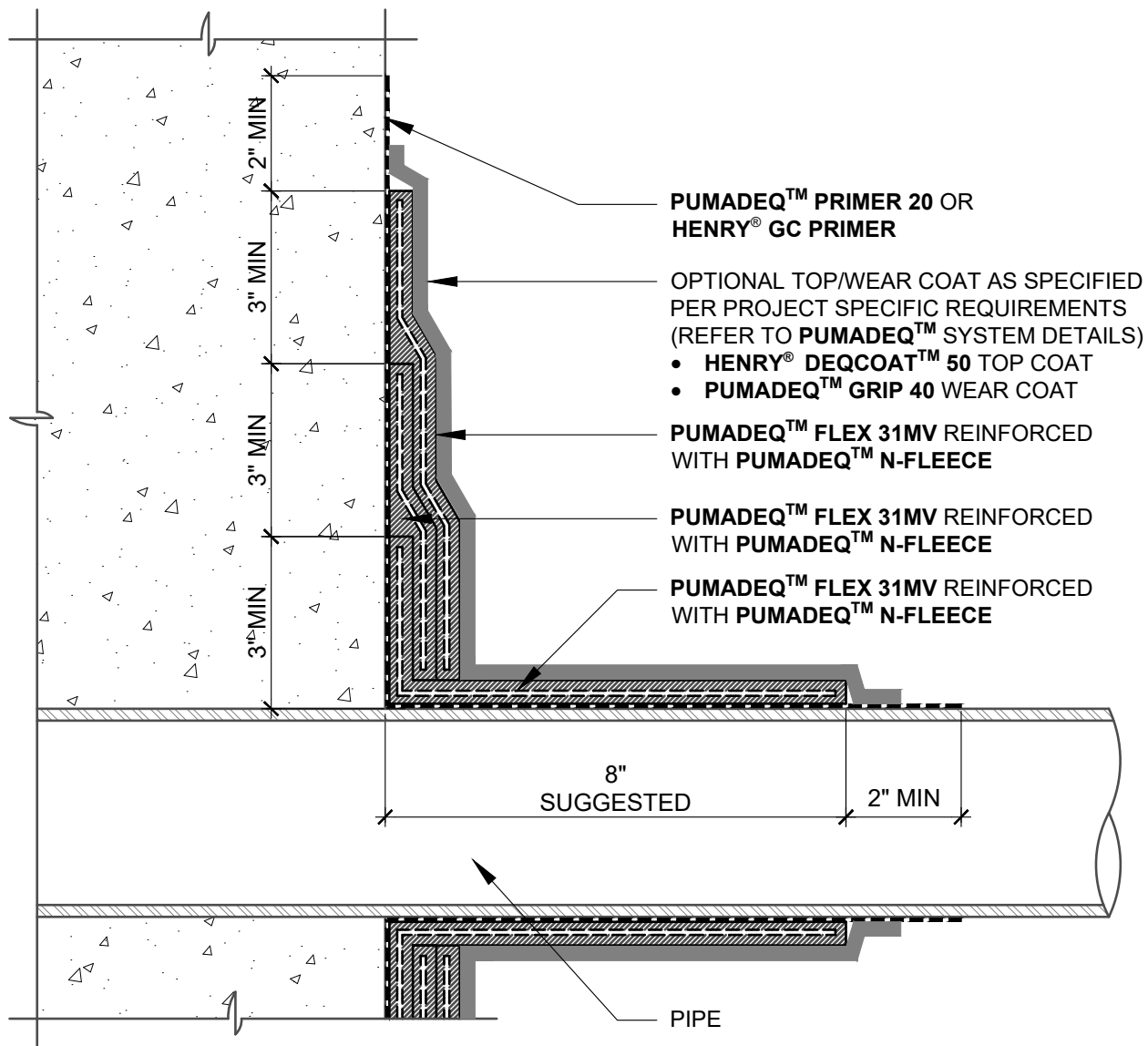
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**PIPE PENETRATION
 UNREINFORCED FIELD MEMBRANE
 ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

04-26-2019

PUMADEC-P2C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE WITH
TOP OR WEAR COAT ON A VERTICAL SUBSTRATE

SCALE: N.T.S.

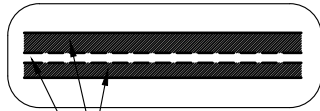
04-26-2019

PUMADEC-P2D

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
UNREINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

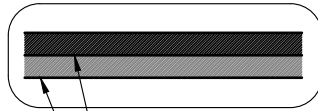
- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 30SL UNREINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS
(REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

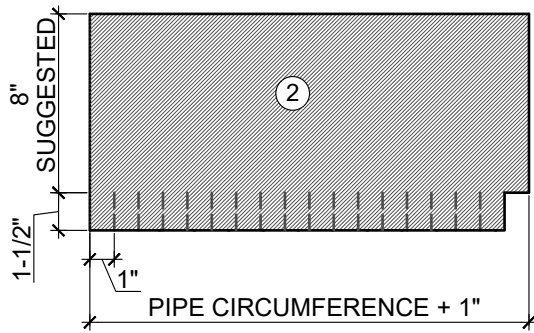


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

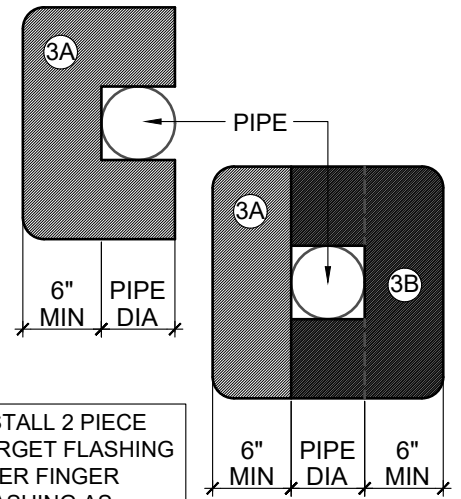
**PUMADEQ™ FLEX 30SL
UNREINFORCED FIELD MEMBRANE**



PUMADEQ™ FLEX 30SL
(WHITE)
PUMADEQ™ FLEX 30SL
(GRAY)

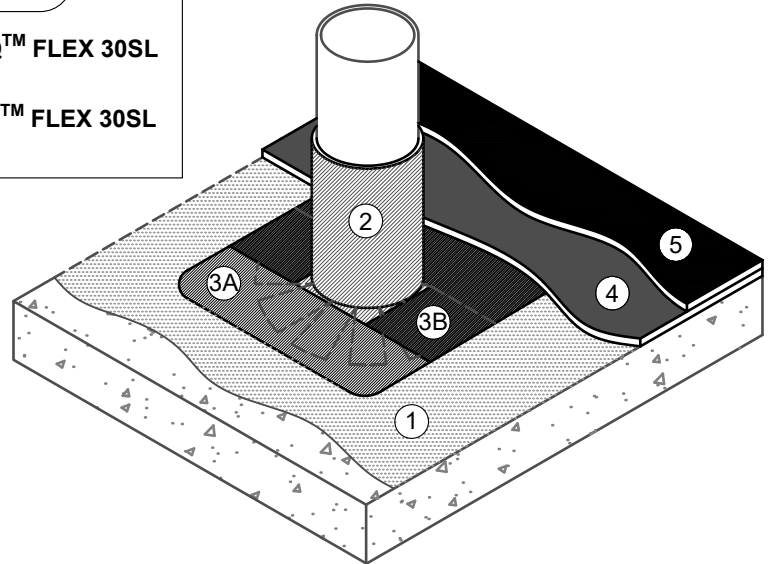


FINGER FLASHING TEMPLATE



INSTALL 2 PIECE
TARGET FLASHING
OVER FINGER
FLASHING AS
SHOWN IN STEPS
3A AND 3B

TARGET FLASHING TEMPLATE



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEQ™ SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEQ™ RESIN.
7. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

**PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE
HORIZONTAL SUBSTRATES**

SCALE: N.T.S.

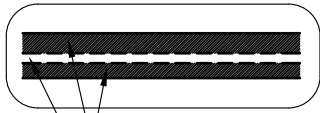
04-26-2019

PUMADEQ-P3C

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
UNREINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

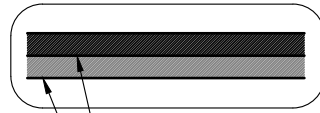
- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 31MV REINFORCED VERTICAL FLASHING
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

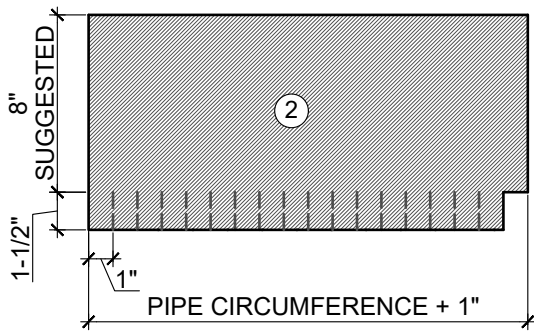


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

**PUMADEQ™ FLEX 30SL
UNREINFORCED FIELD MEMBRANE**

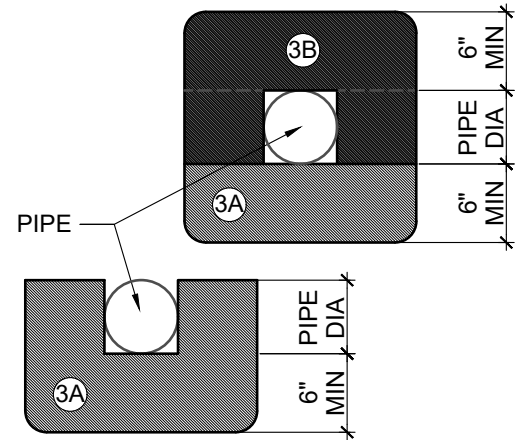


PUMADEQ™ FLEX 30SL
(WHITE)
PUMADEQ™ FLEX 30SL
(GRAY)

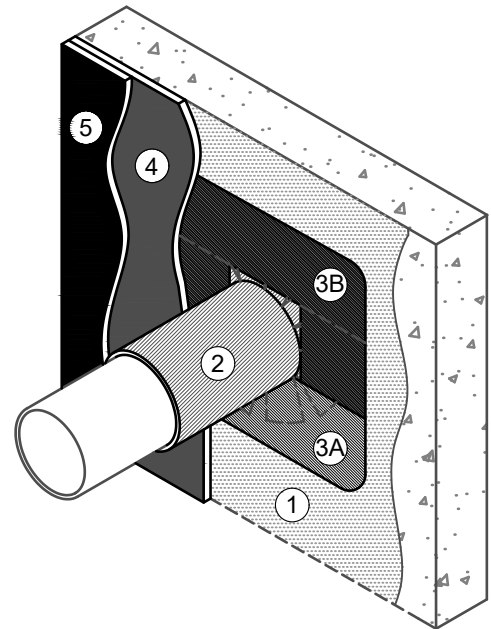


FINGER FLASHING TEMPLATE

INSTALL 2 PIECE TARGET FLASHING
OVER FINGER FLASHING AS SHOWN IN
STEPS 3A AND 3B



TARGET FLASHING TEMPLATE



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEQ™ SYSTEM DETAILS.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEQ™ RESIN.
7. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

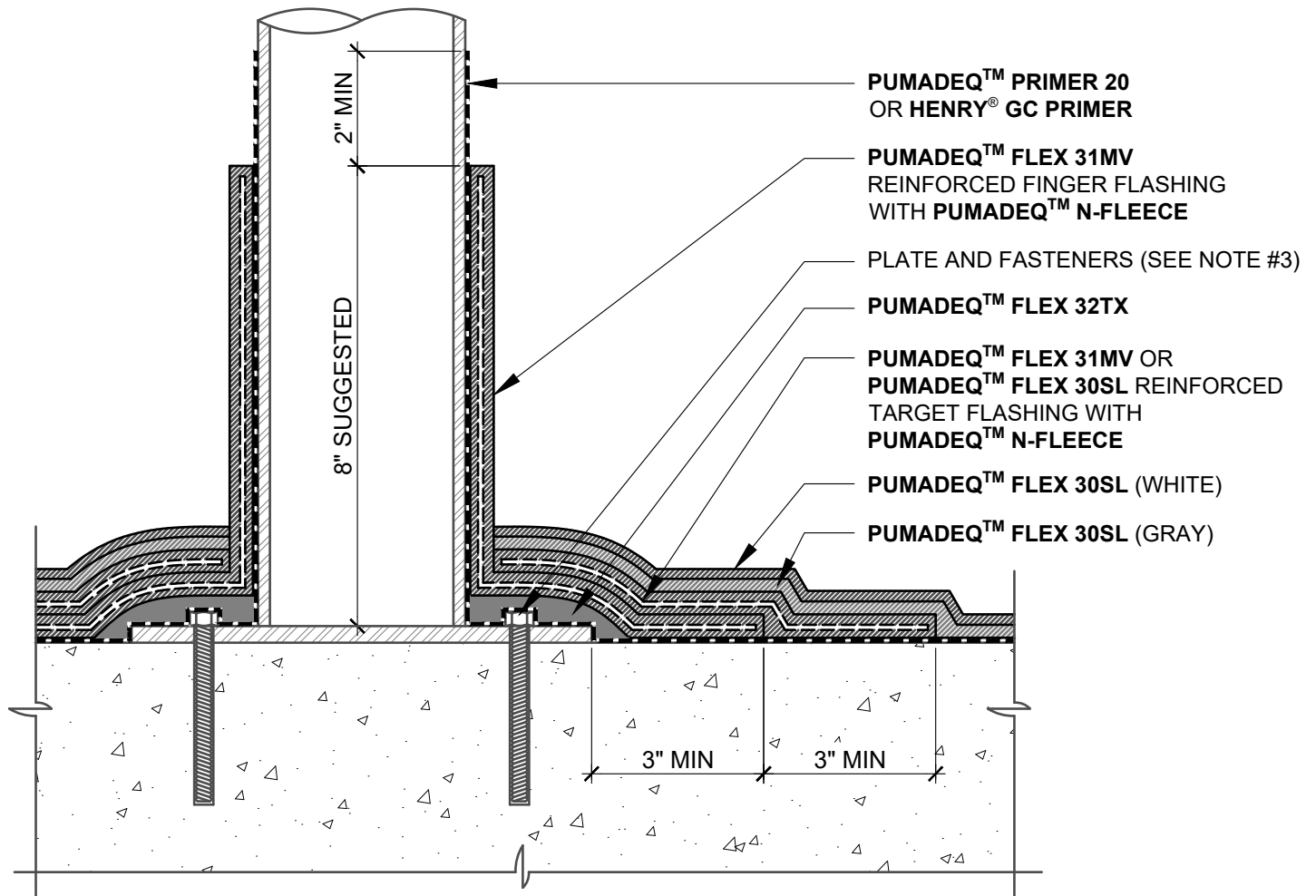
PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

**PIPE PENETRATION
UNREINFORCED FIELD MEMBRANE
ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

04-26-2019

PUMADEQ-P3D



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEQ™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

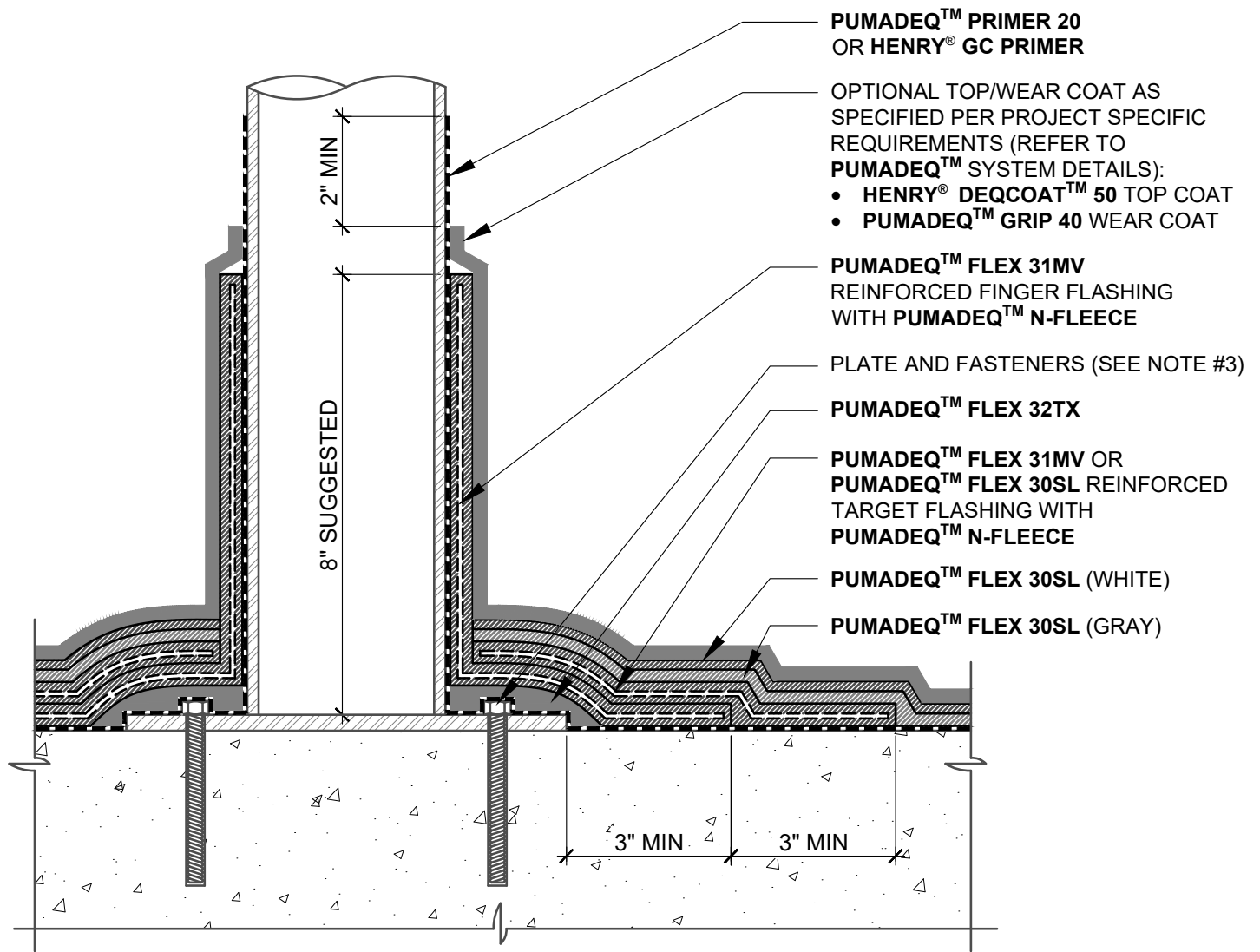
MOUNTING PLATE

**UNREINFORCED FIELD MEMBRANE WITH MOUNTING
PLATE INSTALLED DIRECTLY ONTO DECK**

SCALE: N.T.S.

04-26-2019

PUMADEQ-P4E



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

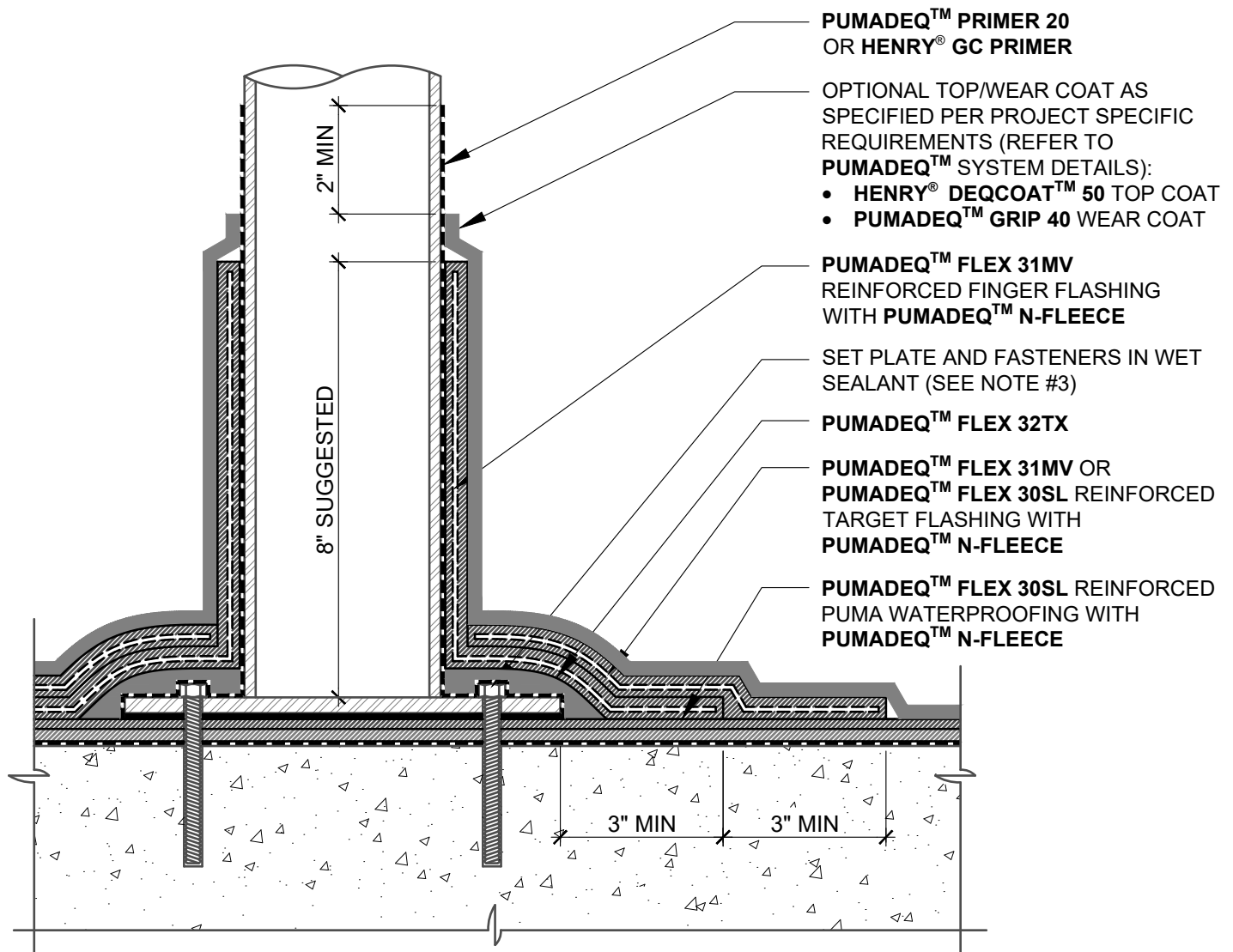
MOUNTING PLATE

UNREINFORCED FIELD MEMBRANE WITH MOUNTING PLATE INSTALLED DIRECTLY ONTO DECK

SCALE: N.T.S.

04-26-2019

PUMADEC-P4F



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE. AVOID EXCESS SEALANT OUTSIDE OF PLATE.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

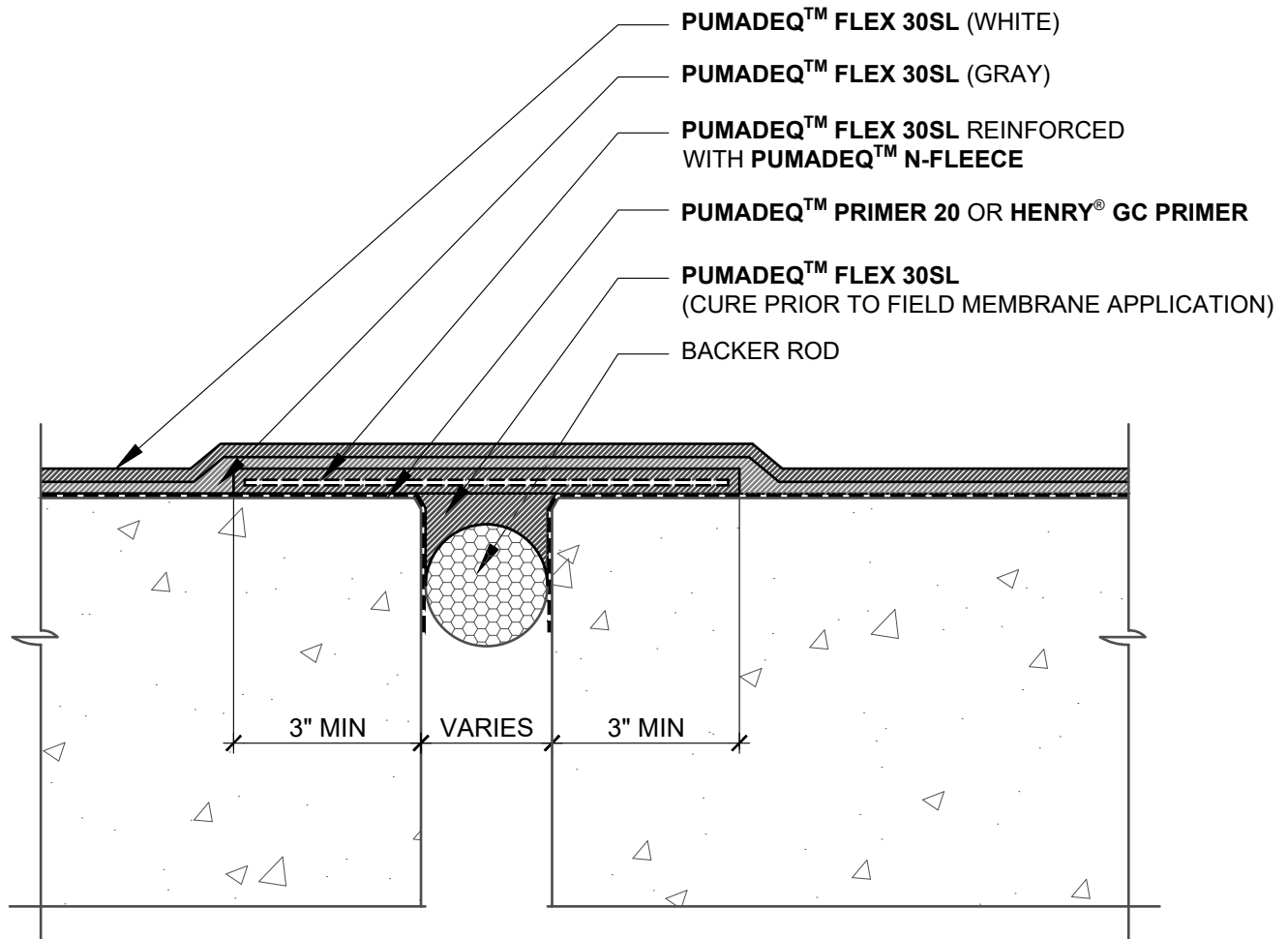
MOUNTING PLATE

UNREINFORCED FIELD MEMBRANE WITH MOUNTING PLATE INSTALLED ON EXISTING PUMADEC™ SYSTEM

SCALE: N.T.S.

04-26-2019

PUMADEC-P4H



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

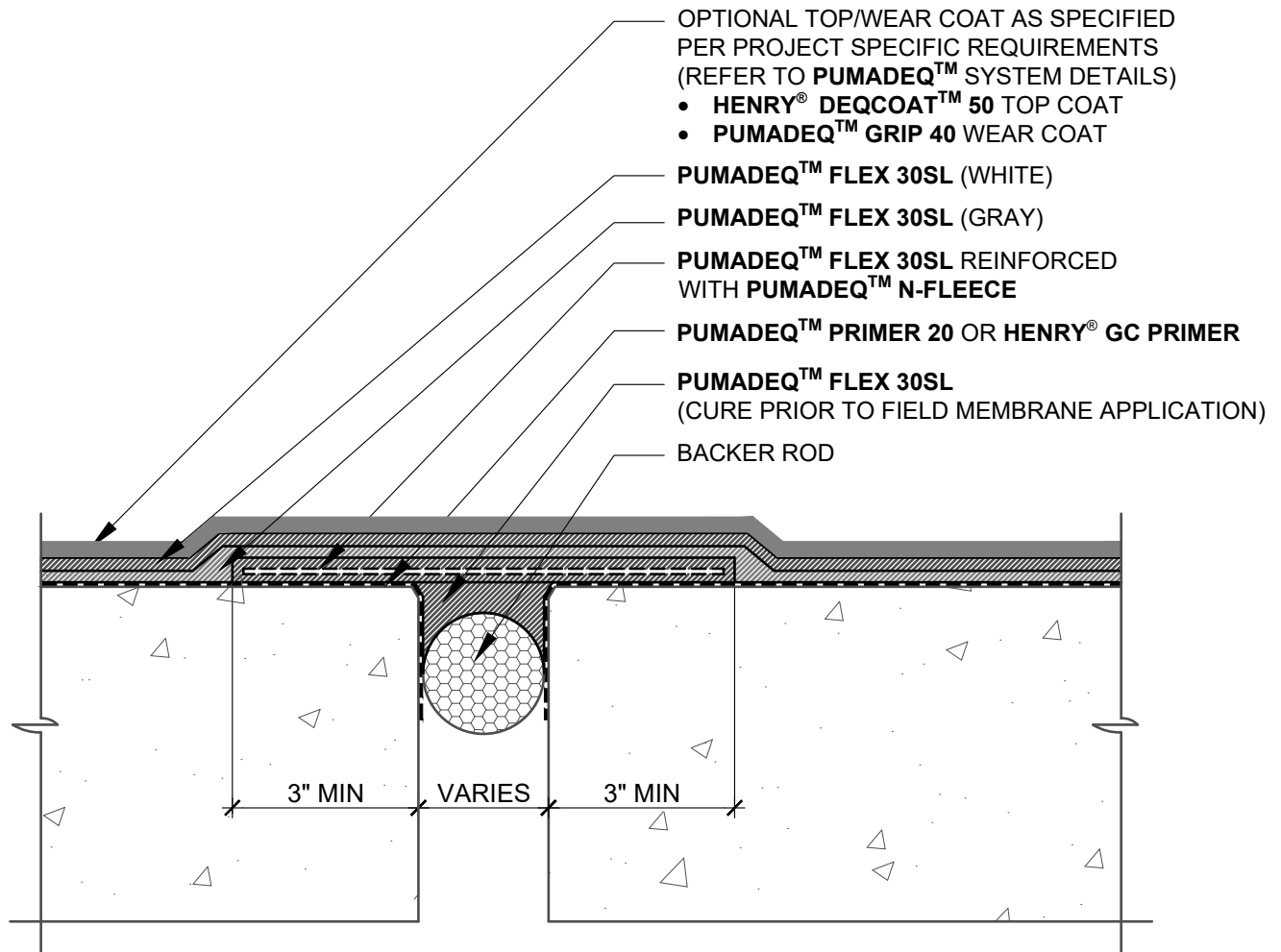
NON-MOVING JOINT

**UNREINFORCED FIELD MEMBRANE
 NON-MOVING CONSTRUCTION JOINT**

SCALE: N.T.S.

04-26-2019

PUMADEC-S7



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

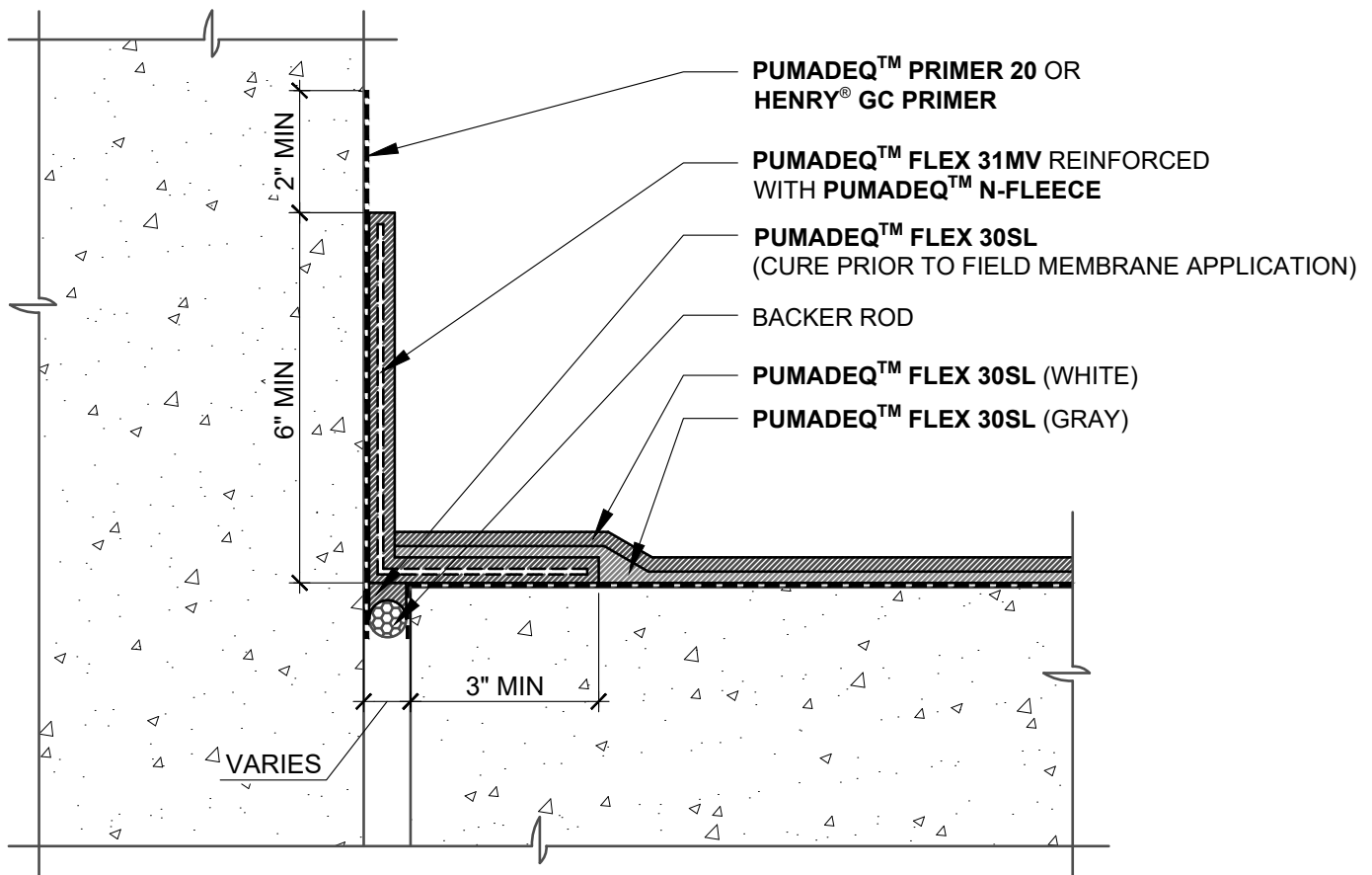
NON-MOVING JOINT

UNREINFORCED FIELD MEMBRANE NON-MOVING CONSTRUCTION JOINT WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S8



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

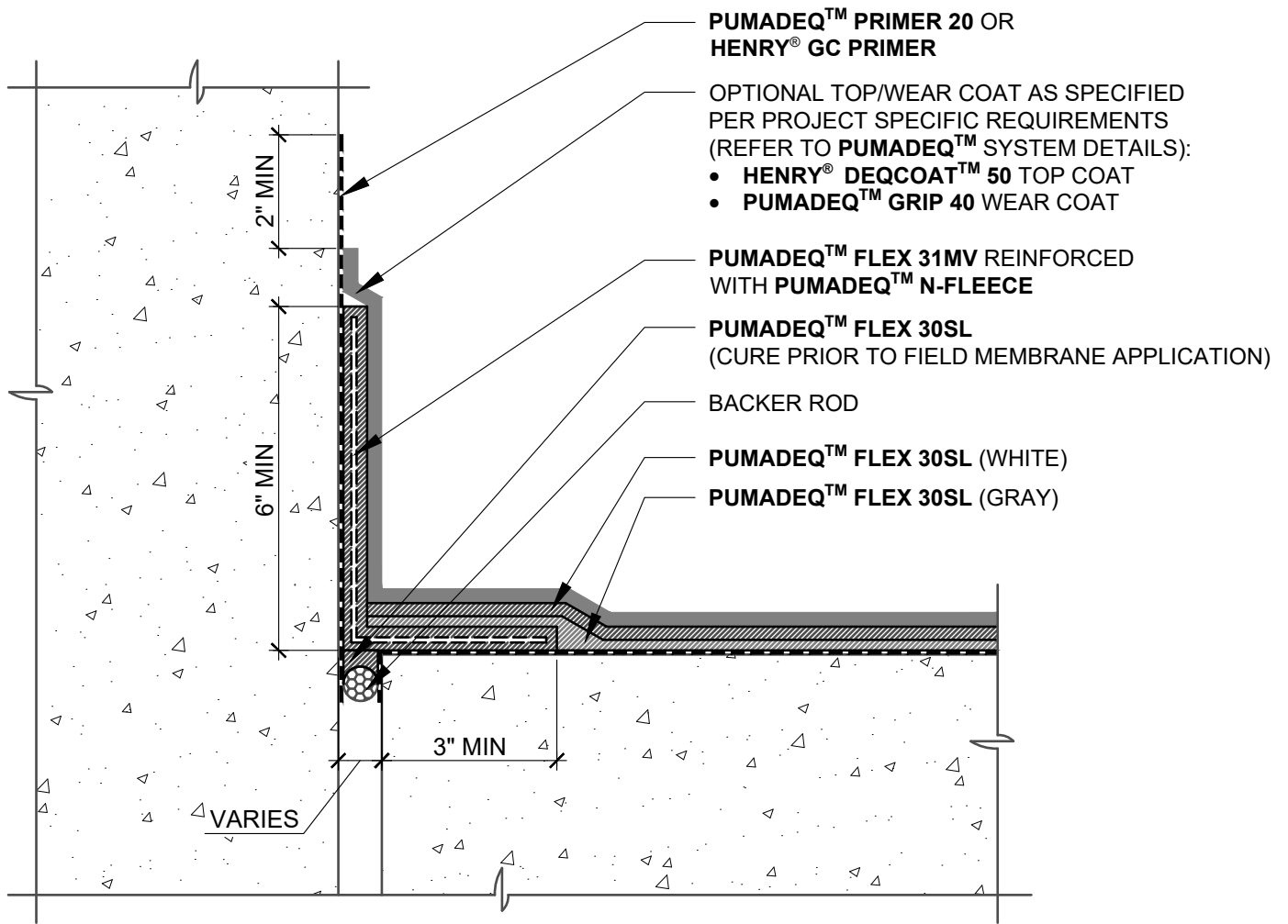
NON-MOVING JOINT

**UNREINFORCED FIELD MEMBRANE
 NON-MOVING JOINT AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-S9



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

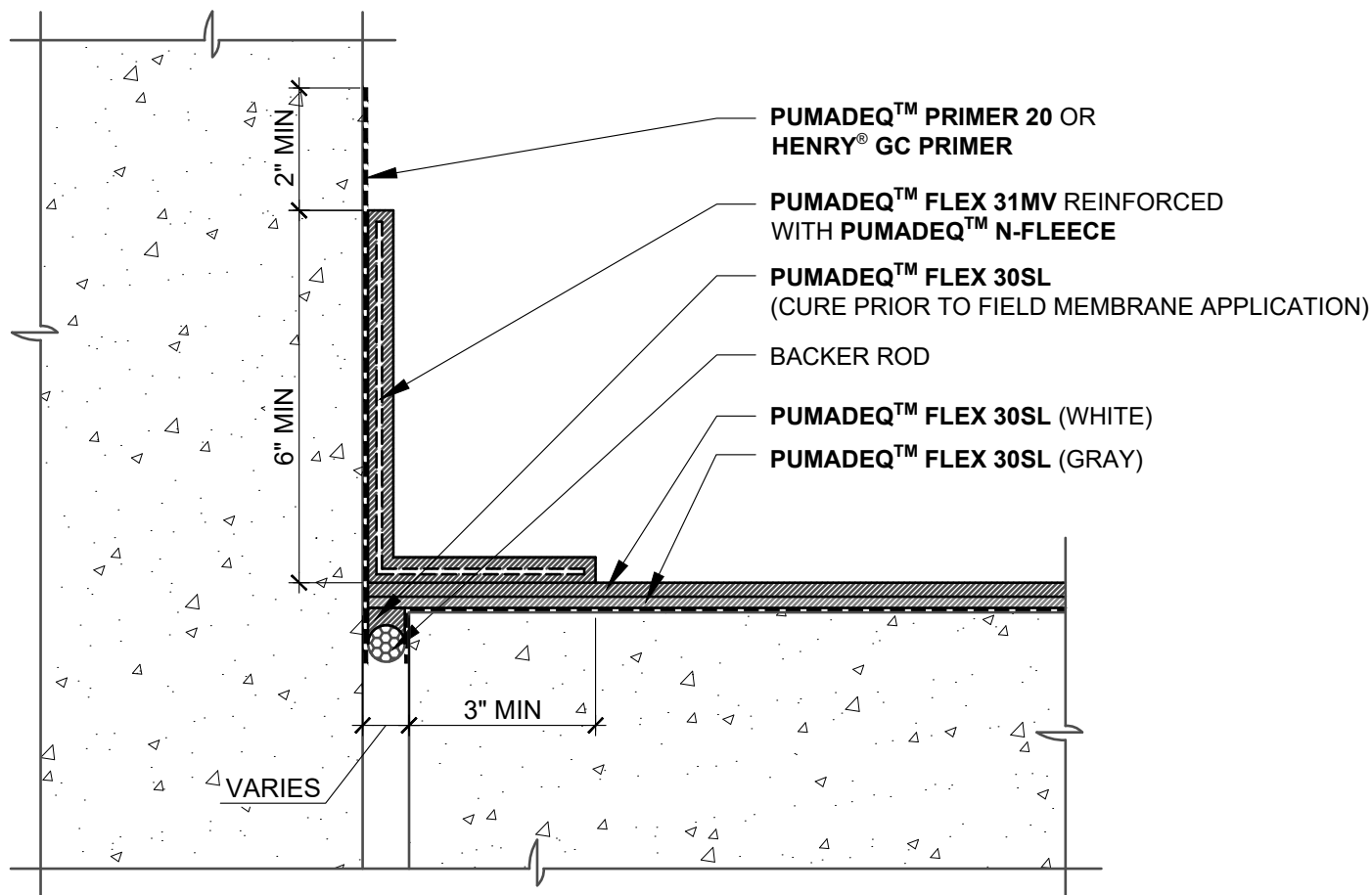
NON-MOVING JOINT

UNREINFORCED FIELD MEMBRANE NON-MOVING JOINT AT UPTURN WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S10



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

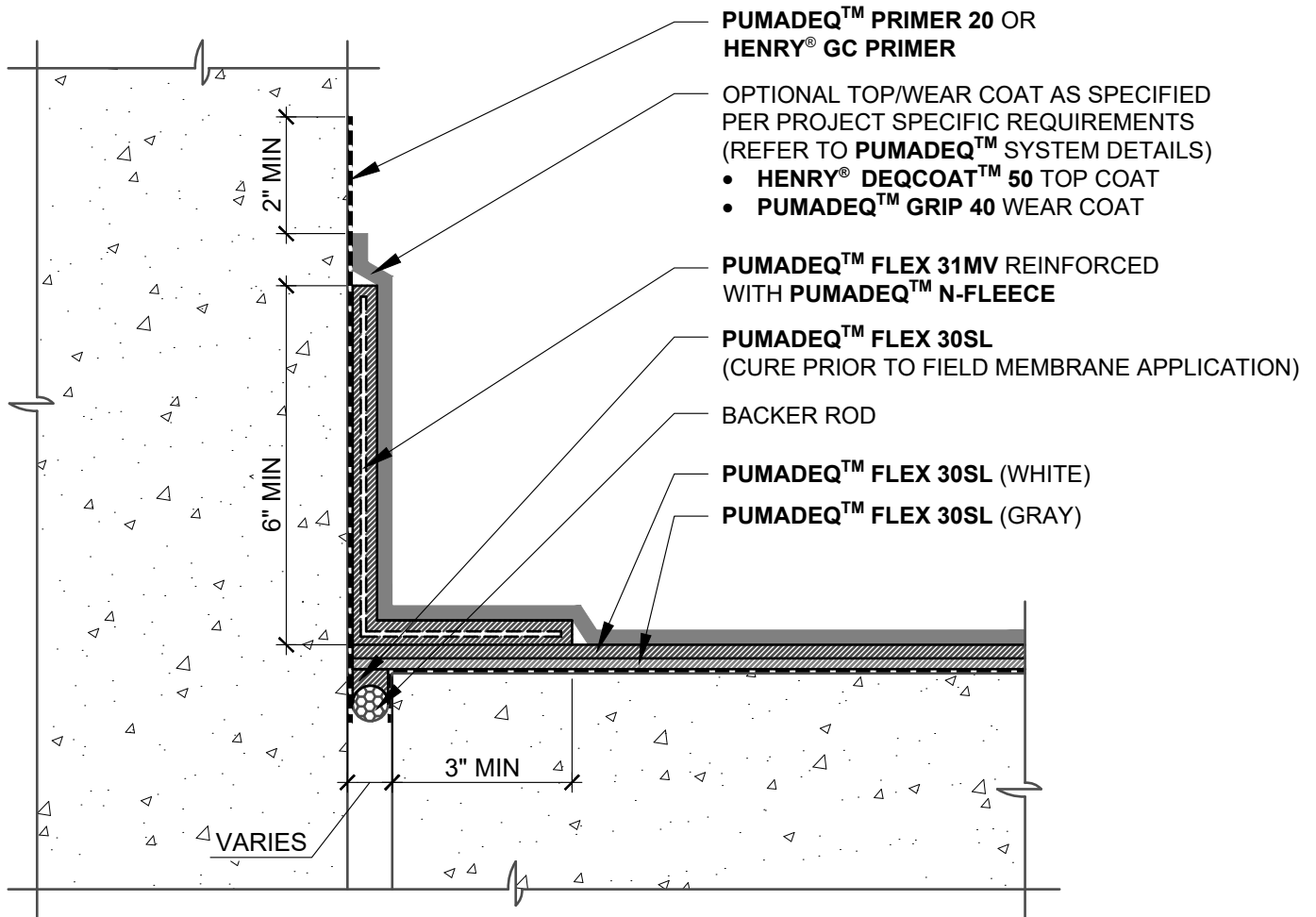
NON-MOVING JOINT

**UNREINFORCED FIELD MEMBRANE
 NON-MOVING JOINT AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-S11



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
7. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
8. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

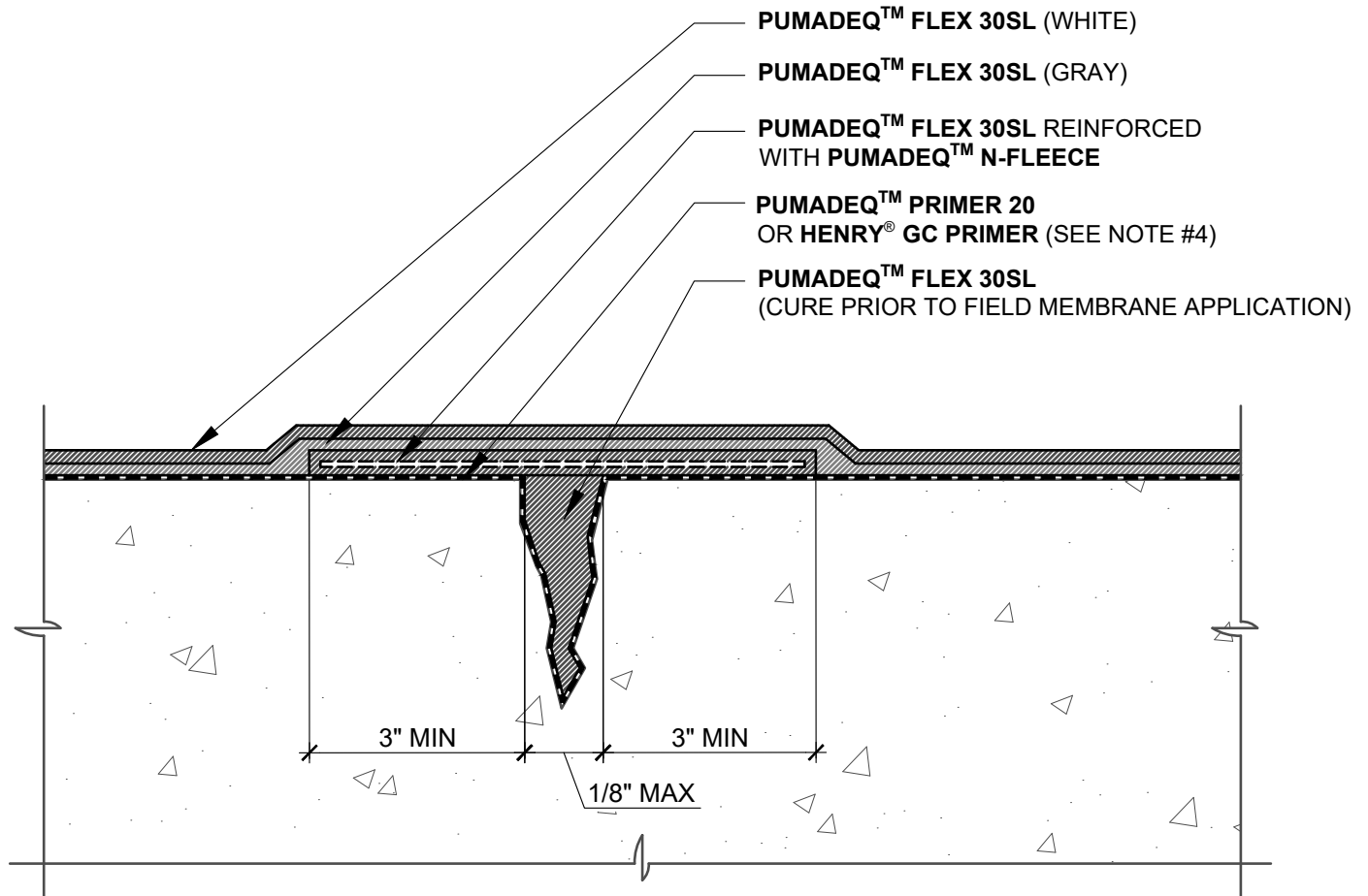
NON-MOVING JOINT

UNREINFORCED FIELD MEMBRANE NON-MOVING JOINT AT UPTURN WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S12



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM CRACK PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

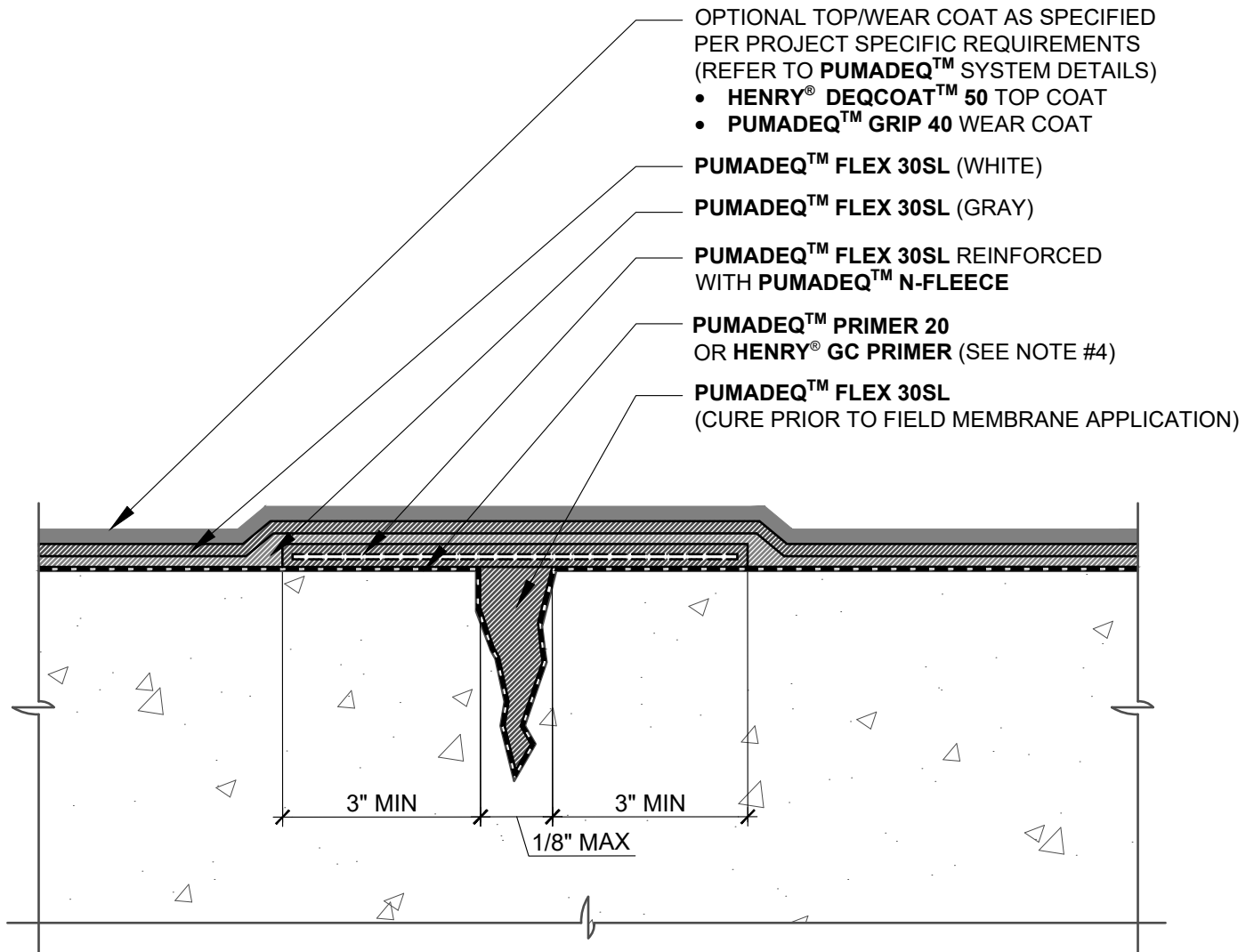
CRACK TREATMENT

**UNREINFORCED FIELD MEMBRANE
 CRACKS UP TO 1/8" WIDE**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC5



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM CRACK PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

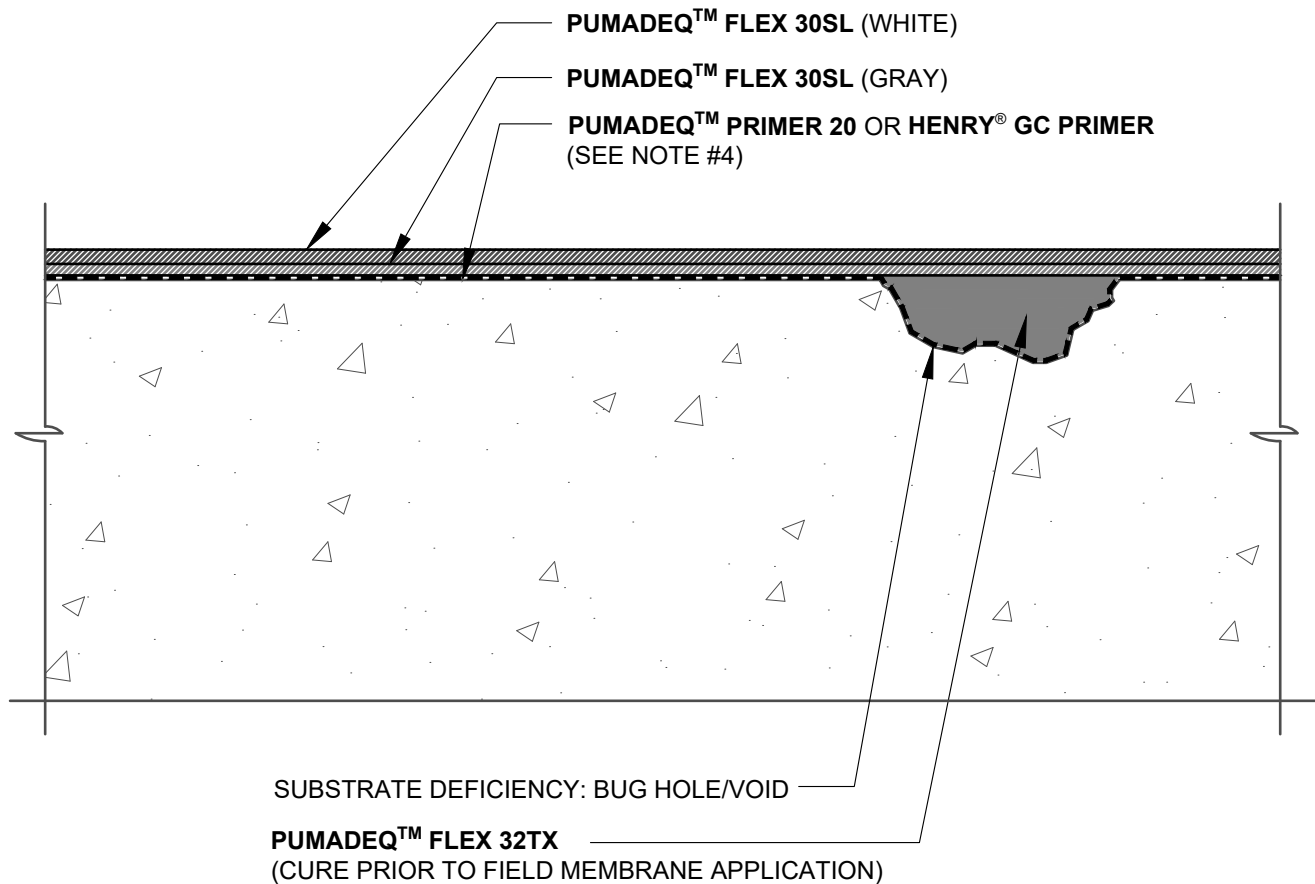
CRACK TREATMENT

**UNREINFORCED FIELD MEMBRANE NON-MOVING
CRACKS UP TO 1/8" WIDE WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC6



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. DO NOT INSTALL PUMADEC™ SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY DEFICIENCIES DO NOT HAVE PERCOLATING MOISTURE. REFER TO PUMADEC™ SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM DEFICIENCY PRIOR TO APPLYING PUMADEC™ FLEX 30SL.
5. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

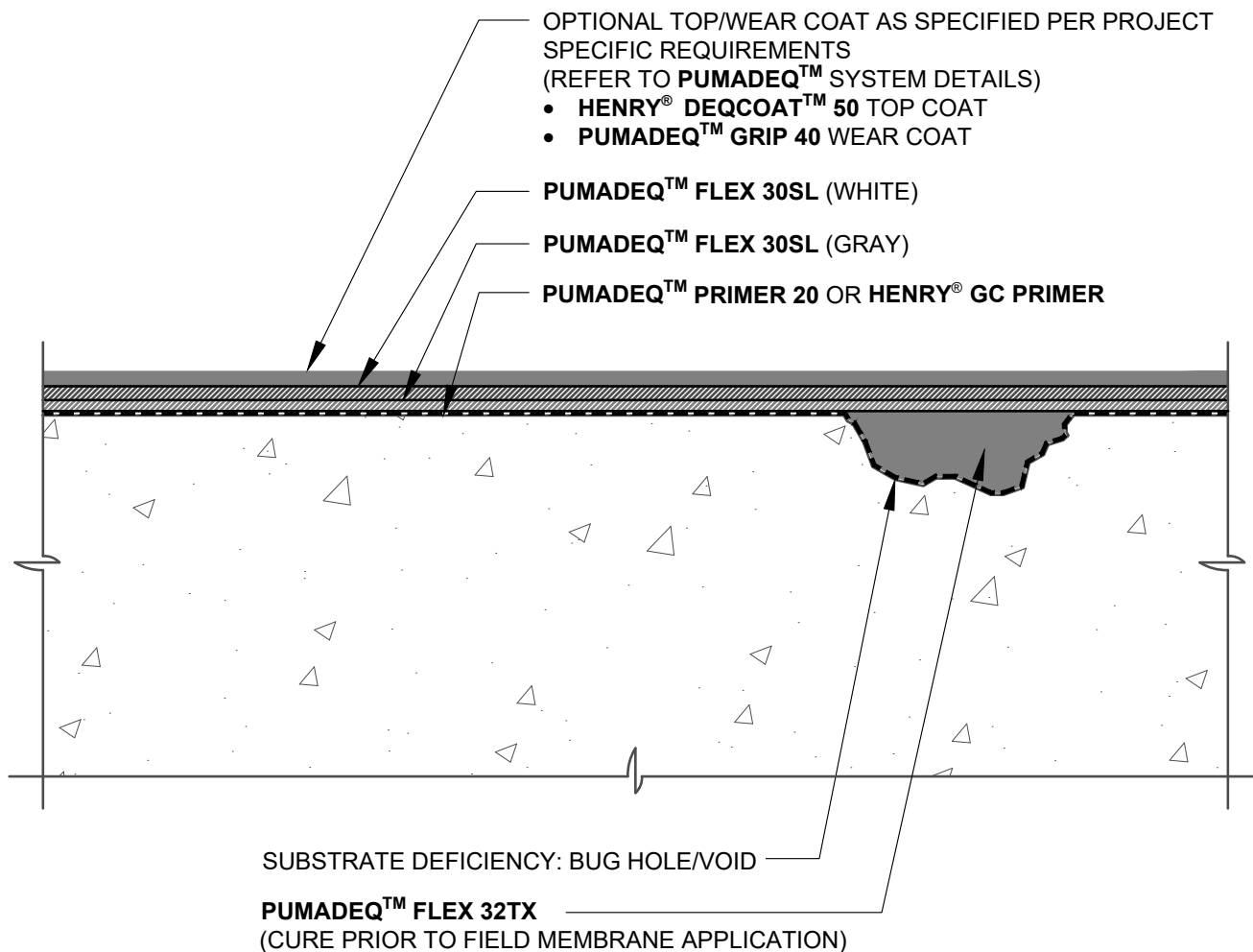
SUBSTRATE DEFICIENCY

**UNREINFORCED FIELD MEMBRANE
SUBSTRATE DEFICIENCIES UP TO 1/2" X 1/2"**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC7



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY DEFICIENCIES DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM DEFICIENCY PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
5. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
6. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

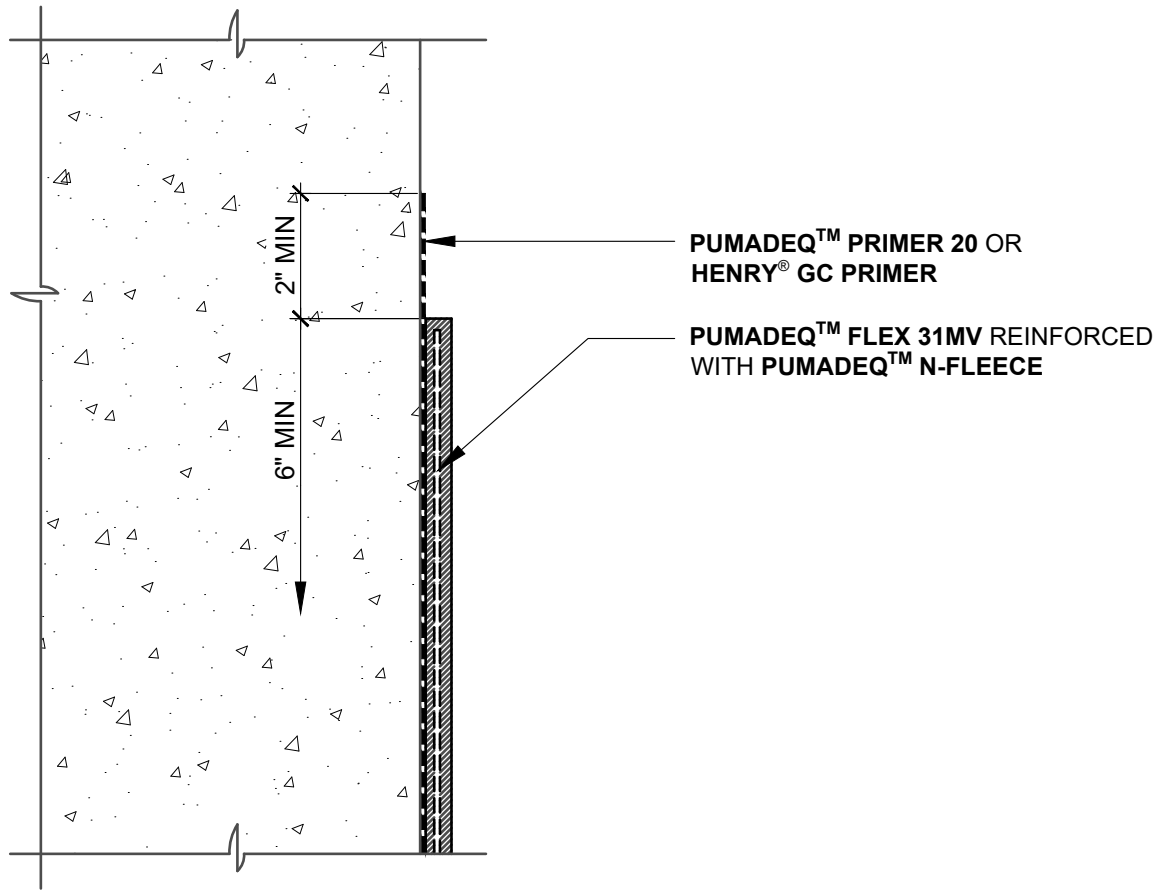
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE DEFICIENCY
UNREINFORCED FIELD MEMBRANE - DEFICIENCIES
UP TO 1/2" X 1/2" WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-SC8



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEC™ SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

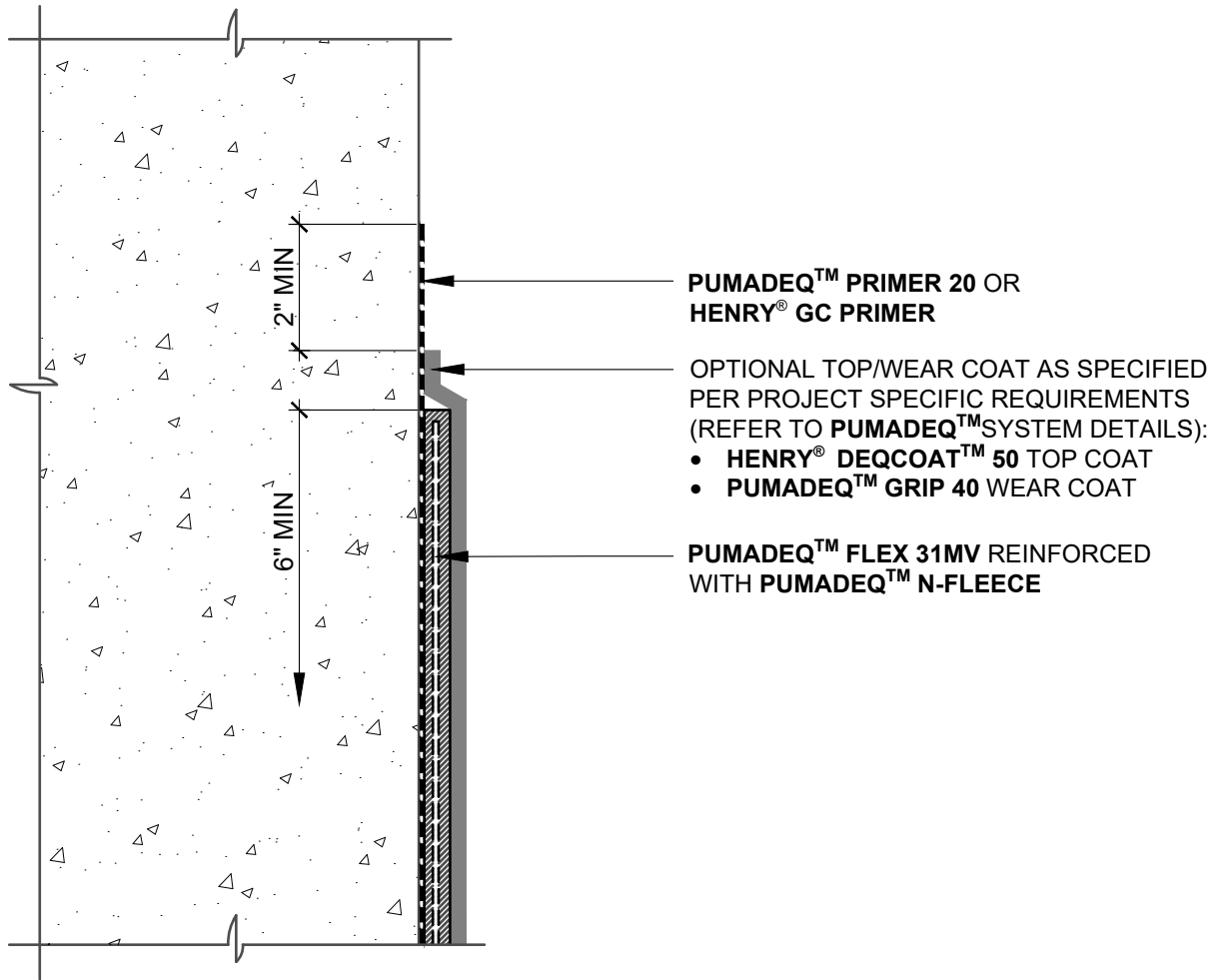
SUBSTRATE TERMINATIONS

**UNREINFORCED FIELD MEMBRANE
TERMINATION ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

04-26-2019

PUMADEC-T1C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE TERMINATIONS

**UNREINFORCED FIELD MEMBRANE TERMINATION
 ON A VERTICAL SUBSTRATE WITH TOP OR WEAR COAT**

SCALE: N.T.S.

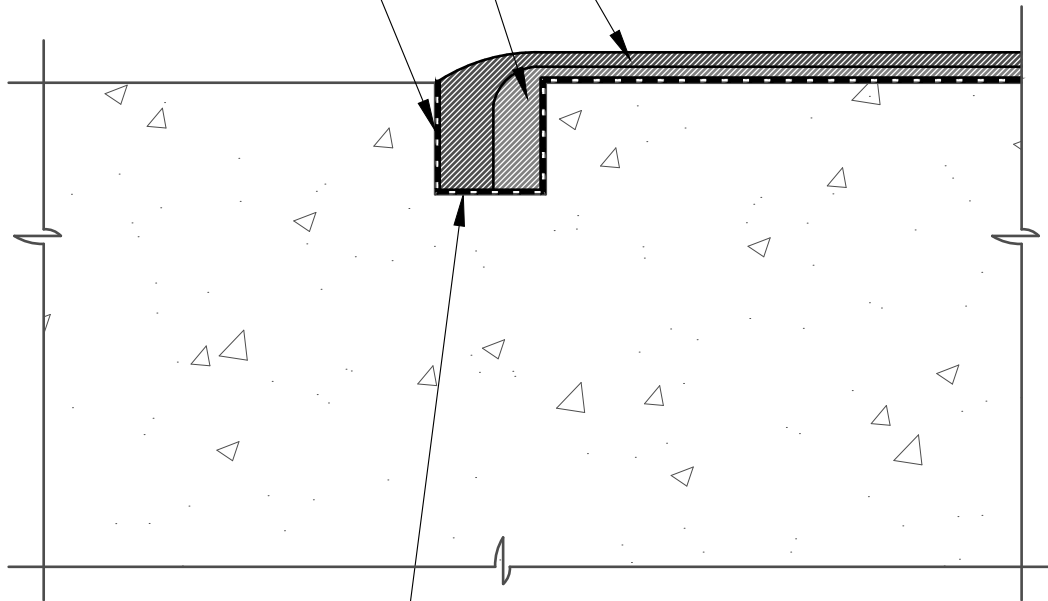
04-26-2019

PUMADEC-T1D

PUMADEQ™ FLEX 30SL (WHITE)

PUMADEQ™ FLEX 30SL (GRAY)

PUMADEQ™ PRIMER 20 OR
HENRY® GC PRIMER



CUT 1/2" X 1/2" MINIMUM REGLET
INTO DECK TO FUNCTION AS
WATERSTOP WHERE
WATERPROOFING ENDS

NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEQ™ SYSTEM DETAILS.
3. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
4. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE TERMINATIONS

**UNREINFORCED FIELD MEMBRANE
TERMINATION ON HORIZONTAL SUBSTRATES**

SCALE: N.T.S.

04-26-2019

PUMADEQ-T2C

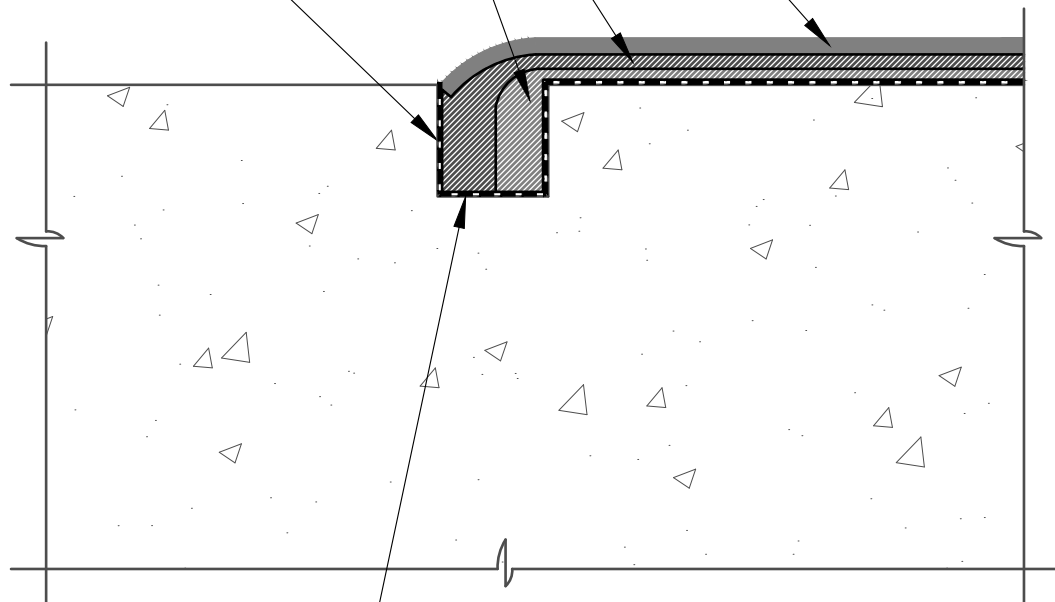
OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (REFER TO **PUMADEQ™** SYSTEM DETAILS)

- HENRY® **DEQCOAT™ 50** TOP COAT
- **PUMADEQ™ GRIP 40** WEAR COAT

PUMADEQ™ FLEX 30SL (WHITE)

PUMADEQ™ FLEX 30SL (GRAY)

PUMADEQ™ PRIMER 20
OR HENRY® **GC PRIMER**



CUT 1/2" X 1/2" MINIMUM REGLET CUT INTO DECK TO FUNCTION AS WATERSTOP WHERE WATERPROOFING ENDS

NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
4. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE TERMINATIONS
UNREINFORCED FIELD MEMBRANE WITH TOP OR WEAR COAT - TERMINATION ON HORIZONTAL SUBSTRATES

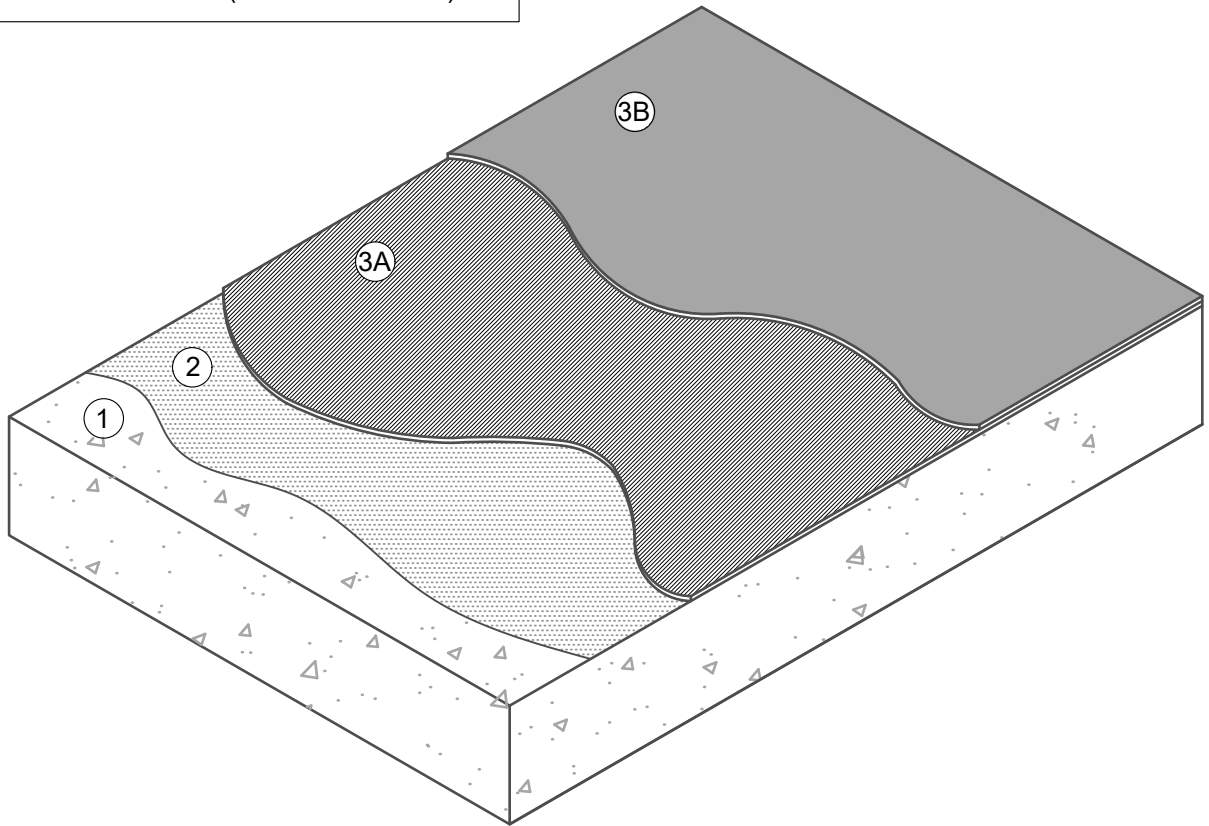
SCALE: N.T.S.

04-26-2019

PUMADEQ-T2D

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH AN UNREINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ③ UNREINFORCED PUMA FIELD MEMBRANE:
3A - PUMADEQ™ FLEX 30SL (GRAY - 50 MILS)
3B - PUMADEQ™ FLEX 30SL (WHITE - 30 MILS)



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED PUMADEQ™ SYSTEM DETAILS.
3. REFER TO DETAILS PUMADEQ-WF, PUMADEQ-WG, OR PUMADEQ-WH FOR LONG-TERM COLOR STABILITY, HEAVY CONSTRUCTION TRAFFIC OR ASSEMBLIES WHERE OVERBURDEN BONDS DIRECTLY TO PUMADEQ™ SYSTEM .
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL
UNREINFORCED FIELD MEMBRANE
SURFACE PROFILES CSP 3-4

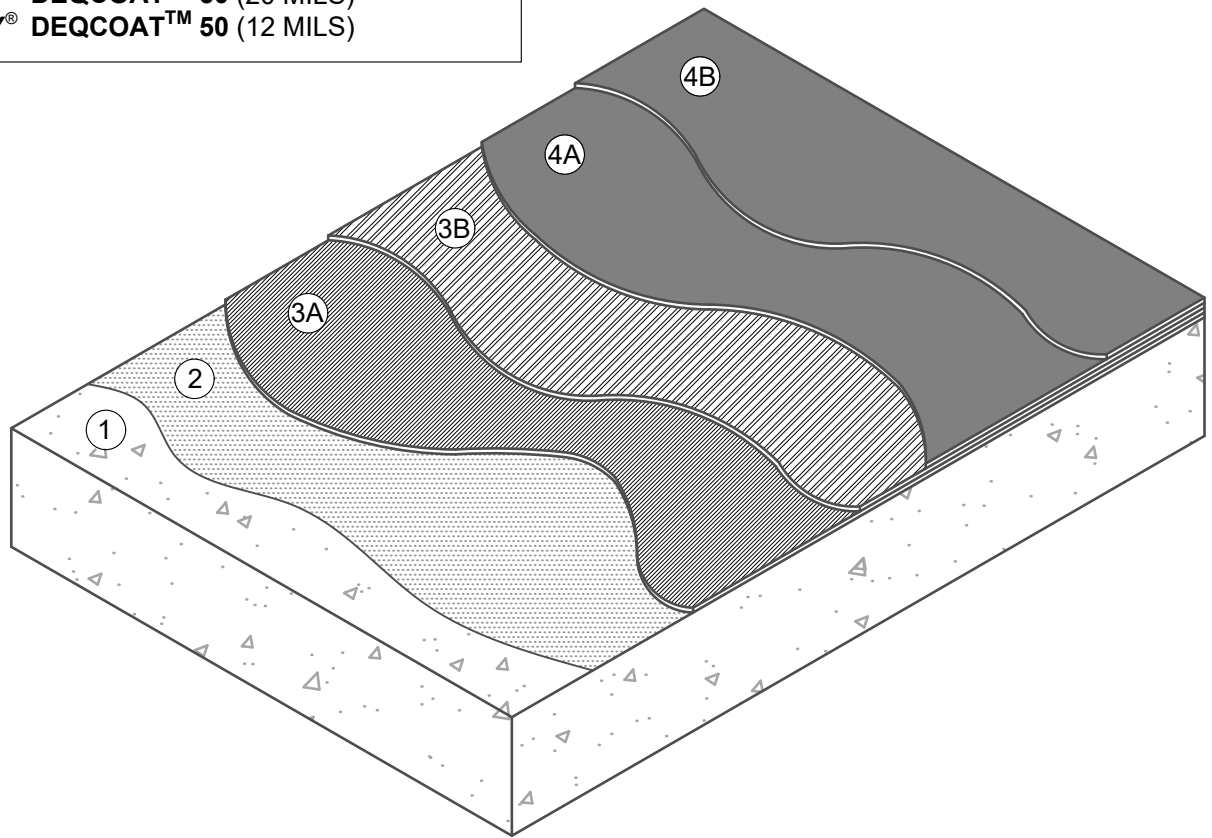
SCALE: N.T.S.

04-26-2019

PUMADEQ-WE

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH AN UNREINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② **PUMADEQ™ PRIMER 20** OR **HENRY® GC PRIMER**
- ③ UNREINFORCED PUMA FIELD MEMBRANE:
3A - **PUMADEQ™ FLEX 30SL** (GRAY - 50 MILS)
3B - **PUMADEQ™ FLEX 30SL** (WHITE - 30 MILS)
- ④ COLOR STABLE TOP COAT:
4A - **HENRY® DEQCOAT™ 50** (20 MILS)
4B - **HENRY® DEQCOAT™ 50** (12 MILS)



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL

**UNREINFORCED FIELD MEMBRANE
SURFACE PROFILES CSP3-4 WITH TOP COAT**

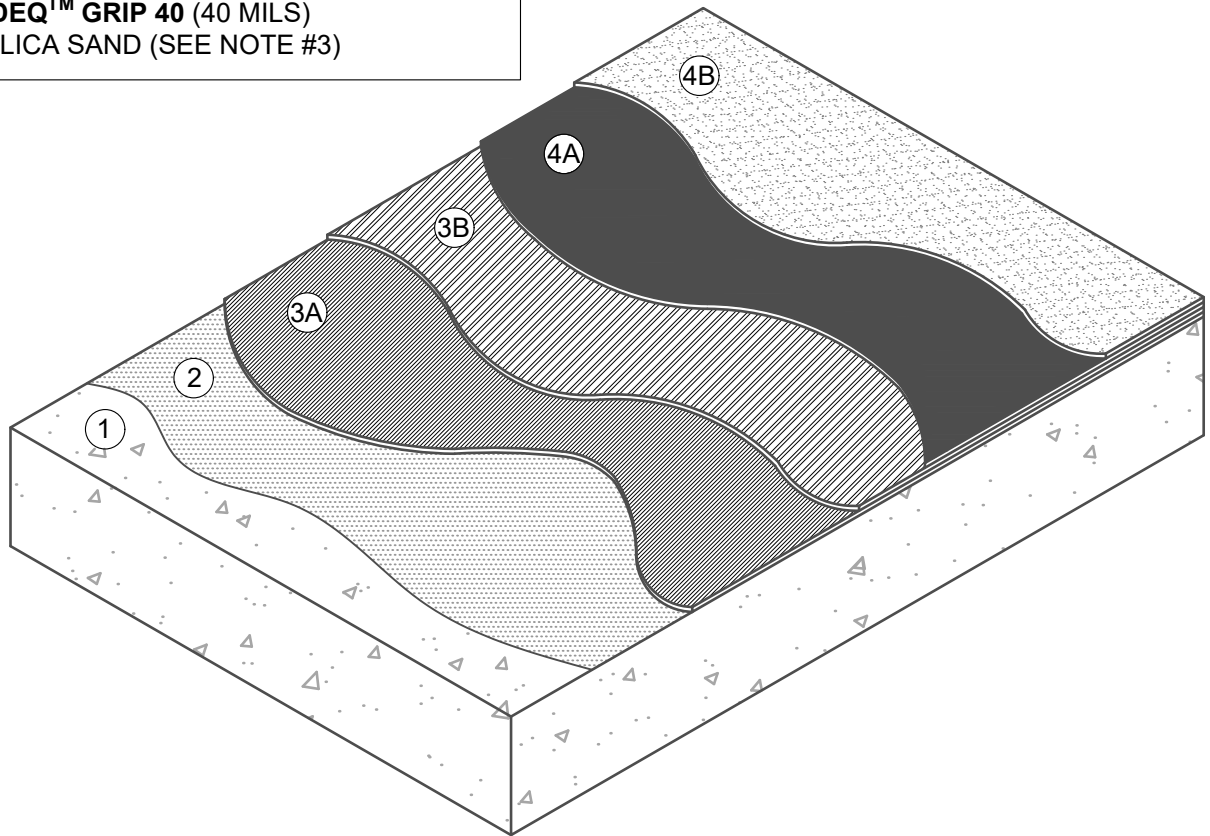
SCALE: N.T.S.

04-26-2019

PUMADEQ-WF

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH AN UNREINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② **PUMADEQ™ PRIMER 20** OR **HENRY® GC PRIMER**
- ③ UNREINFORCED PUMA FIELD MEMBRANE:
3A - **PUMADEQ™ FLEX 30SL** (GRAY - 50 MILS)
3B - **PUMADEQ™ FLEX 30SL** (WHITE - 30 MILS)
- ④ WEAR COAT:
4A - **PUMADEQ™ GRIP 40** (40 MILS)
4B - DRY SILICA SAND (SEE NOTE #3)



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEQ™ GRIP 40**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL

**UNREINFORCED FIELD MEMBRANE
SURFACE PROFILES CSP3-4 WITH WEAR COAT**

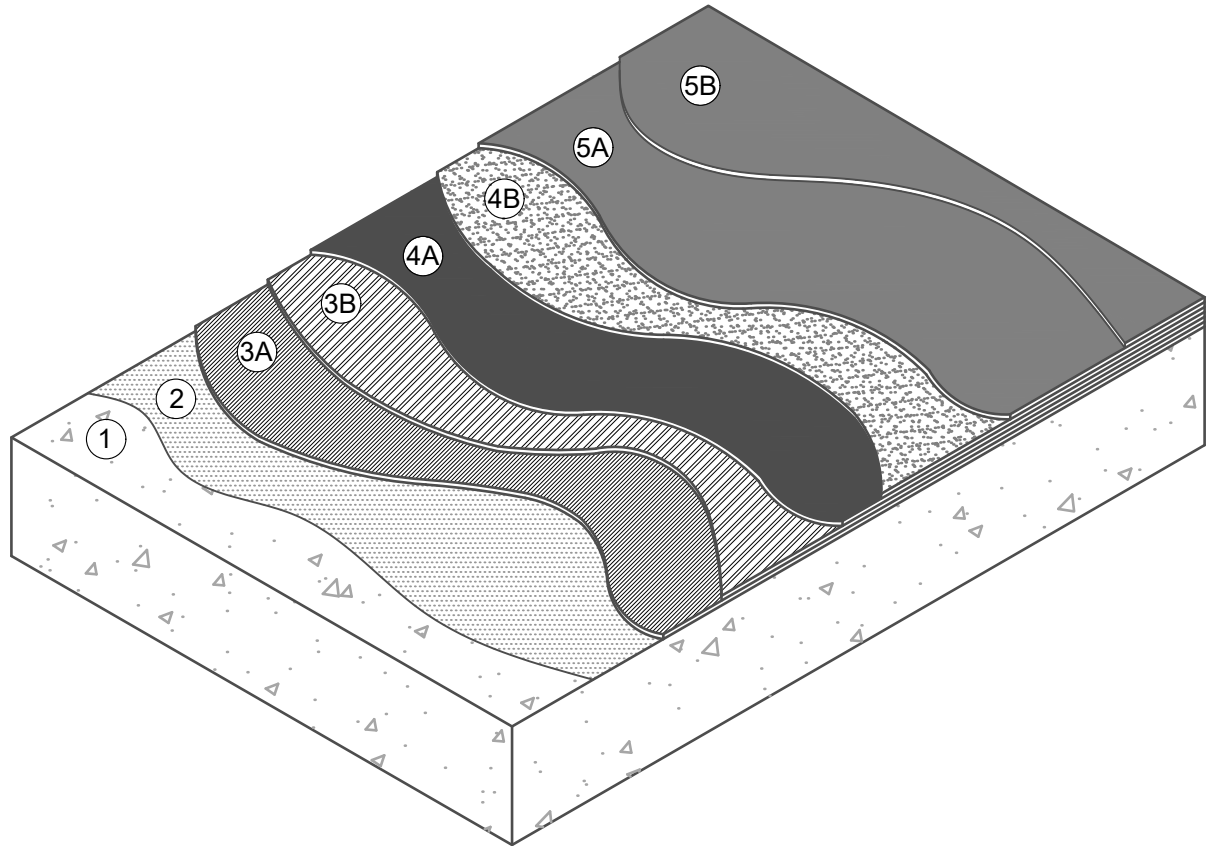
SCALE: N.T.S.

04-26-2019

PUMADEQ-WG

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH AN UNREINFORCED FIELD MEMBRANE - SEQUENCE OF INSTALLATION**

- | | |
|--|---|
| <p>① DECK/SUBSTRATE AS SPECIFIED</p> <p>② PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER</p> <p>③ UNREINFORCED PUMA FIELD MEMBRANE:
 3A - PUMADEQ™ FLEX 30SL (GRAY - 50 MILS)
 3B - PUMADEQ™ FLEX 30SL (WHITE - 30 MILS)</p> | <p>④ WEAR COAT:
 4A - PUMADEQ™ GRIP 40 (40 MILS)
 4B - DRY SILICA SAND (SEE NOTE #3)</p> <p>⑤ COLOR STABLE TOP COAT:
 5A - HENRY® DEQCOAT™ 50 (20 MILS)
 5B - HENRY® DEQCOAT™ 50 (12 MILS)</p> |
|--|---|



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEQ™** SYSTEM DETAILS.
3. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEQ™ GRIP 40**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
5. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

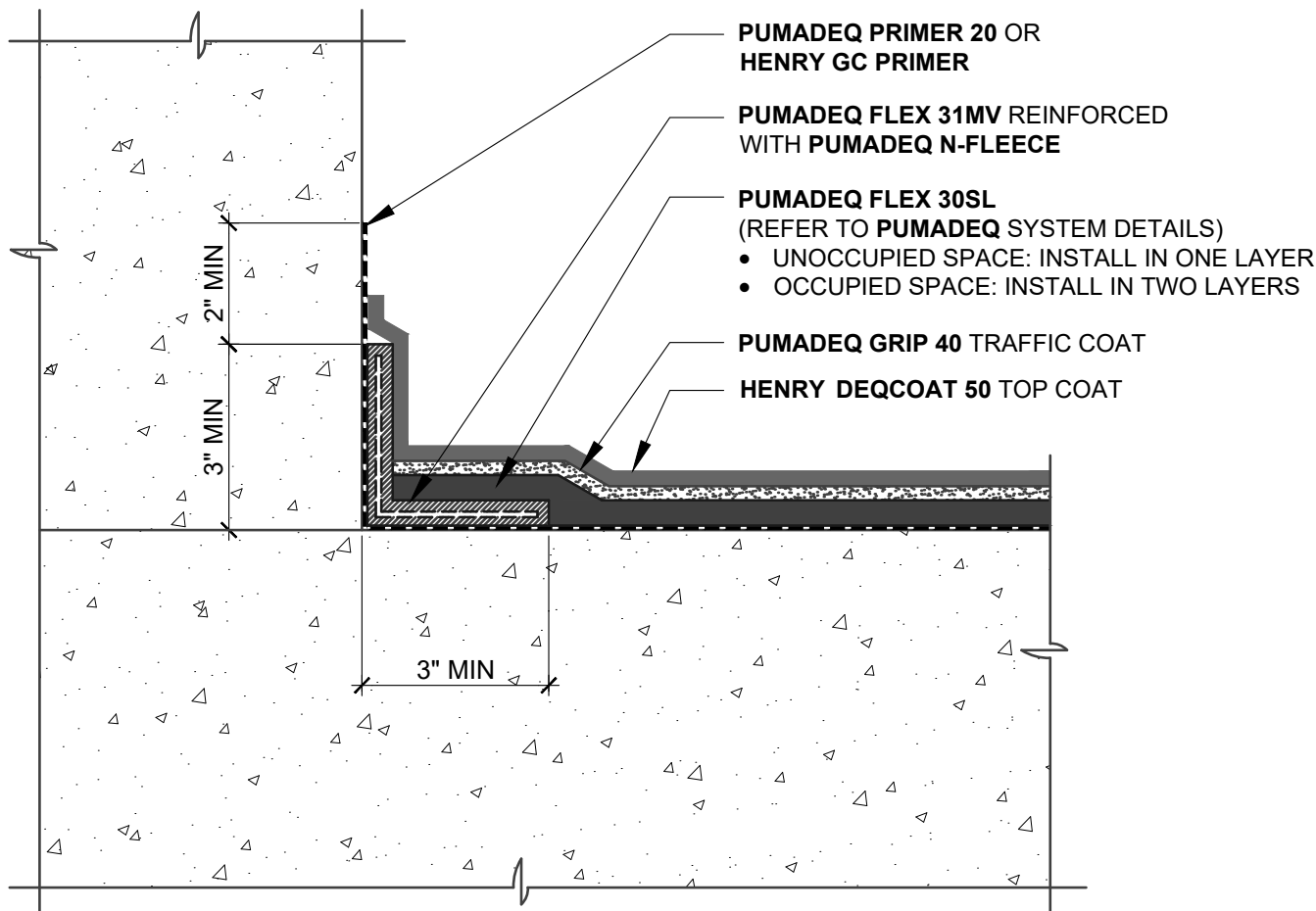
SYSTEM DETAIL

**UNREINFORCED FIELD MEMBRANE SURFACE
 PROFILES CSP3-4 WITH WEAR AND TOP COATS**

SCALE: N.T.S.

04-26-2019

PUMADEQ-WH



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES.
4. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC** RESIN
6. FULLY BROADCAST AGGREGATE, TO REJECTION, INTO WET **PUMADEC GRIP 40**. REFER TO REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR TYPICAL AGGREGATE SPECIFICATIONS.
7. APPLICATION RATES OVER OCCUPIED SPACES VS. UNOCCUPIED SPACES MAY VARY. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION AND **PUMADEC** SYSTEM DETAILS FOR RECOMMENDED INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

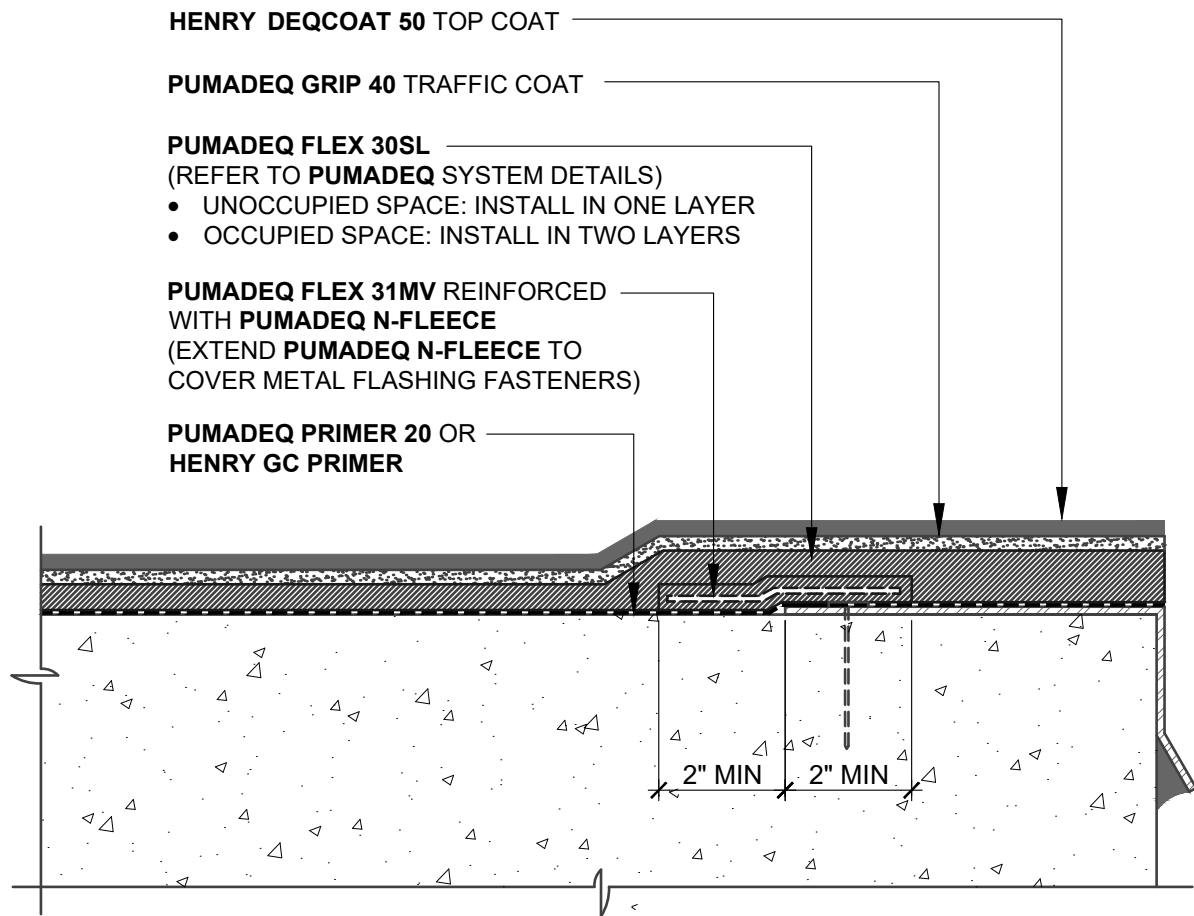
MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN/VEHICULAR TRAFFIC COATING

CURB FLASHING
UNREINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB

SCALE: N.T.S. 04-26-2019

PUMADEC-C6A



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM PEDESTRIAN TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEC GRIP 40**.
4. MECHANICALLY ATTACH METAL FLASHING PER METAL FLASHING MANUFACTURER REQUIREMENTS. EXTEND **PUMADEC N-FLEECE** TO COVER FASTENERS.
5. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
6. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

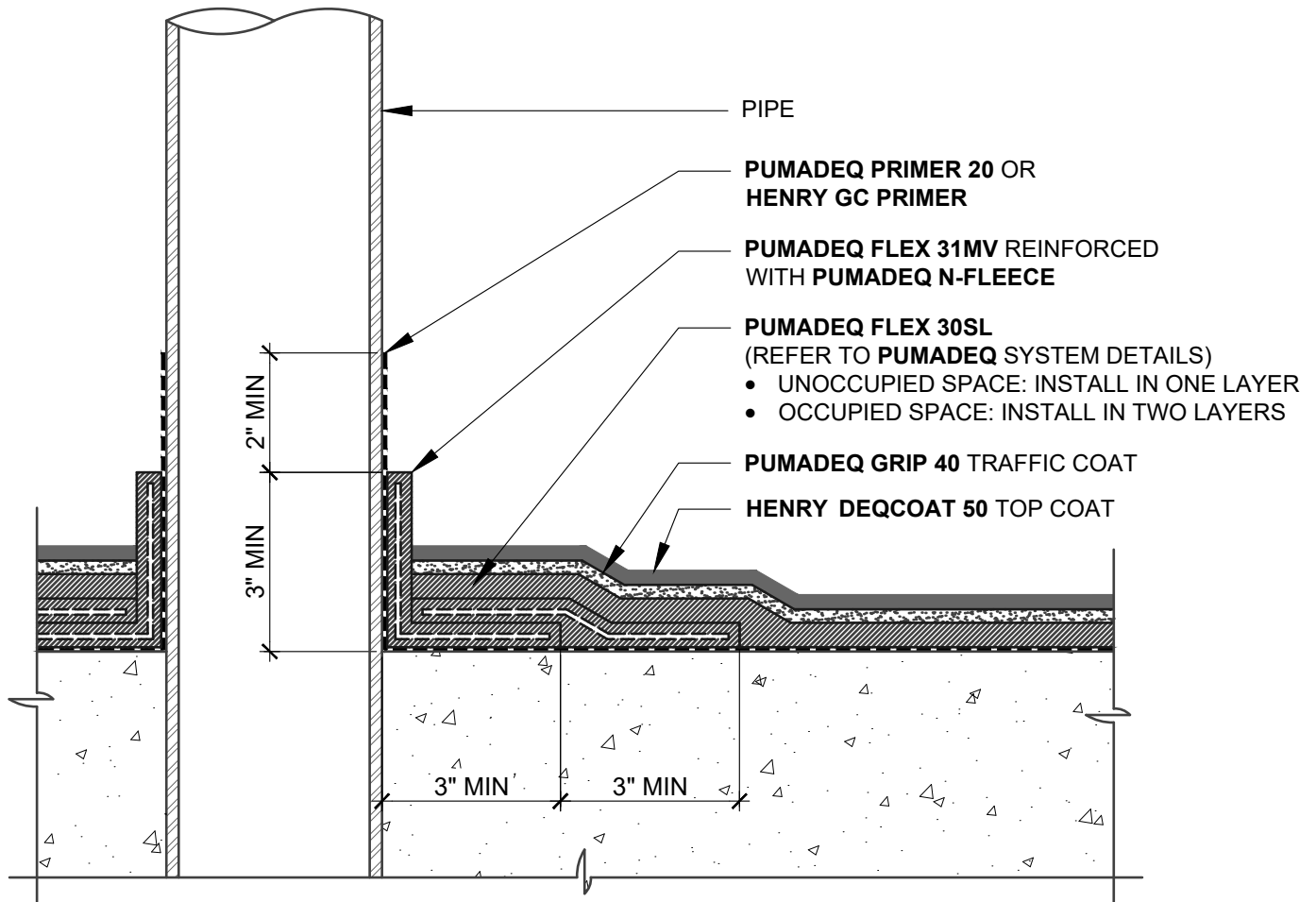
PUMADEC SYSTEM - PEDESTRIAN TRAFFIC COATING

**BALCONY EDGE
 UNREINFORCED FIELD MEMBRANE
 DOWNTURN WITH METAL FLASHING**

SCALE: N.T.S.

12-12-2019

PUMADEC-D3H



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES.
4. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC** RESIN
6. FULLY BROADCAST AGGREGATE, TO REJECTION, INTO WET **PUMADEC GRIP 40**. REFER TO REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR TYPICAL AGGREGATE SPECIFICATIONS.
7. APPLICATION RATES OVER OCCUPIED SPACES VS. UNOCCUPIED SPACES MAY VARY. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION AND **PUMADEC** SYSTEM DETAILS FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN/VEHICULAR TRAFFIC COATING

PIPE PENETRATION

**UNREINFORCED FIELD MEMBRANE
 HORIZONTAL SUBSTRATES**

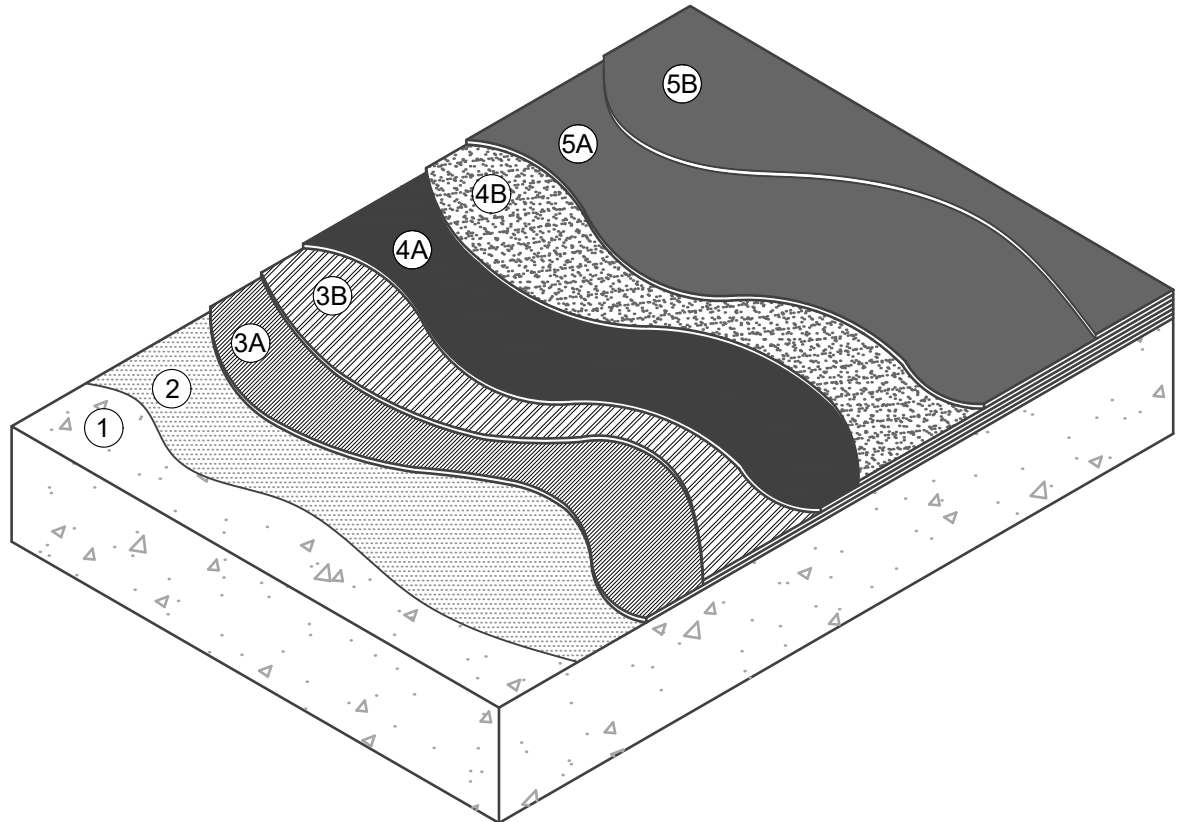
SCALE: N.T.S.

04-26-2019

PUMADEC-P1L

**PUMADEC SYSTEM PEDESTRIAN TRAFFIC COATING UNREINFORCED FIELD MEMBRANE
OVER OCCUPIED SPACES - SEQUENCE OF INSTALLATION**

- | | |
|---|--|
| <p>① DECK/SUBSTRATE AS SPECIFIED</p> <p>② PUMADEC PRIMER 20 OR HENRY GC PRIMER</p> <p>③ UNREINFORCED PUMA FIELD MEMBRANE (SEE NOTE #4):
OCCUPIED SPACES</p> <ul style="list-style-type: none"> • 3A - PUMADEC FLEX 30SL (50 MILS) • 3B - PUMADEC FLEX 30SL (30 MILS) | <p>④ WEAR COAT:
4A - PUMADEC GRIP 40</p> <ul style="list-style-type: none"> • HEAVY FOOT TRAFFIC = 53 MILS • LIGHT FOOT TRAFFIC = 32 MILS <p>4B - DRY SILICA SAND (SEE NOTE #2)</p> <p>⑤ COLOR STABLE TOP COAT:
5A - HENRY DEQCOAT 50 (20 MILS)
5B - HENRY DEQCOAT 50 (12 MILS)</p> |
|---|--|



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM PEDESTRIAN TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEC GRIP 40**.
4. CONCRETE SURFACE PROFILES = CSP5 REQUIRE AN 80 MIL REINFORCED FIELD MEMBRANE TO ENSURE FULL SATURATION OF FLEECE REINFORCEMENT. REFER TO DETAIL PUMADEC-PC.
5. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
6. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN TRAFFIC COATING

SYSTEM DETAIL

UNREINFORCED FIELD MEMBRANE OVER OCCUPIED SPACES - SURFACE PROFILES CSP3-4

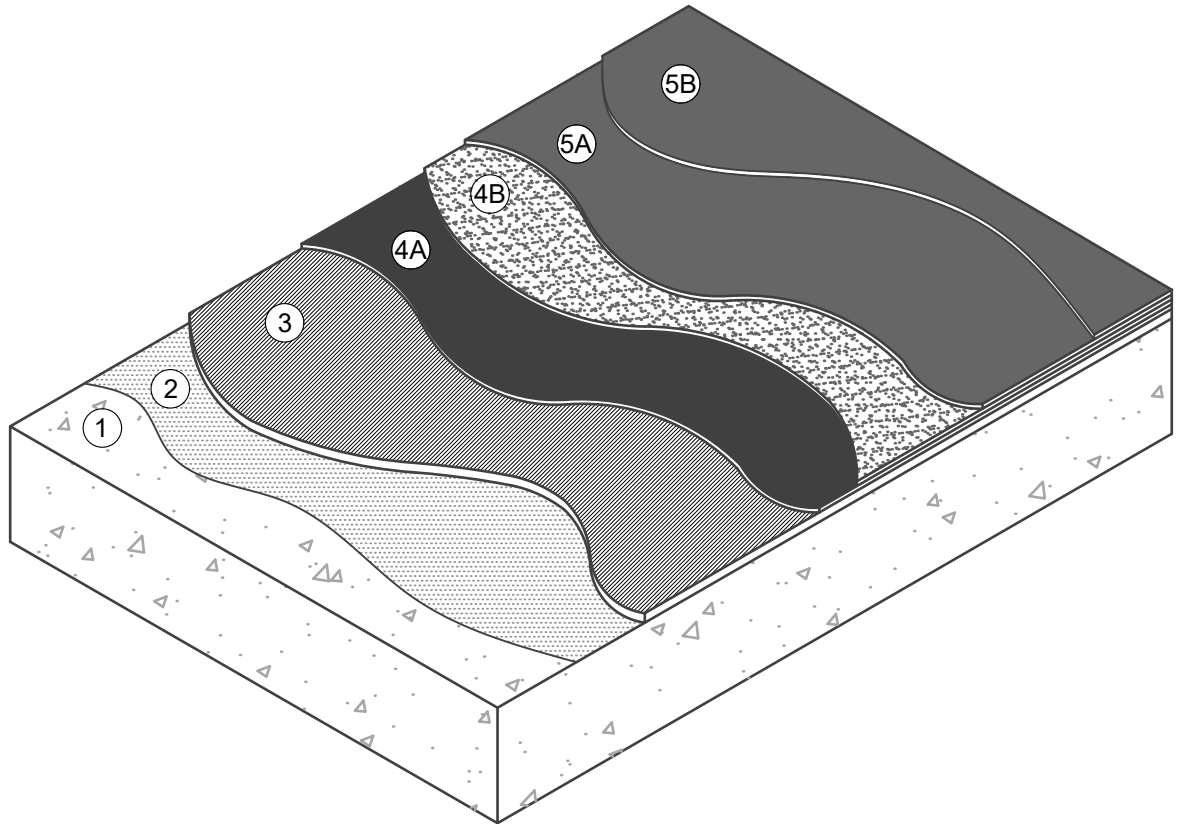
SCALE: N.T.S.

04-26-2019

PUMADEC-PA

**PUMADEC SYSTEM PEDESTRIAN TRAFFIC COATING UNREINFORCED FIELD MEMBRANE
OVER UNOCCUPIED SPACES - SEQUENCE OF INSTALLATION**

- | | |
|--|--|
| <p>① DECK/SUBSTRATE AS SPECIFIED</p> <p>② PUMADEC PRIMER 20 OR HENRY GC PRIMER</p> <p>③ UNREINFORCED PUMA FIELD MEMBRANE (SEE NOTE #4):
PUMADEC FLEX 30SL (40 MILS)</p> | <p>④ WEAR COAT:
4A - PUMADEC GRIP 40</p> <ul style="list-style-type: none"> • HEAVY FOOT TRAFFIC = 53 MILS • LIGHT FOOT TRAFFIC = 32 MILS <p>4B - DRY SILICA SAND (SEE NOTE #2)</p> <p>⑤ COLOR STABLE TOP COAT:
5A - HENRY DEQCOAT 50 (20 MILS)
5B - HENRY DEQCOAT 50 (12 MILS)</p> |
|--|--|



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM PEDESTRIAN TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEC GRIP 40**.
4. CONCRETE SURFACE PROFILES = CSP5 REQUIRE AN 80 MIL REINFORCED FIELD MEMBRANE TO ENSURE FULL SATURATION OF FLEECE REINFORCEMENT. REFER TO DETAIL PUMADEC-PC.
5. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
6. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN TRAFFIC COATING

SYSTEM DETAIL

UNREINFORCED FIELD MEMBRANE OVER UNOCCUPIED SPACES - SURFACE PROFILES CSP3-4

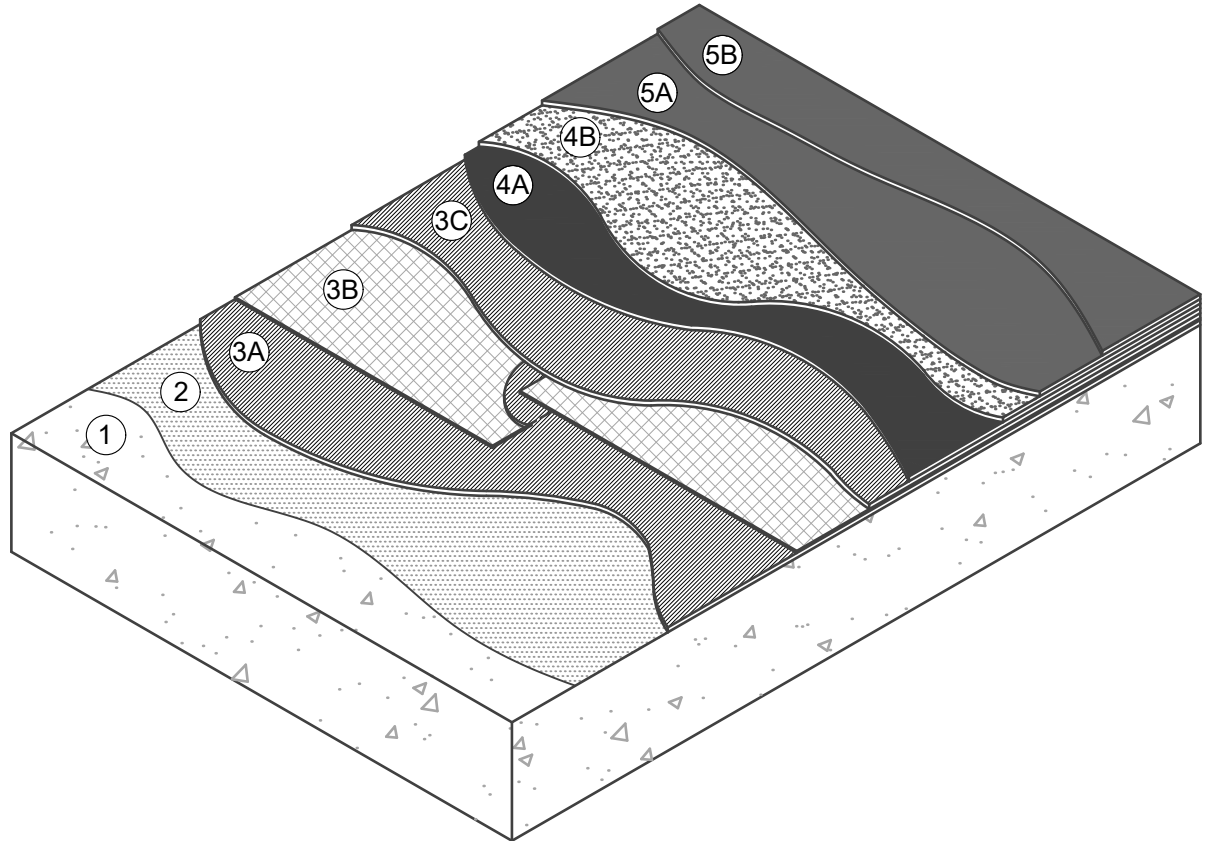
SCALE: N.T.S.

04-26-2019

PUMADEC-PB

**PUMADEC SYSTEM PEDESTRIAN TRAFFIC COATING REINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- | | |
|--|--|
| <p>① DECK/SUBSTRATE AS SPECIFIED</p> <p>② PUMADEC PRIMER 20 OR HENRY GC PRIMER</p> <p>③ REINFORCED PUMA FIELD MEMBRANE (SEE NOTE #3):
 3A - PUMADEC FLEX 30SL (50 MILS)
 3B - PUMADEC N-FLEECE REINFORCEMENT
 3C - PUMADEC FLEX 30SL (30 MILS)</p> | <p>④ WEAR COAT:
 4A - PUMADEC GRIP 40
 • HEAVY FOOT TRAFFIC = 53 MILS
 • LIGHT FOOT TRAFFIC = 32 MILS
 4B - DRY SILICA SAND (SEE NOTE #2)</p> <p>⑤ COLOR STABLE TOP COAT:
 5A - HENRY DEQCOAT 50 (20 MILS)
 5B - HENRY DEQCOAT 50 (12 MILS)</p> |
|--|--|



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM PEDESTRIAN TRAFFIC COATING WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEC GRIP 40**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
5. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

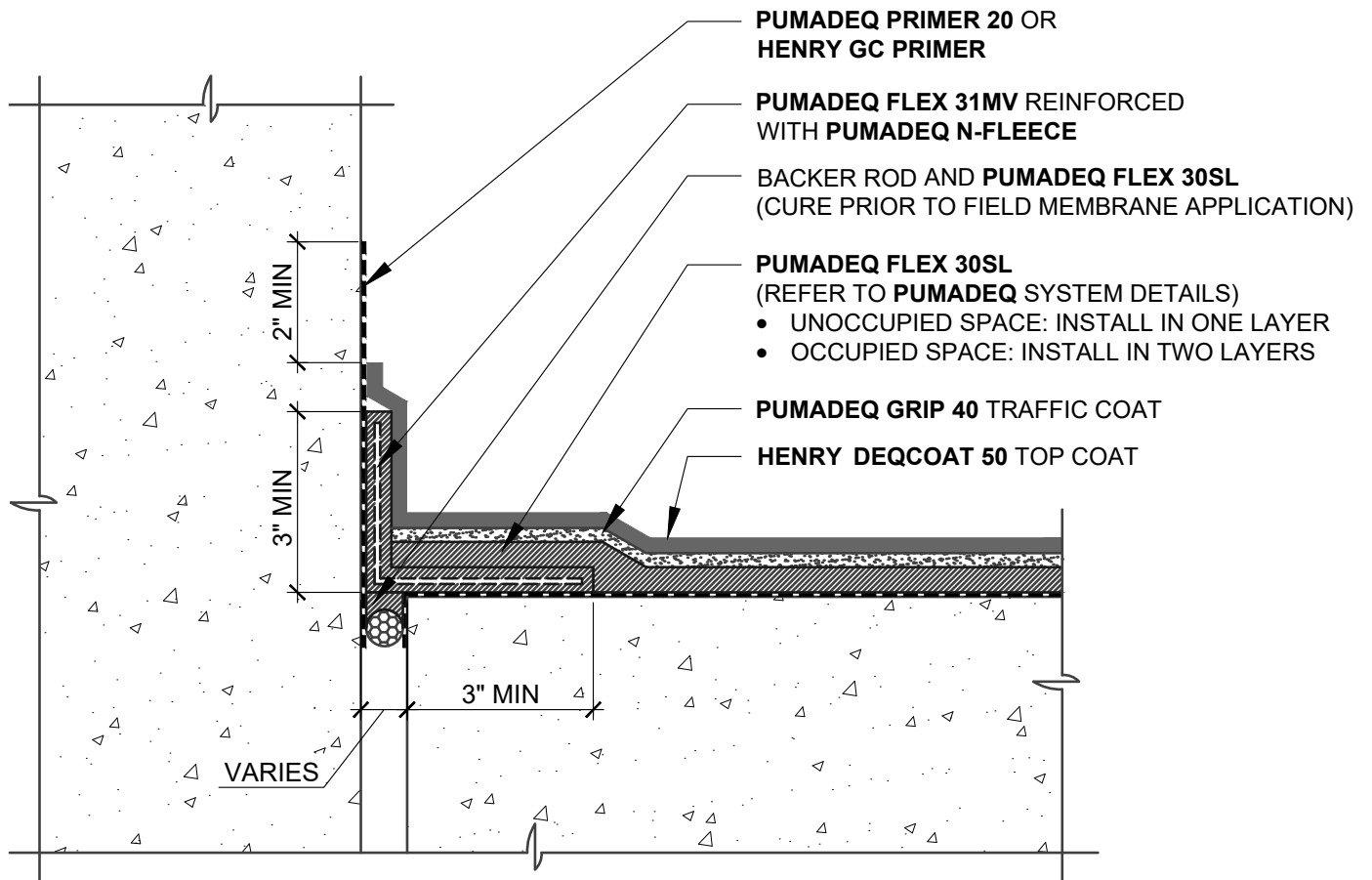
PUMADEC SYSTEM - PEDESTRIAN TRAFFIC COATING

SYSTEM DETAIL
REINFORCED FIELD MEMBRANE
SURFACE PROFILES CSP3 - CSP5

SCALE: N.T.S.

04-26-2019

PUMADEC-PC



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC FLEX 30SL**.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES.
5. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
6. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC** RESIN
7. FULLY BROADCAST AGGREGATE, TO REJECTION, INTO WET **PUMADEC GRIP 40**. REFER TO REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR TYPICAL AGGREGATE SPECIFICATIONS.
8. APPLICATION RATES OVER OCCUPIED SPACES VS. UNOCCUPIED SPACES MAY VARY. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION AND **PUMADEC** SYSTEM DETAILS FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN/VEHICULAR TRAFFIC COATING

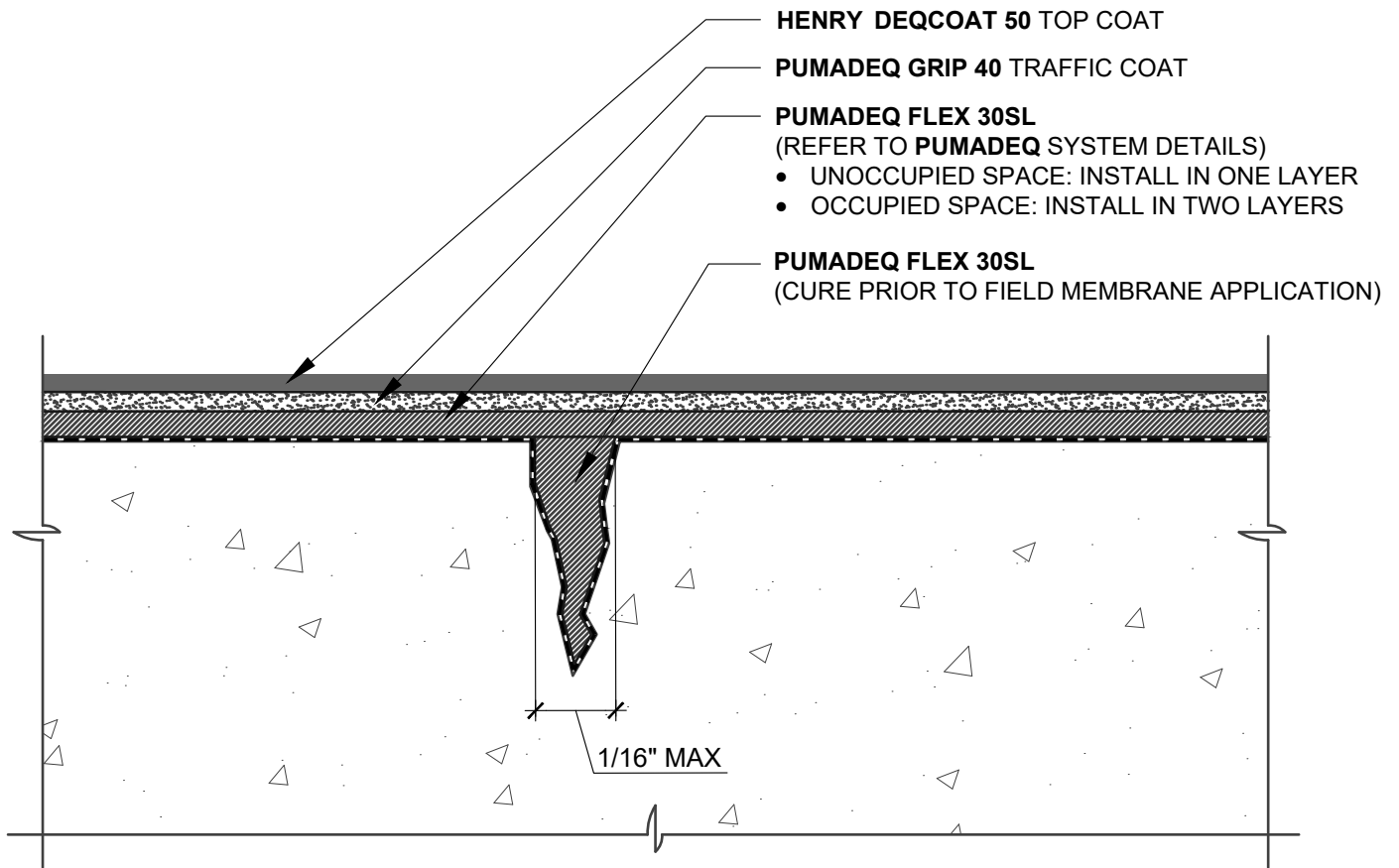
NON-MOVING JOINT

**UNREINFORCED FIELD MEMBRANE
 NON-MOVING JOINT AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-S14



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEC** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC FLEX 30SL**.
5. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
6. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
7. FULLY BROADCAST AGGREGATE, TO REJECTION, INTO WET **PUMADEC GRIP 40**. REFER TO REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR TYPICAL AGGREGATE SPECIFICATIONS.
8. APPLICATION RATES OVER OCCUPIED SPACES VS. UNOCCUPIED SPACES MAY VARY. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION AND **PUMADEC** SYSTEM DETAILS FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - PEDESTRIAN TRAFFIC COATING

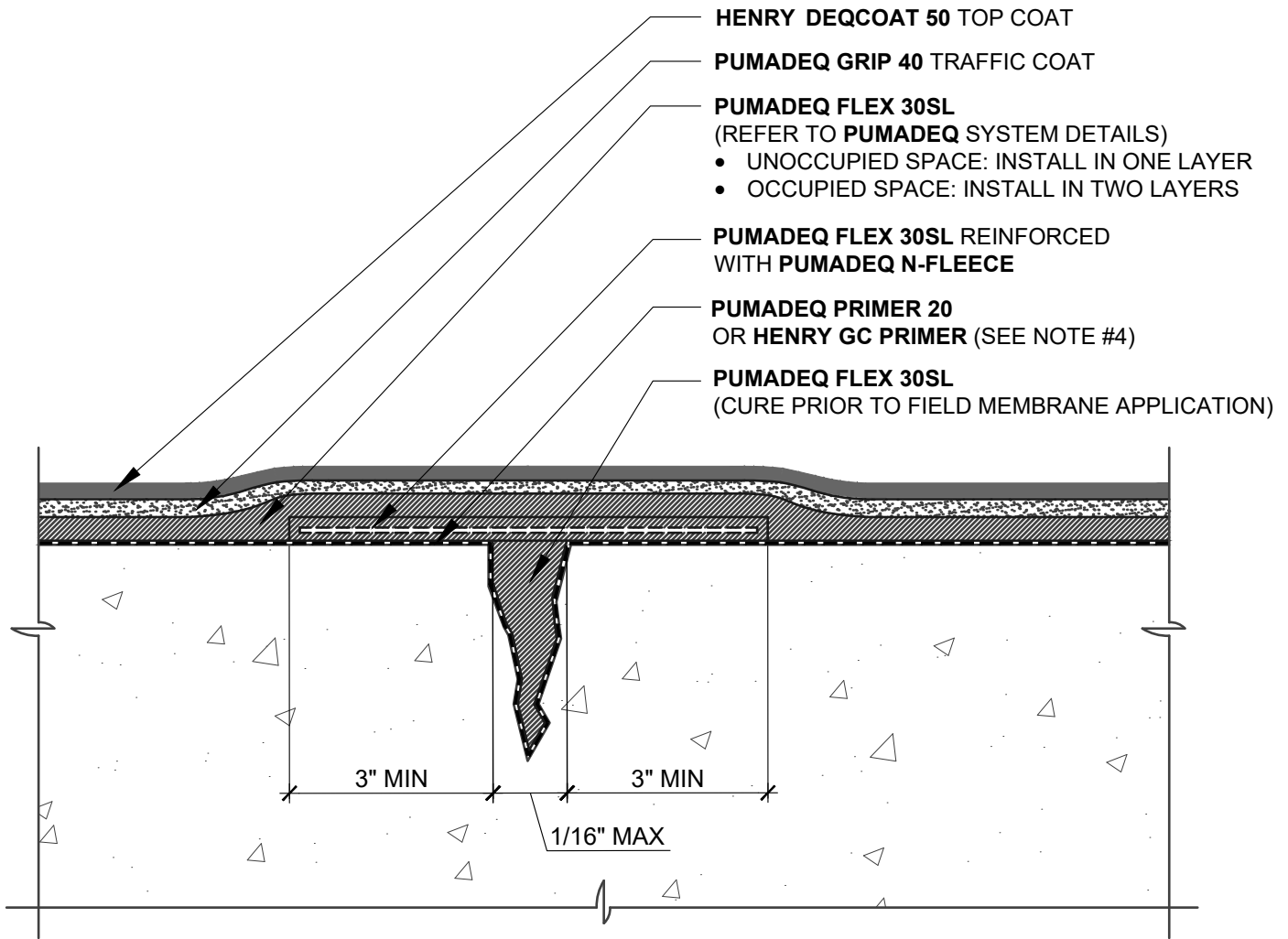
CRACK TREATMENT

**UNREINFORCED FIELD MEMBRANE
 CRACKS UP TO 1/16" WIDE**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC0



NOTES:

1. DETAIL SHOWS HENRY **PUMADEC** SYSTEM TRAFFIC COATING WITH AN UNREINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. SURFACE PROFILES MUST MEET ICRI CSP 3-4. IF CSP 5, REFER TO REINFORCED **PUMADEC** SYSTEM DETAILS.
3. DO NOT INSTALL **PUMADEC** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
4. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC FLEX 30SL**.
5. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
6. DO NOT INSTALL **PUMADEC** SYSTEM BEYOND PRIMED SURFACES.
7. FULLY BROADCAST AGGREGATE, TO REJECTION, INTO WET **PUMADEC GRIP 40**. REFER TO REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION FOR TYPICAL AGGREGATE SPECIFICATIONS.
8. APPLICATION RATES OVER OCCUPIED SPACES VS. UNOCCUPIED SPACES MAY VARY. REFER TO **PUMADEC** SYSTEM GUIDE SPECIFICATION AND **PUMADEC** SYSTEM DETAILS FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC SYSTEM - VEHICULAR TRAFFIC COATING

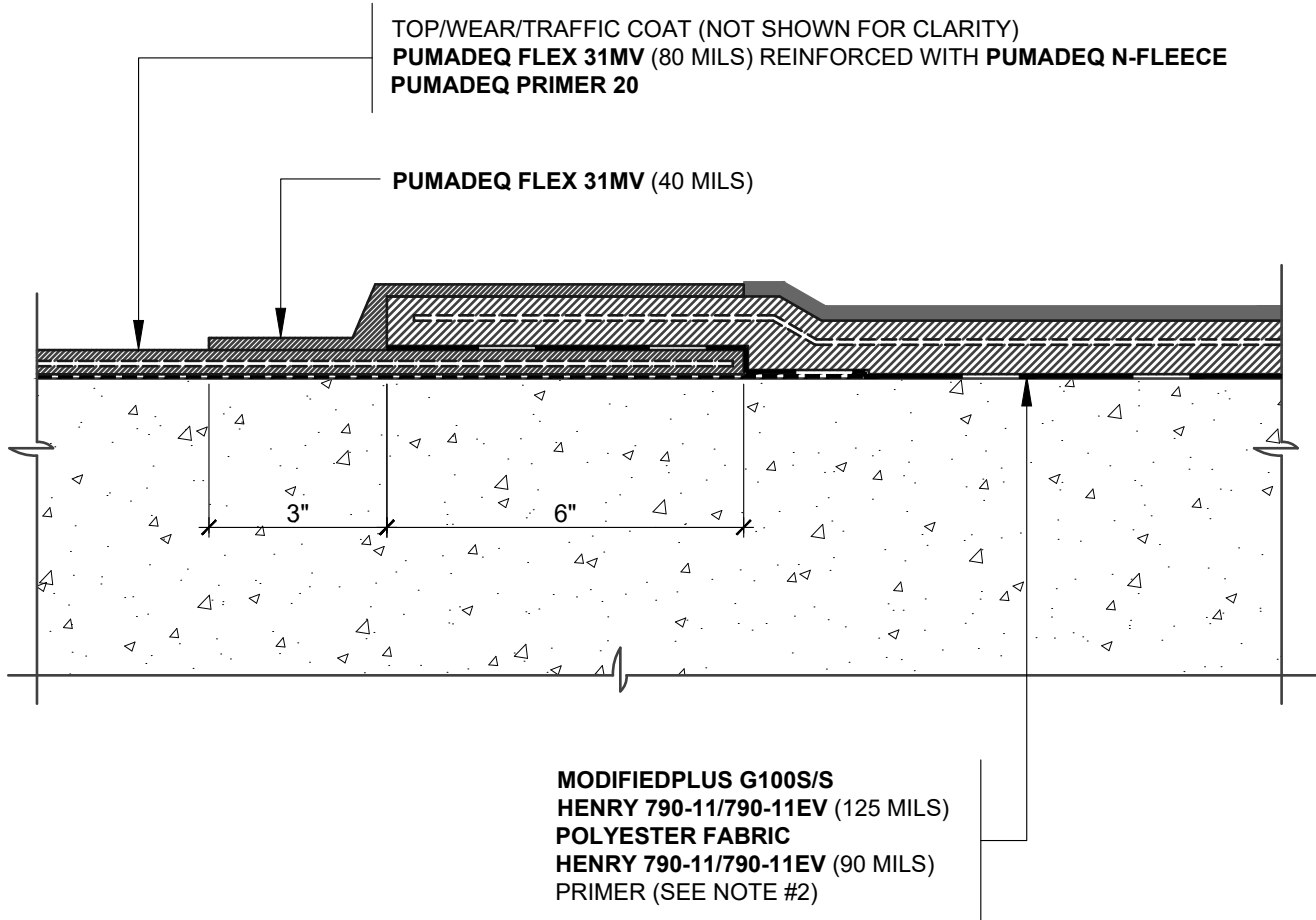
CRACK TREATMENT

**UNREINFORCED FIELD MEMBRANE
 CRACKS UP TO 1/16" WIDE**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC9



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** HOT RUBBERIZED ASPHALT WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

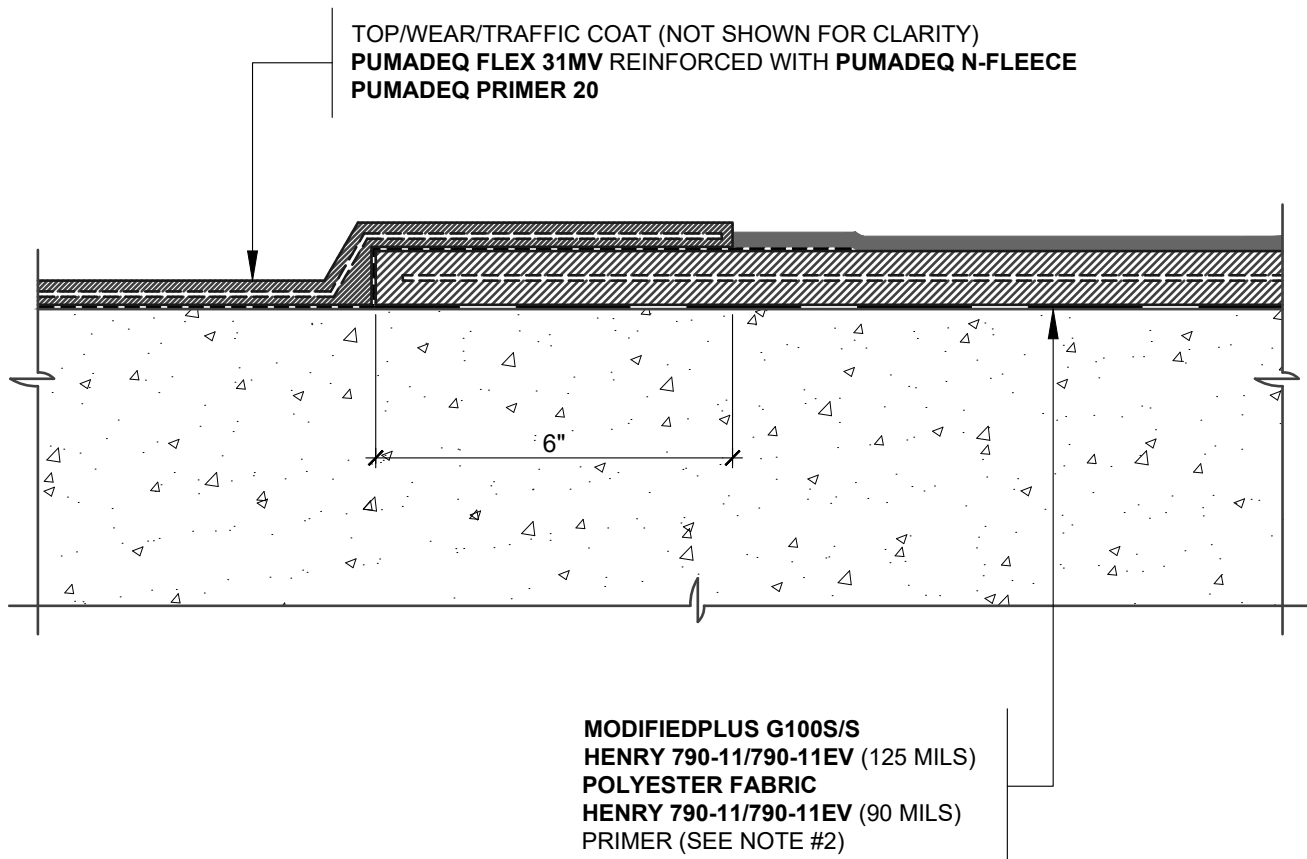
TIE-IN DETAIL

**DISSIMILAR MATERIAL TRANSITIONS
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3A1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** HOT RUBBERIZED ASPHALT WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

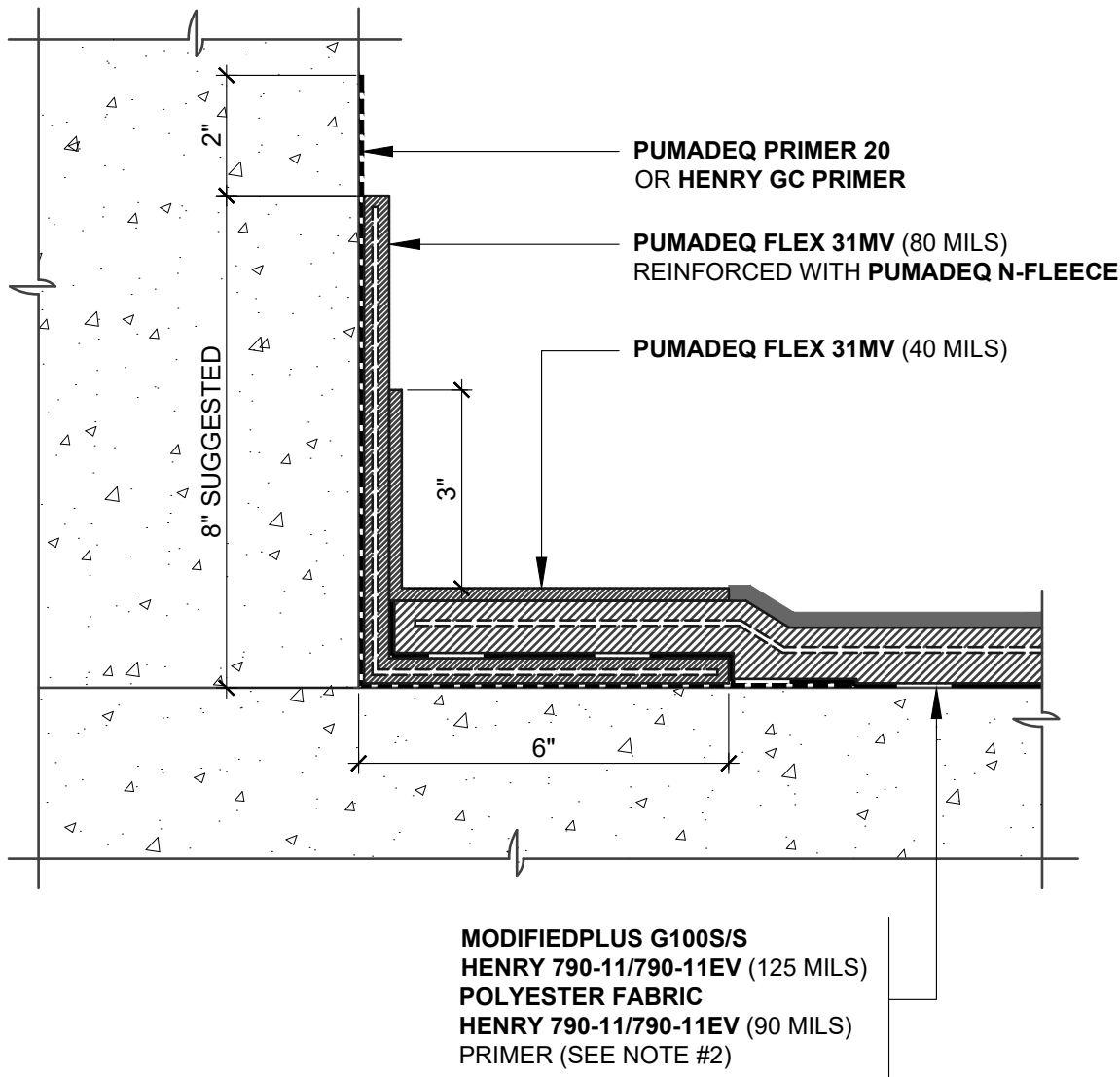
TIE-IN DETAIL

**DISSIMILAR MATERIAL TRANSITIONS
 HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3A2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

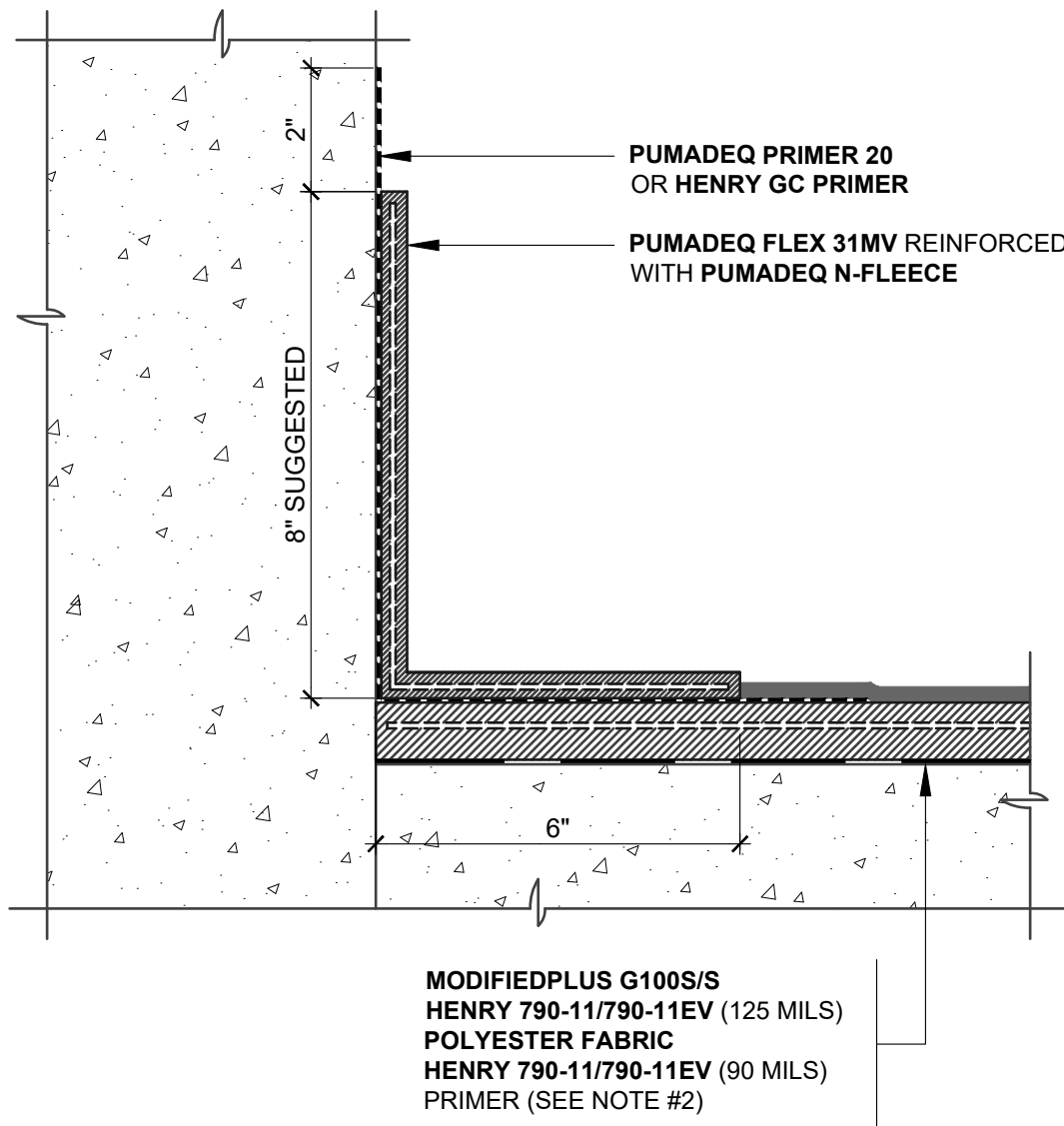
CURB FLASHING

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

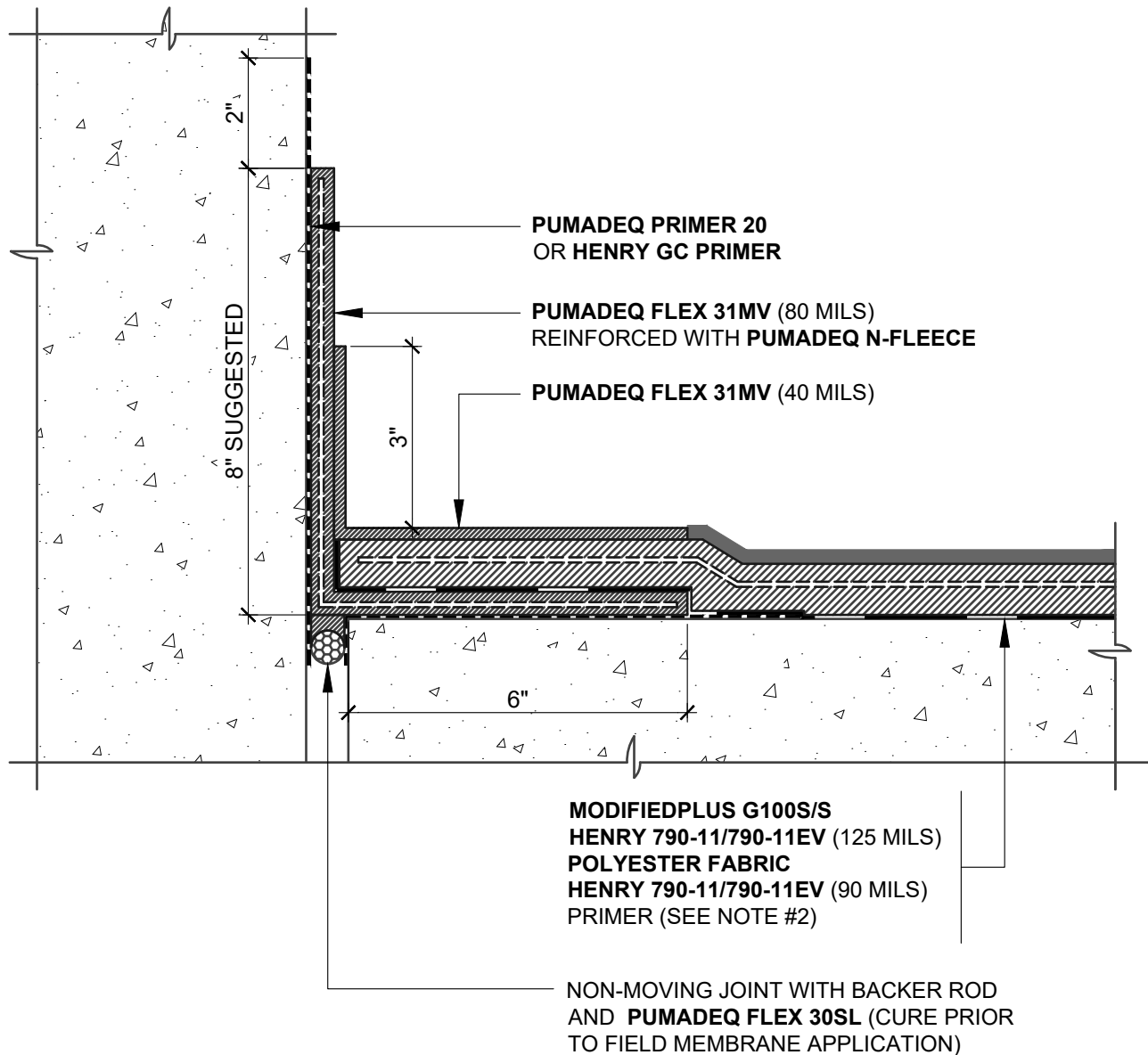
CURB FLASHING

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

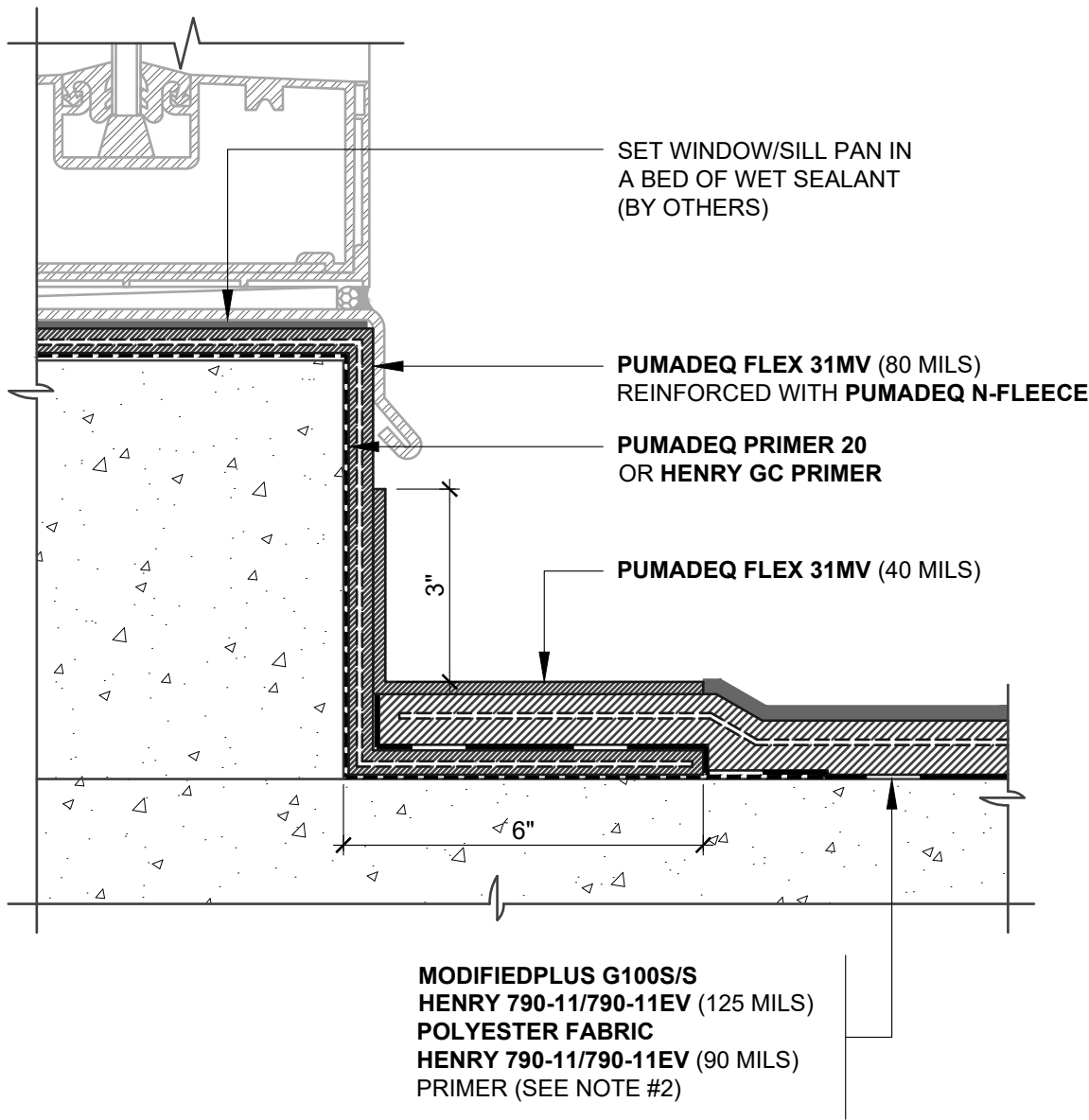
NON-MOVING JOINT

**CORNER FLASHING AT UPTURN
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C3



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

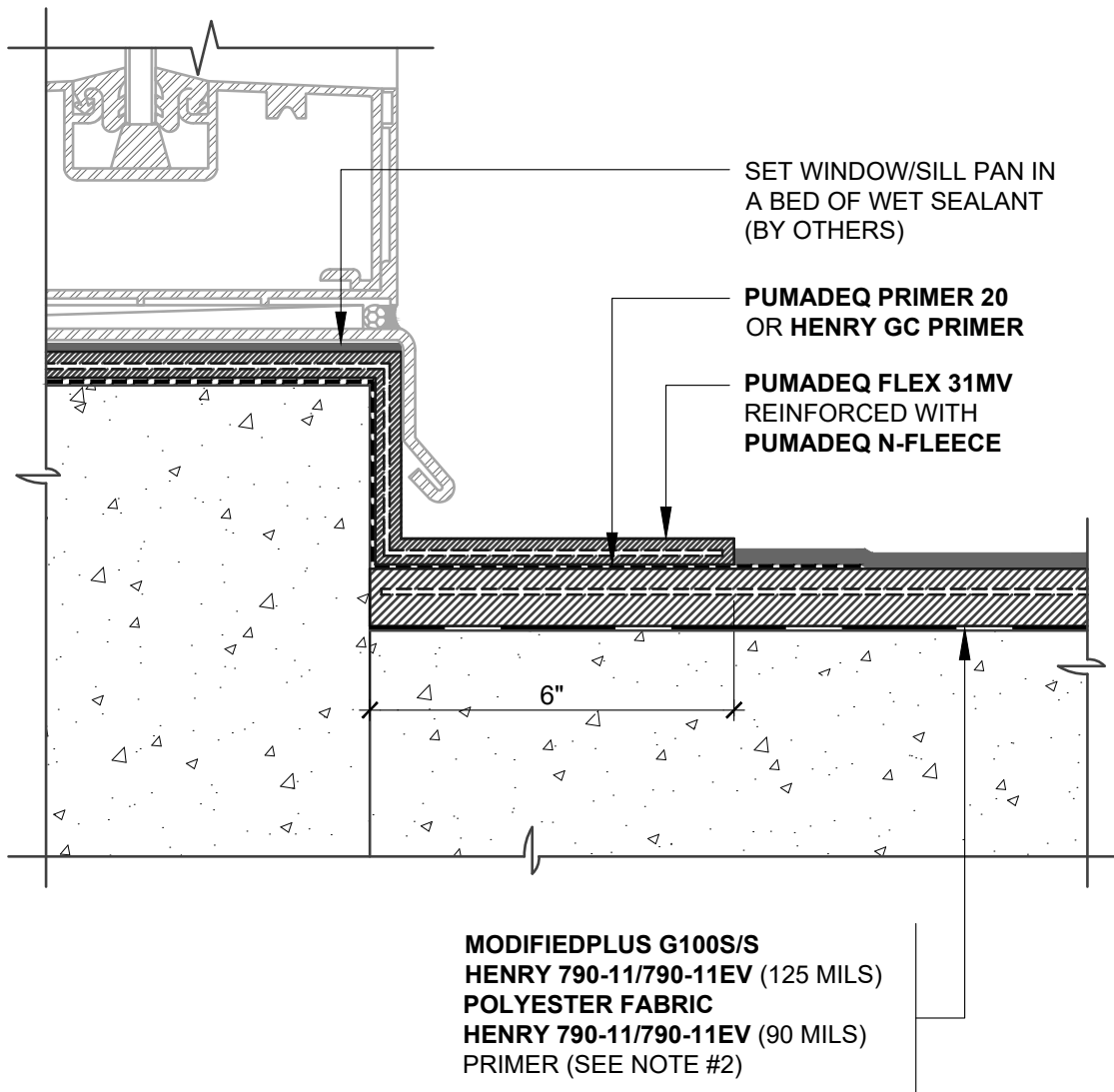
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C4



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

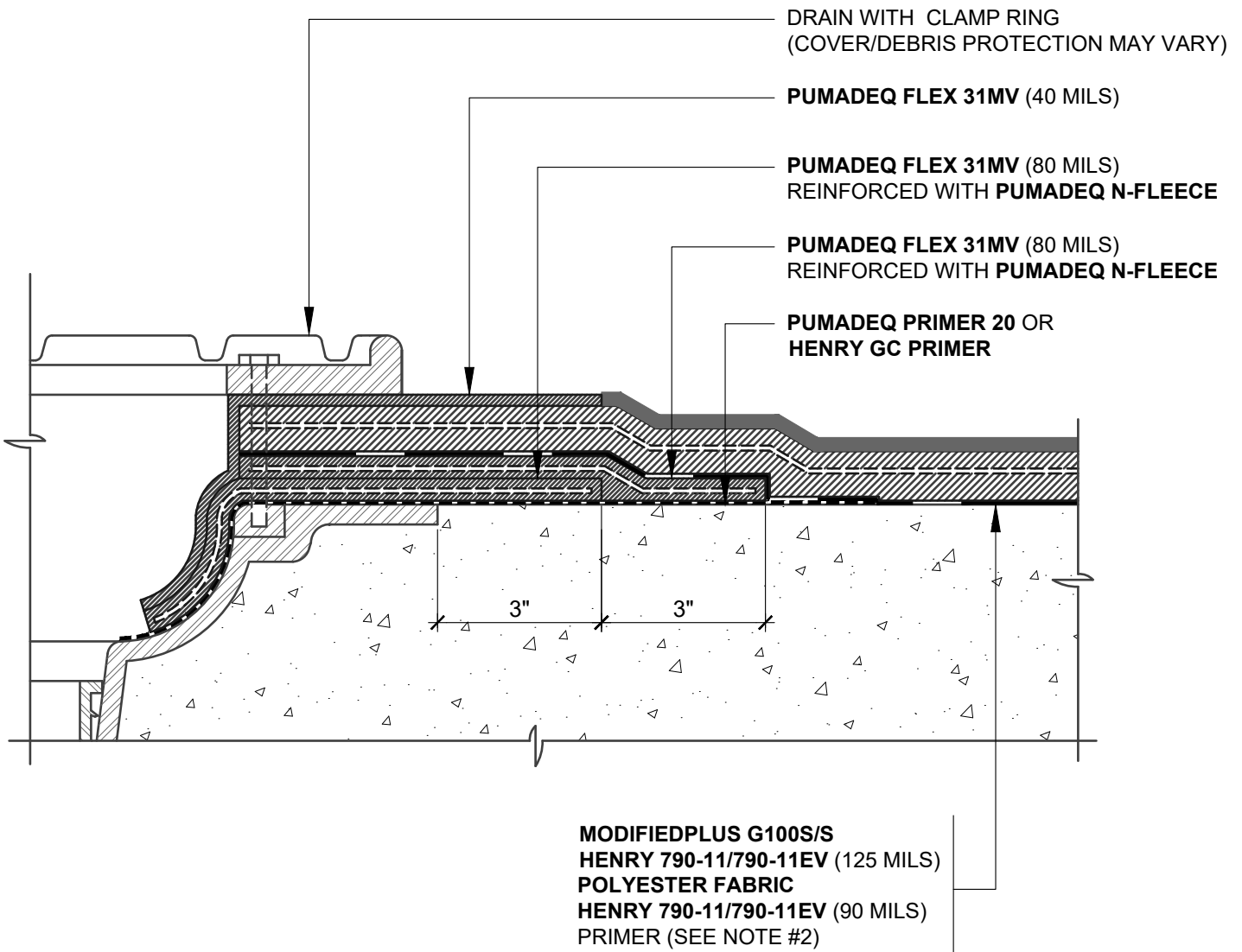
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
 HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3C5



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

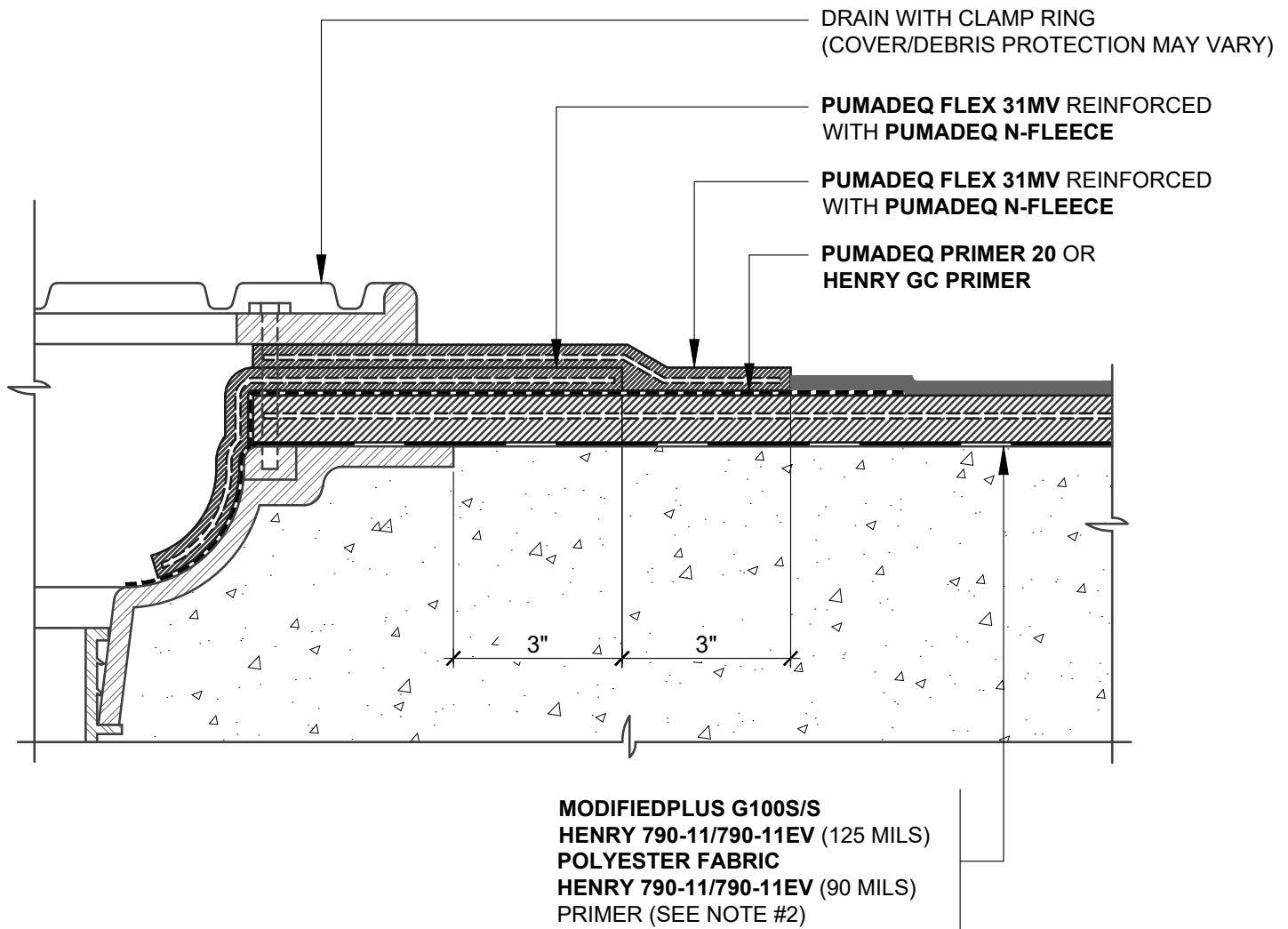
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**DRAIN -CLAMPING RING
FLASHING AT DRAIN WITH CLAMPING RING
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3D1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

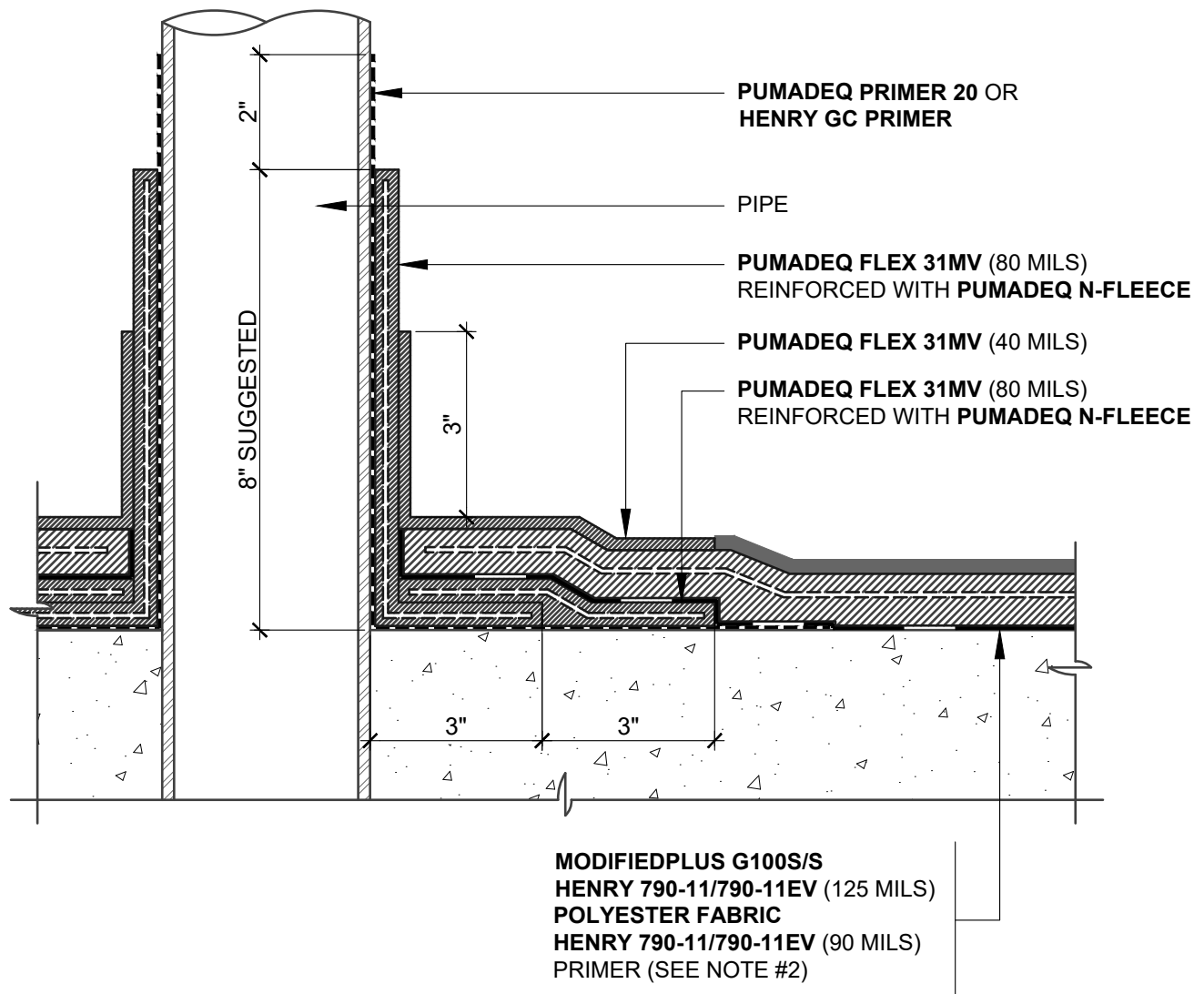
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**DRAIN -CLAMPING RING
FLASHING AT DRAIN WITH CLAMPING RING
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

790-11-TID-3D2



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
6. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

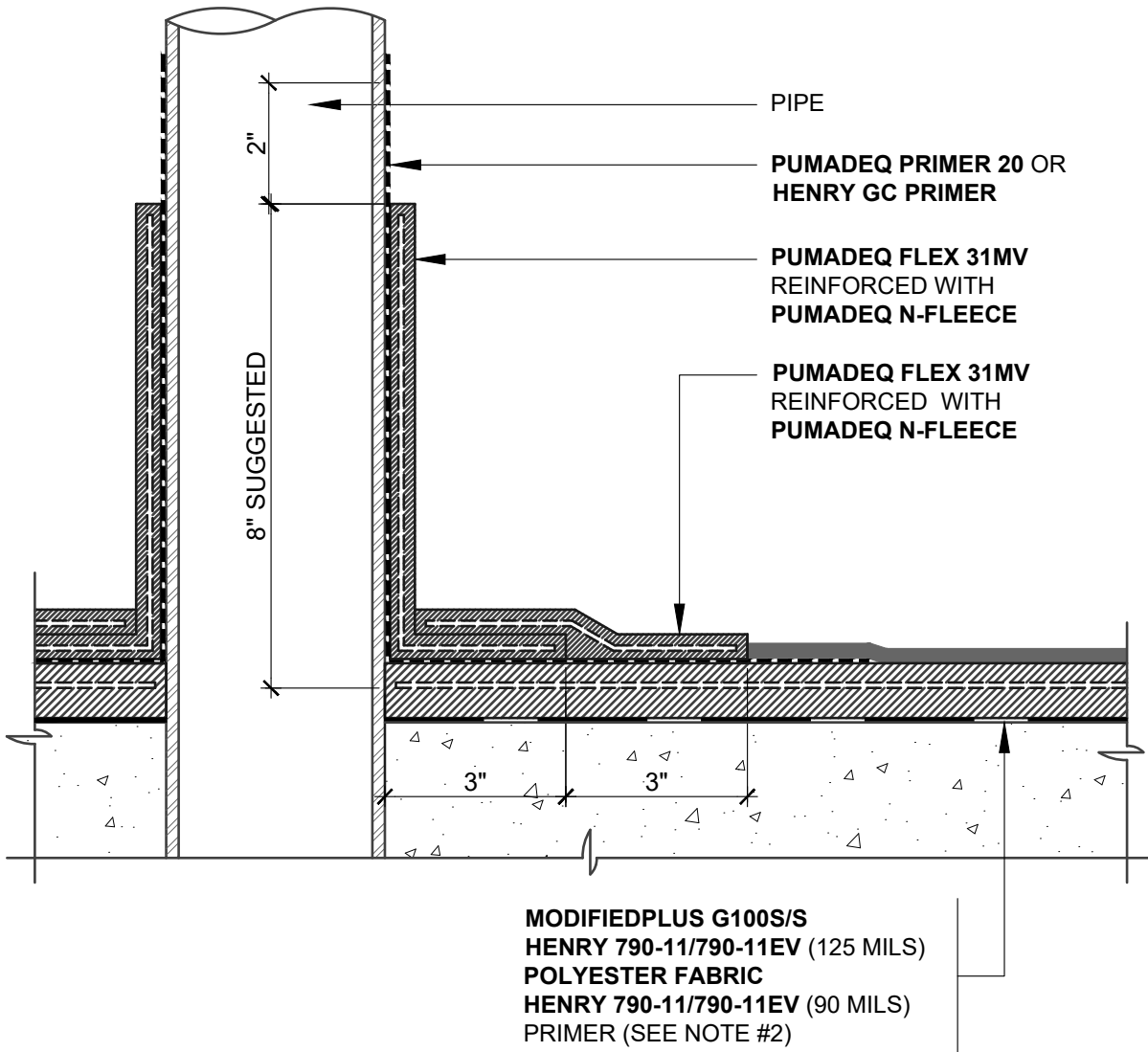
HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY 790-11/790-11EV AND PUMADEC SYSTEM**

SCALE: N.T.S.

08-26-2019

790-11-TID-3P1



NOTES:

1. DETAIL SHOWS **HENRY 790-11/790-11EV** FIELD MEMBRANE WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. RECOMMENDED HENRY ADHESIVE/PRIMER FOR **HENRY 790-11/790-11EV** INCLUDE: **HENRY 910-01 ASPHALT PRIMER** OR **HENRY 930-18 POLYMER MODIFIED ADHESIVE**. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET TO CONFIRM VOC COMPLIANCE.
3. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
4. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
5. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
6. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY 790-11/790-11EV AND PUMADEC SYSTEM TIE IN

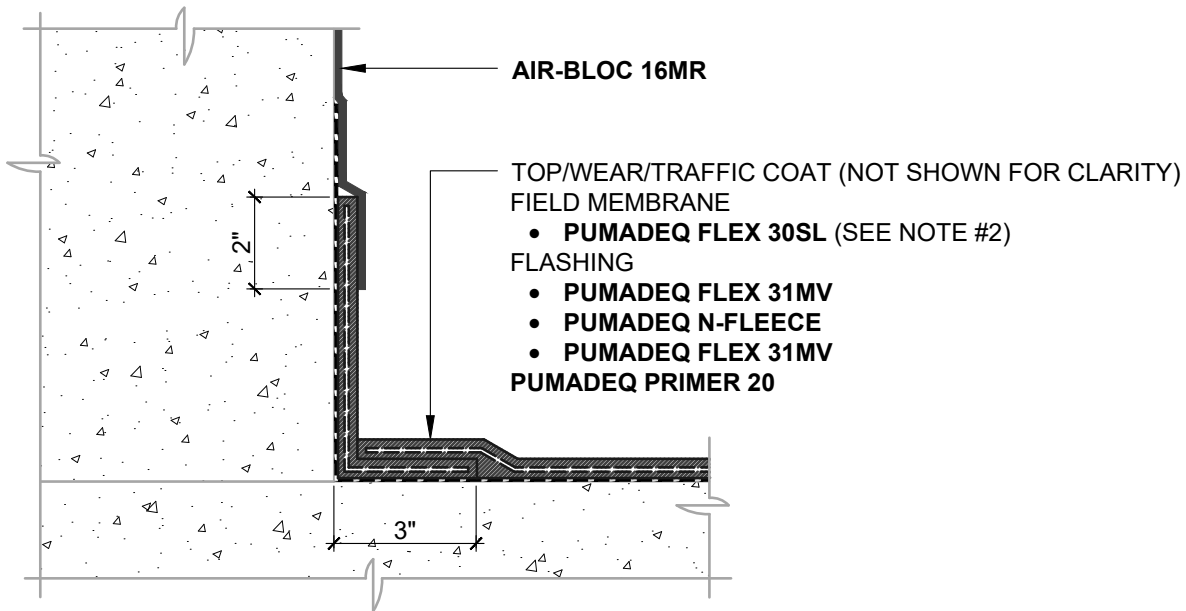
PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY 790-11/790-11EV AND PUMADEC SYSTEM

SCALE: N.T.S. 07-08-2019

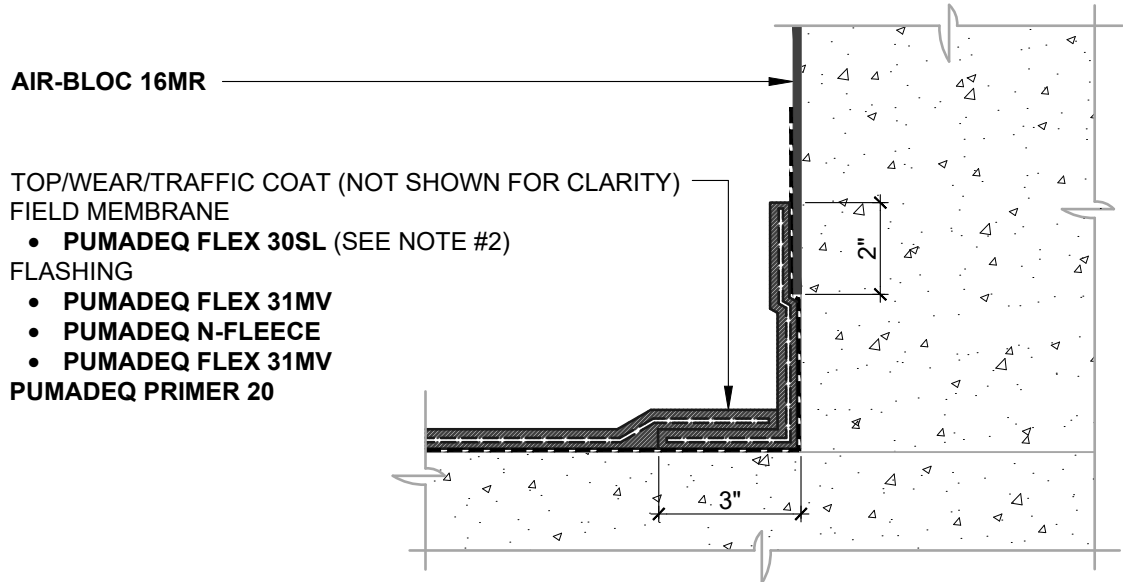
790-11-TID-3P2



999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM
N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM
N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 16MR AIR AND VAPOR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 16MR TIE-IN TO PUMADEC SYSTEM

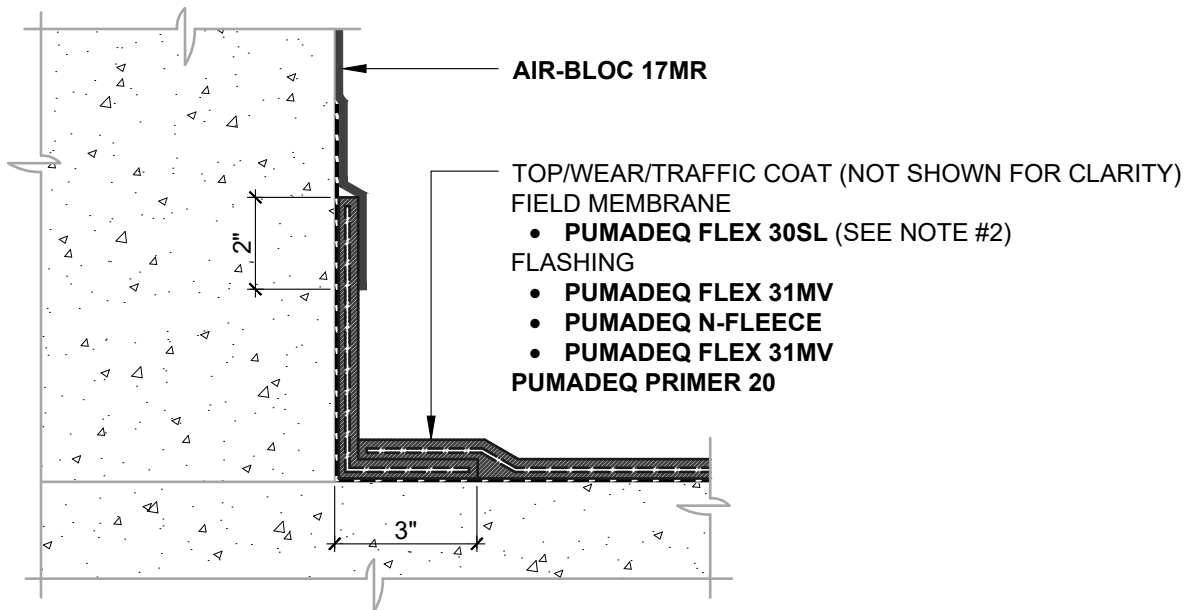
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

06-05-2019

AB16MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

AIR-BLOC 17MR

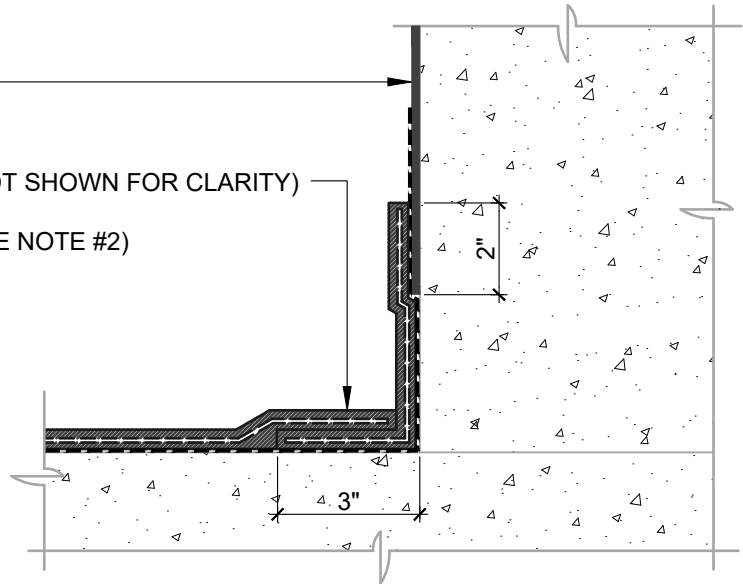
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 17MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 17MR TIE-IN TO PUMADEC SYSTEM

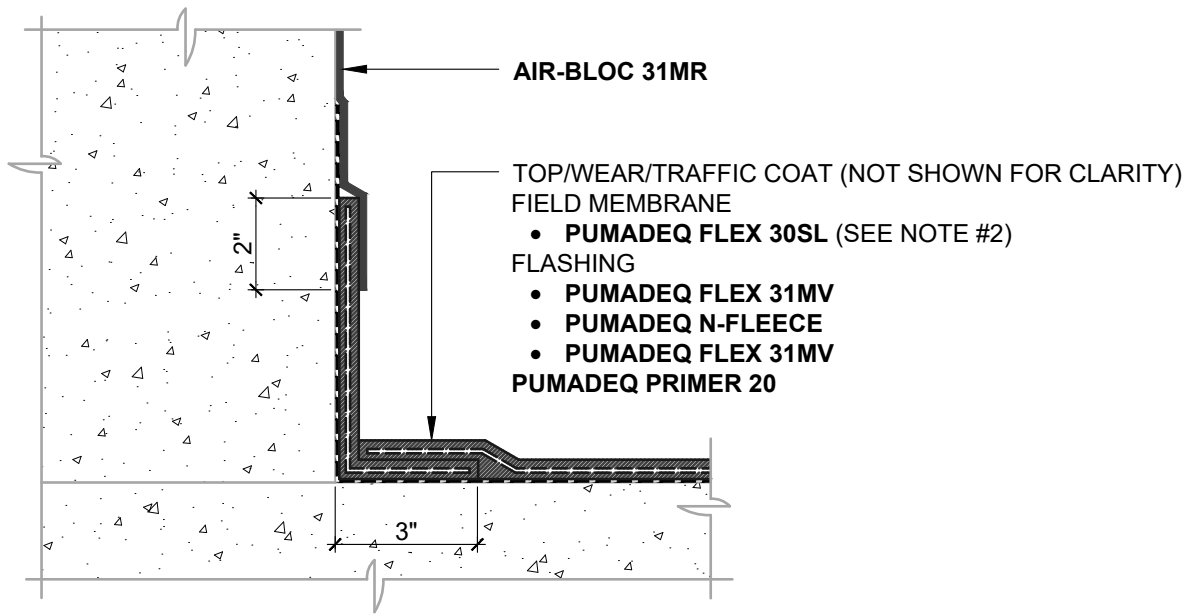
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

06-05-2019

AB17MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM
N.T.S

AIR-BLOC 31MR

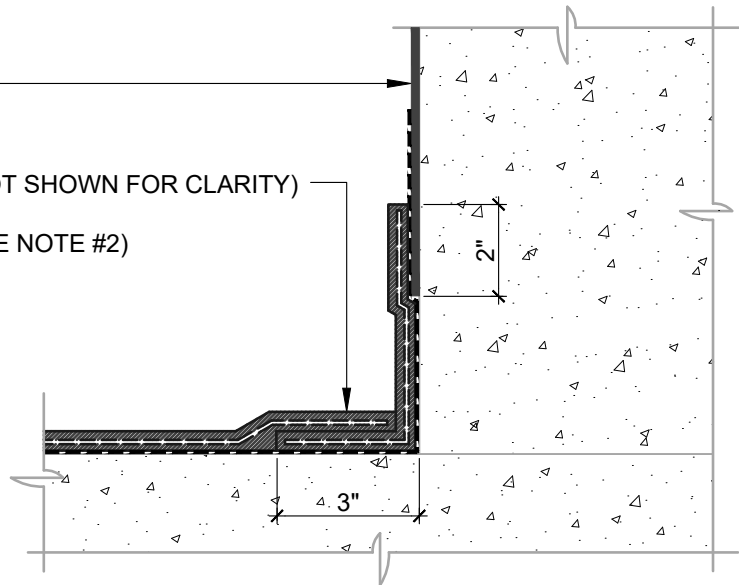
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

 FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

 PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM
N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 31MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 31MR TIE-IN TO PUMADEC SYSTEM

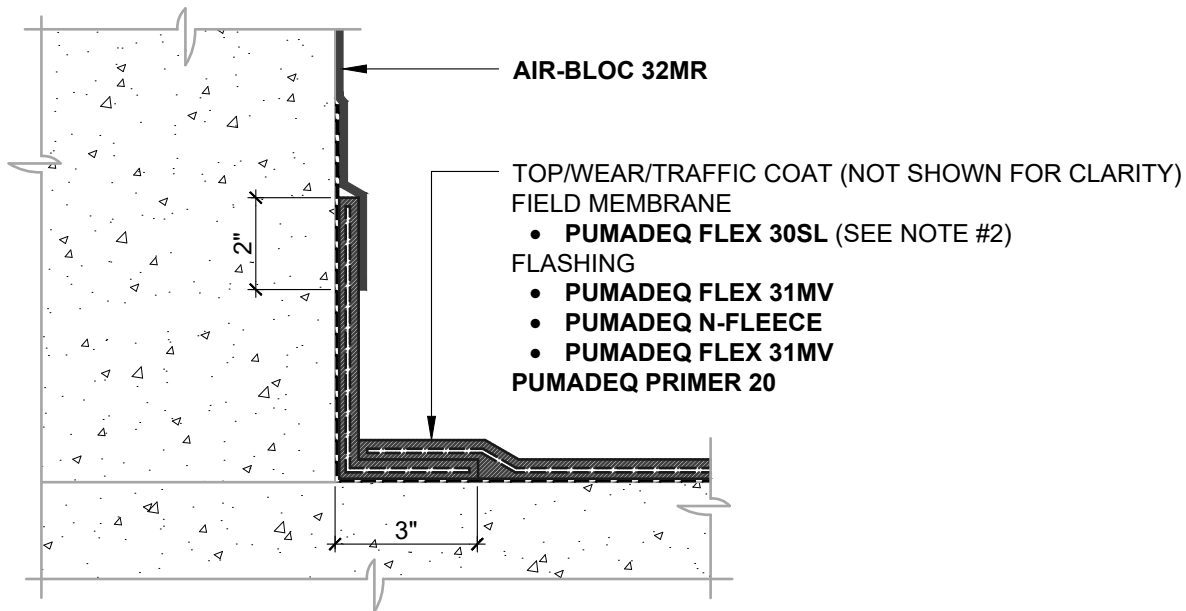
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

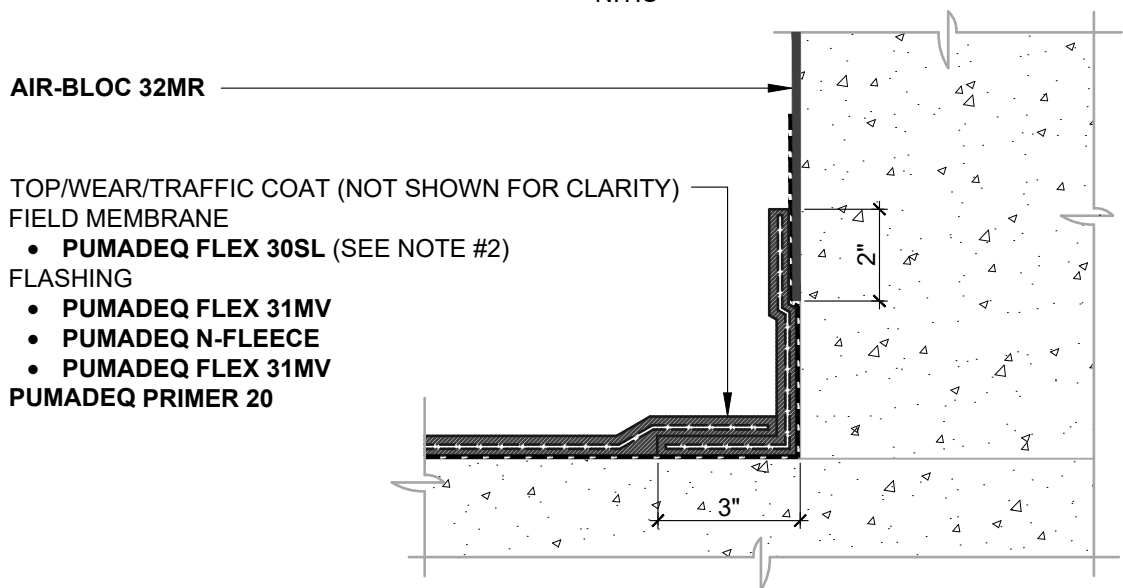
06-05-2019

AB31MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 32MR AIR AND VAPOR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 32MR TIE-IN TO PUMADEC SYSTEM

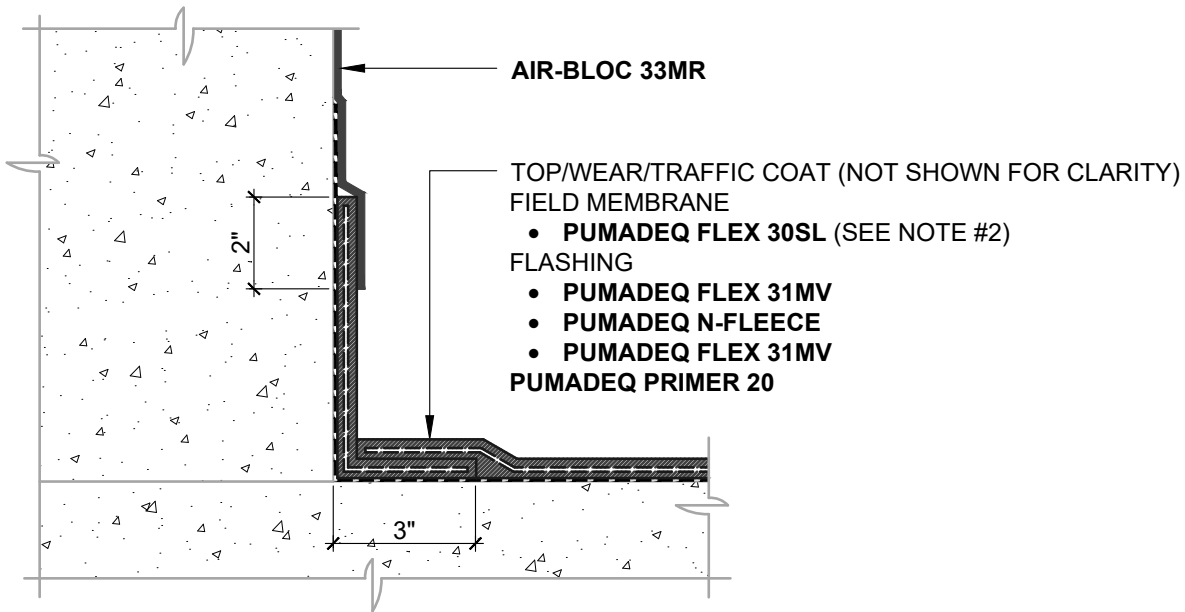
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

06-05-2019

AB32MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

AIR-BLOC 33MR

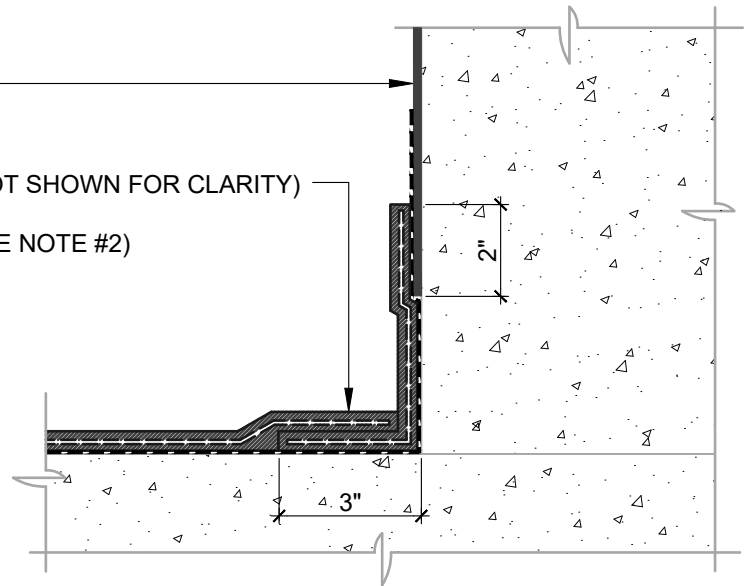
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- **PUMADEC FLEX 30SL** (SEE NOTE #2)

FLASHING

- **PUMADEC FLEX 31MV**
- **PUMADEC N-FLEECE**
- **PUMADEC FLEX 31MV**

PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC 33MR VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC 33MR TIE-IN TO PUMADEC SYSTEM

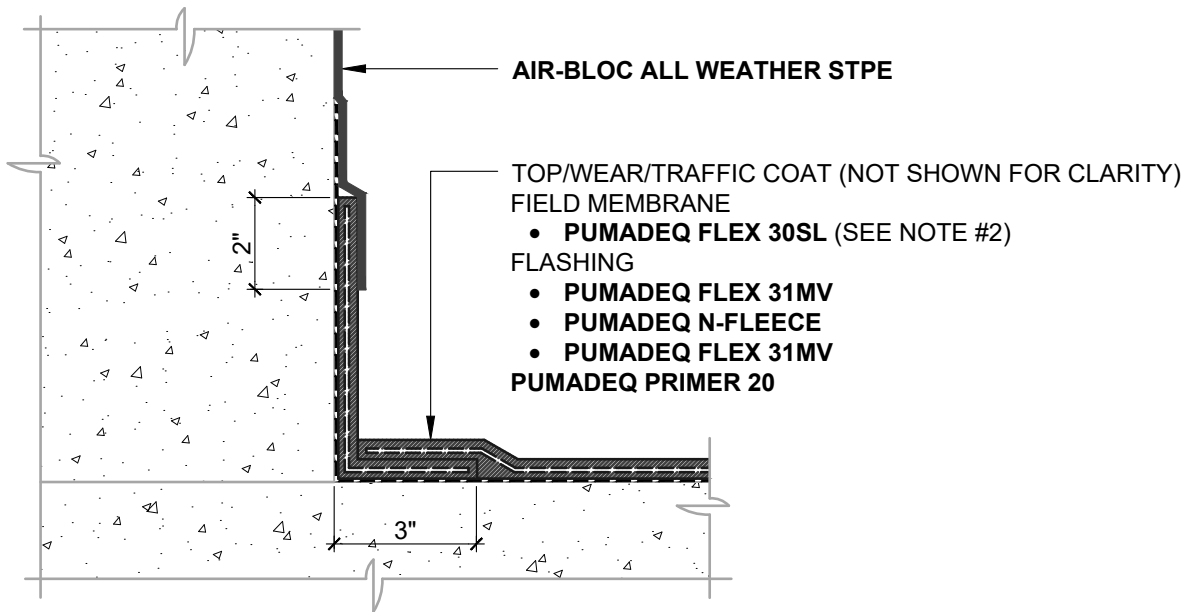
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

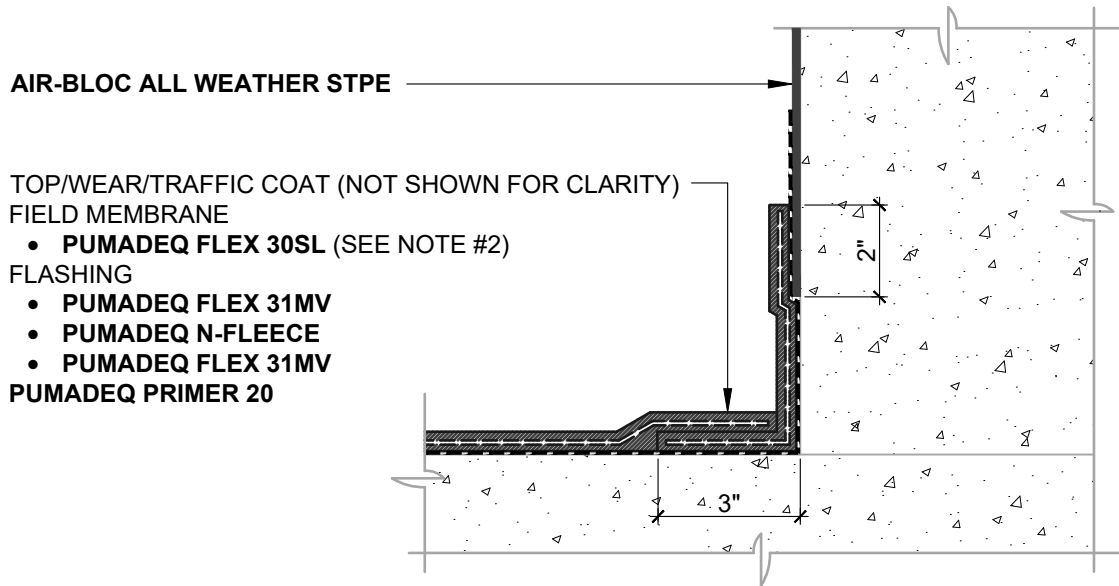
06-05-2019

AB33MR-TID3A



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **AIR-BLOC ALL WEATHER STPE FLUID APPLIED VAPOR PERMEABLE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

AIR-BLOC ALL WEATHER STPE TIE-IN TO PUMADEC SYSTEM

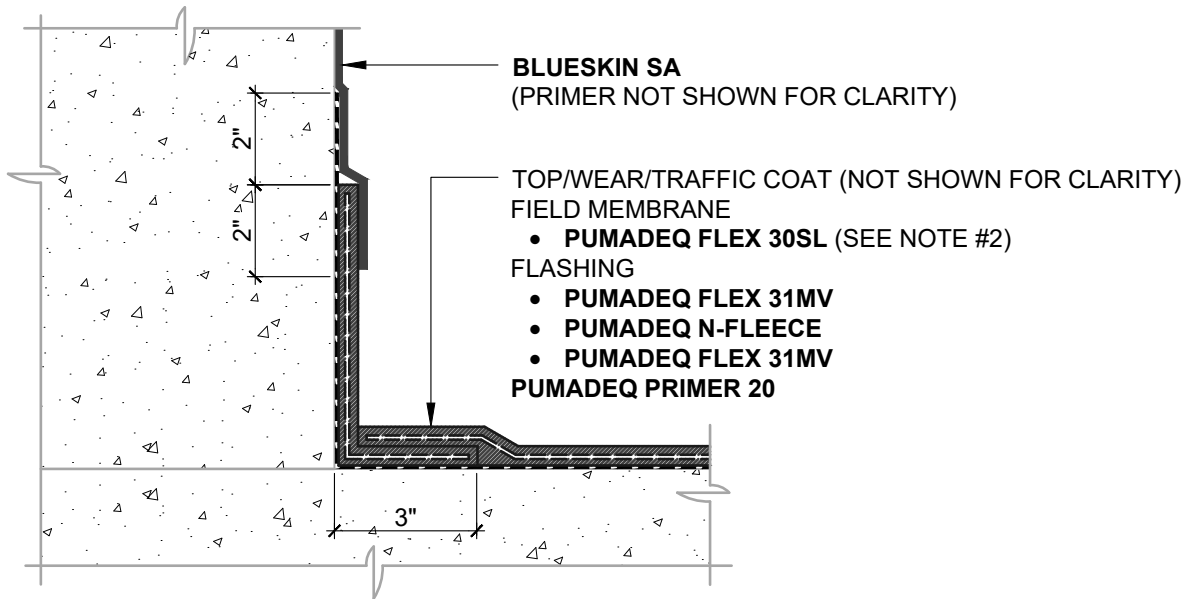
TIE-IN DETAIL

**EXPOSED FLASHING
PUMADEC 31MV**

SCALE: N.T.S.

05-22-2019

ABSTPE-TID3A



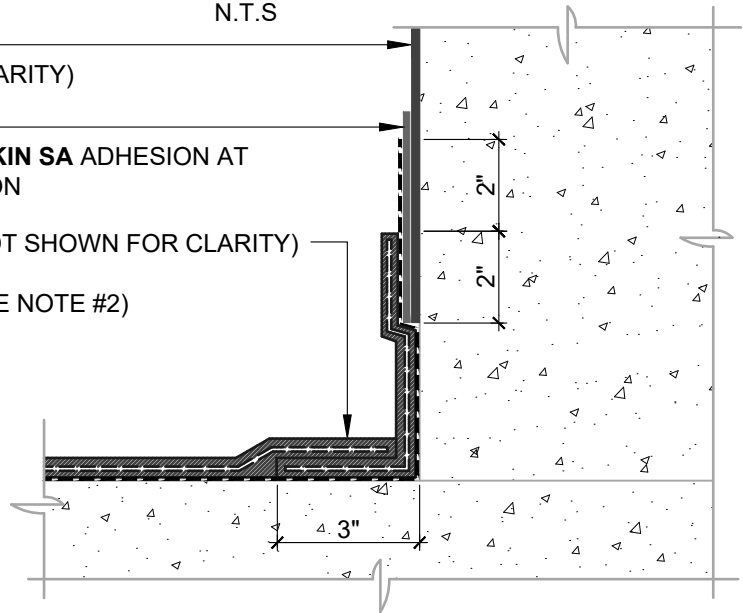
AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

BLUESKIN SA
(PRIMER NOT SHOWN FOR CLARITY)

BLUESKIN ADHESIVE
INSTALL TO ENHANCE **BLUESKIN SA** ADHESION AT
PUMADEC SYSTEM TRANSITION

TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE
• **PUMADEC FLEX 30SL** (SEE NOTE #2)
FLASHING
• **PUMADEC FLEX 31MV**
• **PUMADEC N-FLEECE**
• **PUMADEC FLEX 31MV**
PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **BLUESKIN SA SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

BLUESKIN SA TIE-IN TO PUMADEC SYSTEM

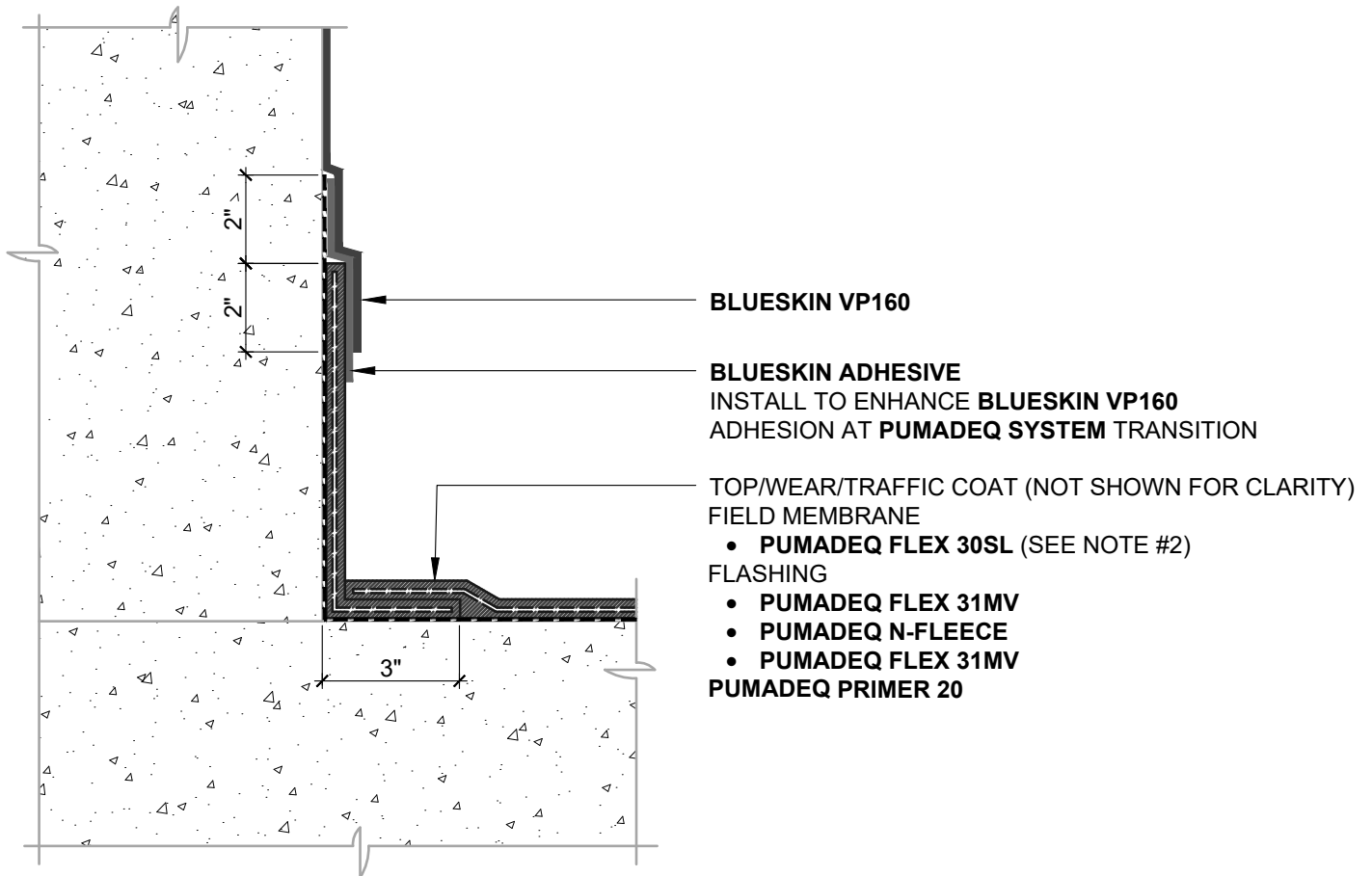
TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

SCALE: N.T.S.

06-24-2019

BSSA-TID3A



AIR BARRIER INSTALLED AFTER PUMADEV SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **BLUESKIN VP160 SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEV SYSTEM TRANSITION**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEV SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEV SYSTEM** DETAILS FOR FURTHER CLARITY.
3. CONTACT HENRY FOR REVERSE LAP SEQUENCE OF INSTALLATION RECOMMENDATIONS.
4. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

BLUESKIN VP160 TIE-IN TO PUMADEV SYSTEM

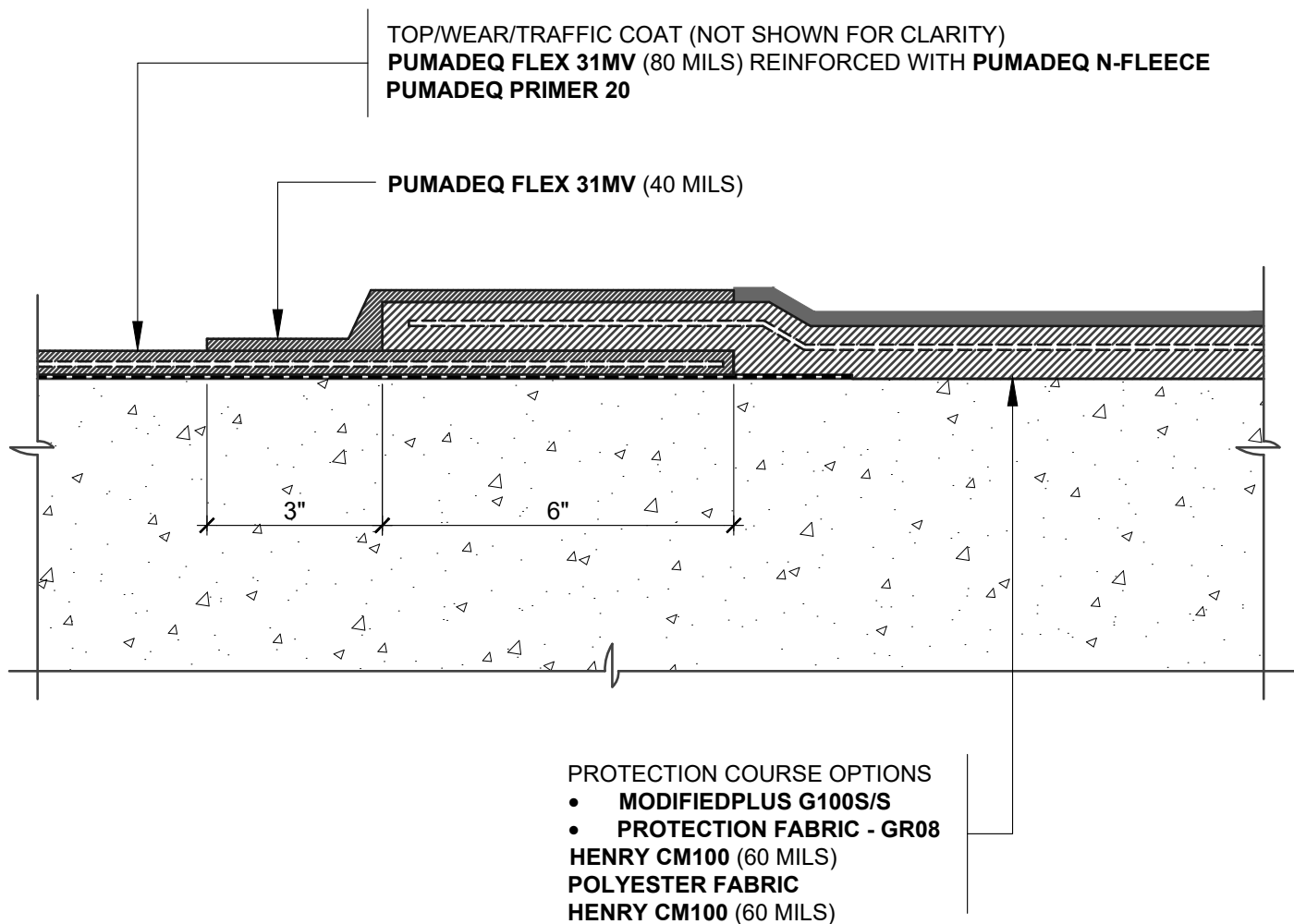
TIE-IN DETAIL

**EXPOSED FLASHING
 PUMADEV 31MV**

SCALE: N.T.S.

06-24-2019

BSVP-TID3A



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

TIE-IN DETAIL

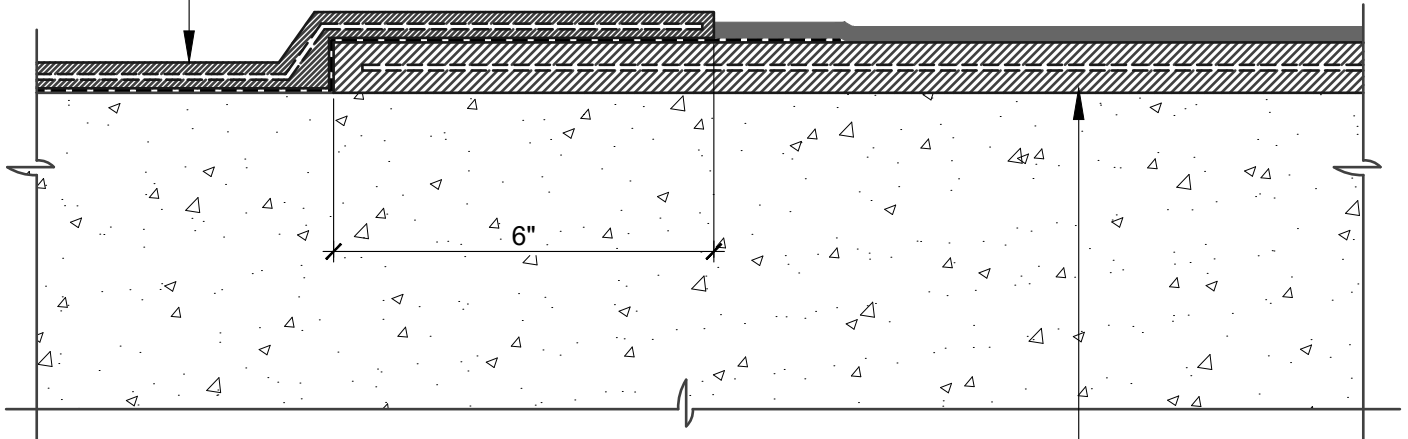
DISSIMILAR MATERIAL TRANSITIONS
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3A1

TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
PUMADEQ FLEX 31MV REINFORCED WITH **PUMADEQ N-FLEECE**
PUMADEQ PRIMER 20



PROTECTION COURSE OPTIONS

- **MODIFIEDPLUS G100S/S**
- **PROTECTION FABRIC - GR08**

HENRY CM100 (60 MILS)
POLYESTER FABRIC
HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEQ SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEQ SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEQ SYSTEM** DETAILS FOR FURTHER CLARITY.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEQ SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEQ SYSTEM TIE IN

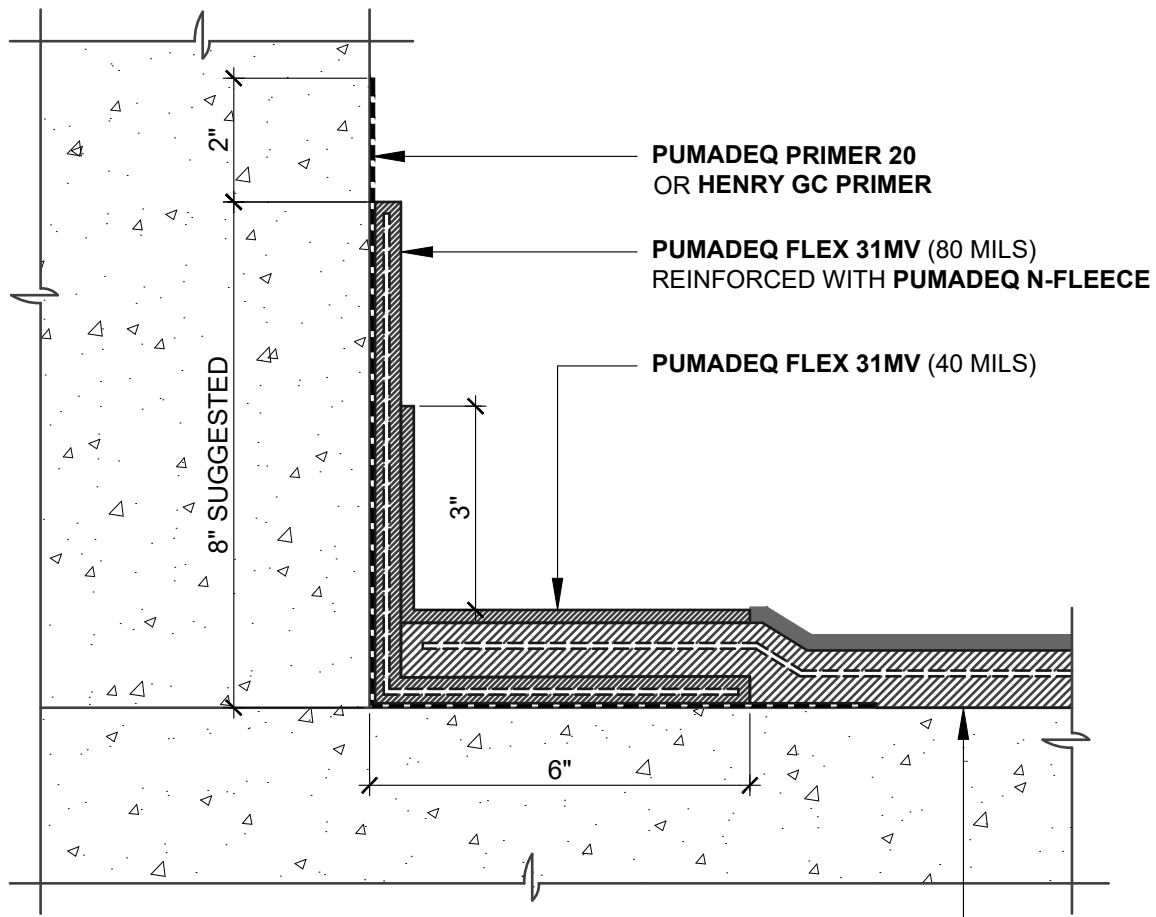
TIE-IN DETAIL

DISSIMILAR MATERIAL TRANSITIONS
HENRY CM100 AND PUMADEQ SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3A2



PROTECTION COURSE OPTIONS

- MODIFIEDPLUS G100S/S
- PROTECTION FABRIC - GR08

HENRY CM100 (60 MILS)
 POLYESTER FABRIC
 HENRY CM100 (60 MILS)

NOTES:

1. DDETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

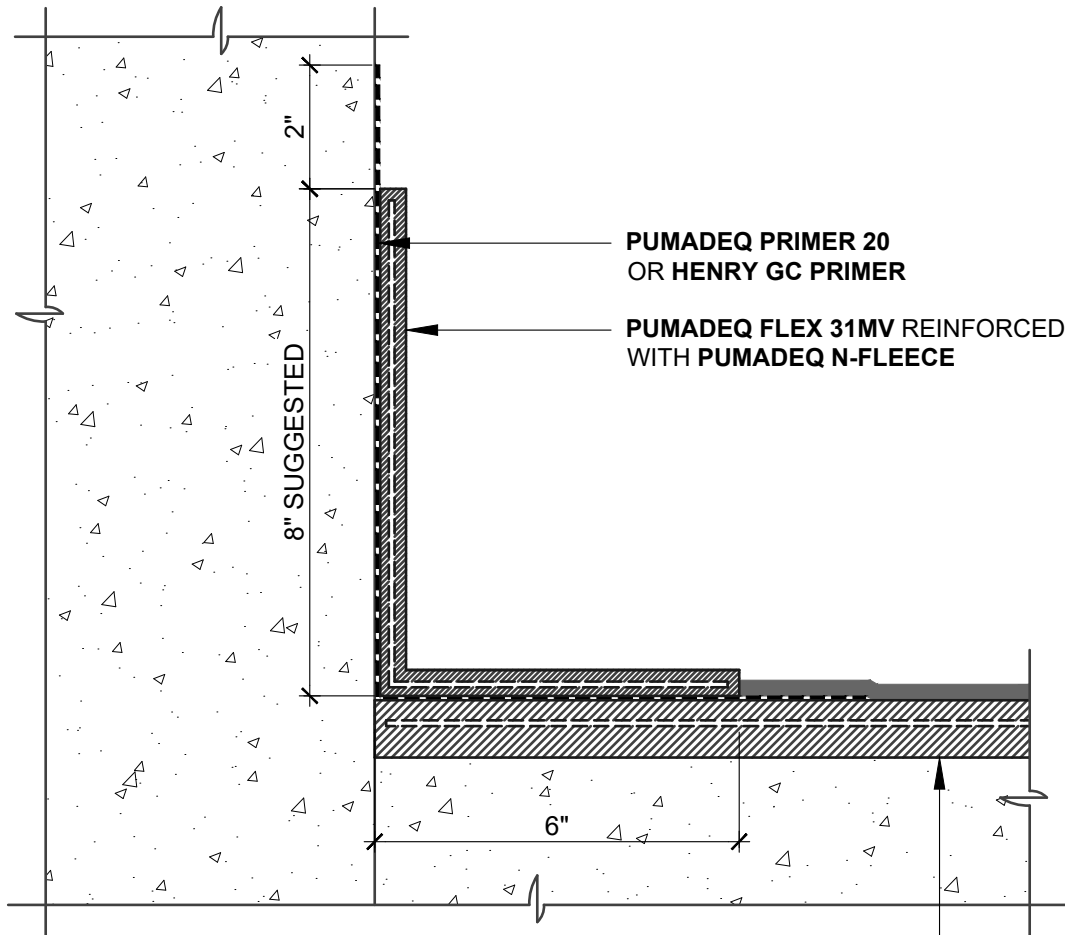
CURB FLASHING

**CORNER FLASHING AT UPTURN
 HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C1



PUMADEC PRIMER 20
OR HENRY GC PRIMER

PUMADEC FLEX 31MV REINFORCED
WITH PUMADEC N-FLEECE

8" SUGGESTED

6"

PROTECTION COURSE OPTIONS

- MODIFIEDPLUS G100S/S
- PROTECTION FABRIC - GR08
- HENRY CM100 (60 MILS)
- POLYESTER FABRIC
- HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS HENRY CM100 REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY PUMADEC SYSTEM FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC SYSTEM APPLICATION IN ACCORDANCE WITH HENRY PUMADEC SYSTEM SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH PUMADEC FLEX 31MV.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

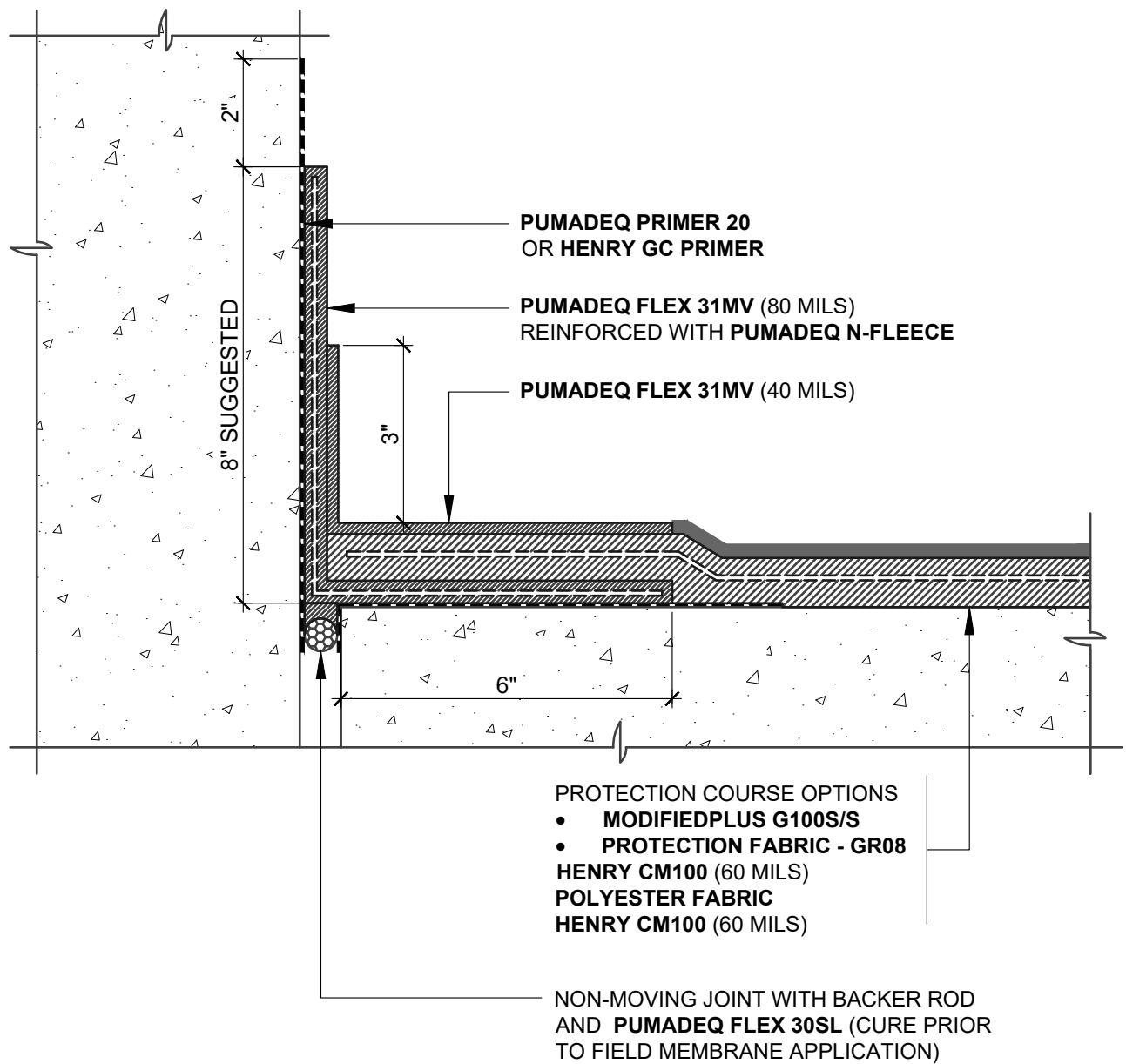
CURB FLASHING

CORNER FLASHING AT UPTURN
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3C2



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

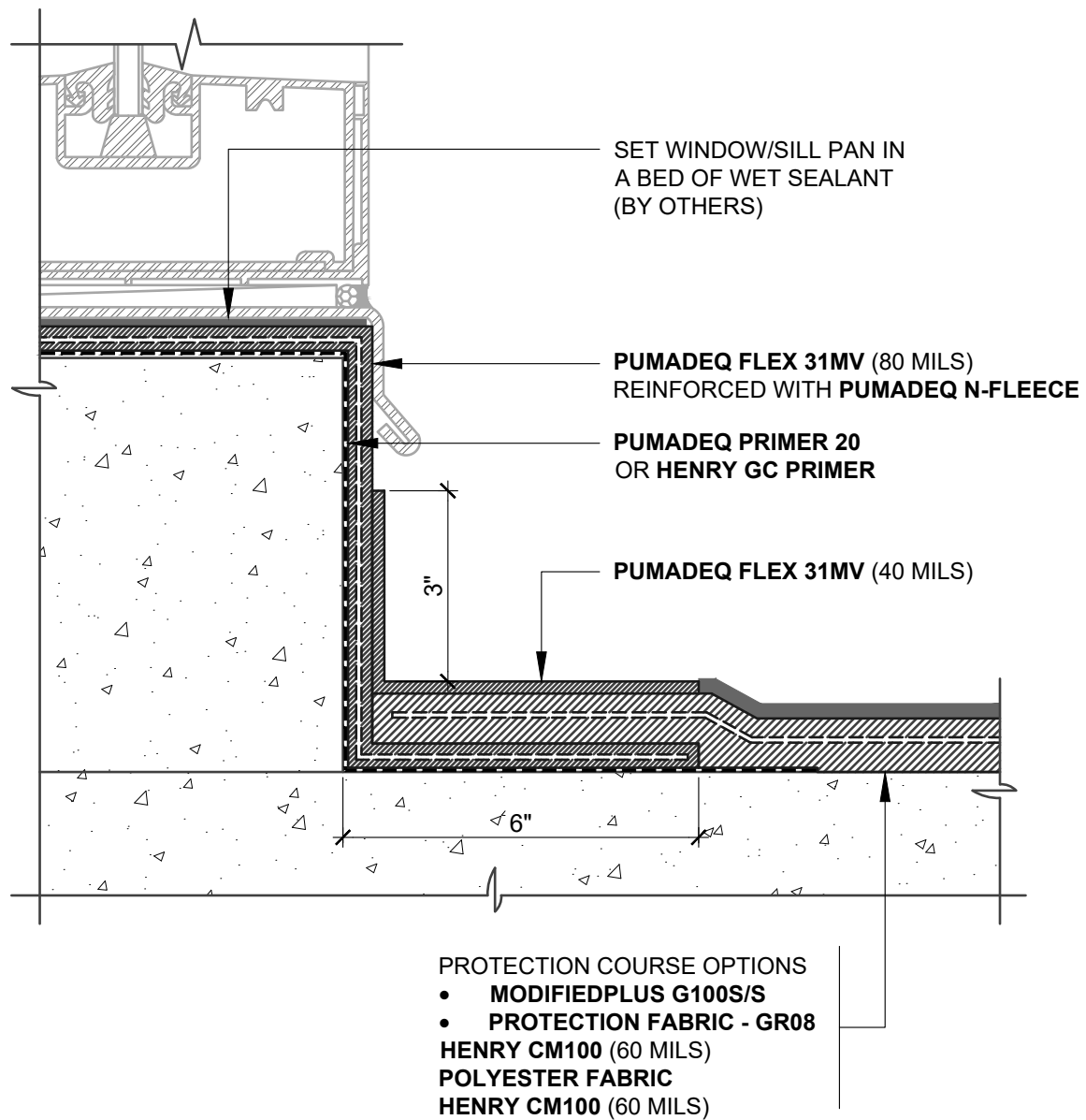
NON-MOVING JOINT

**CORNER FLASHING AT UPTURN
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C3



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

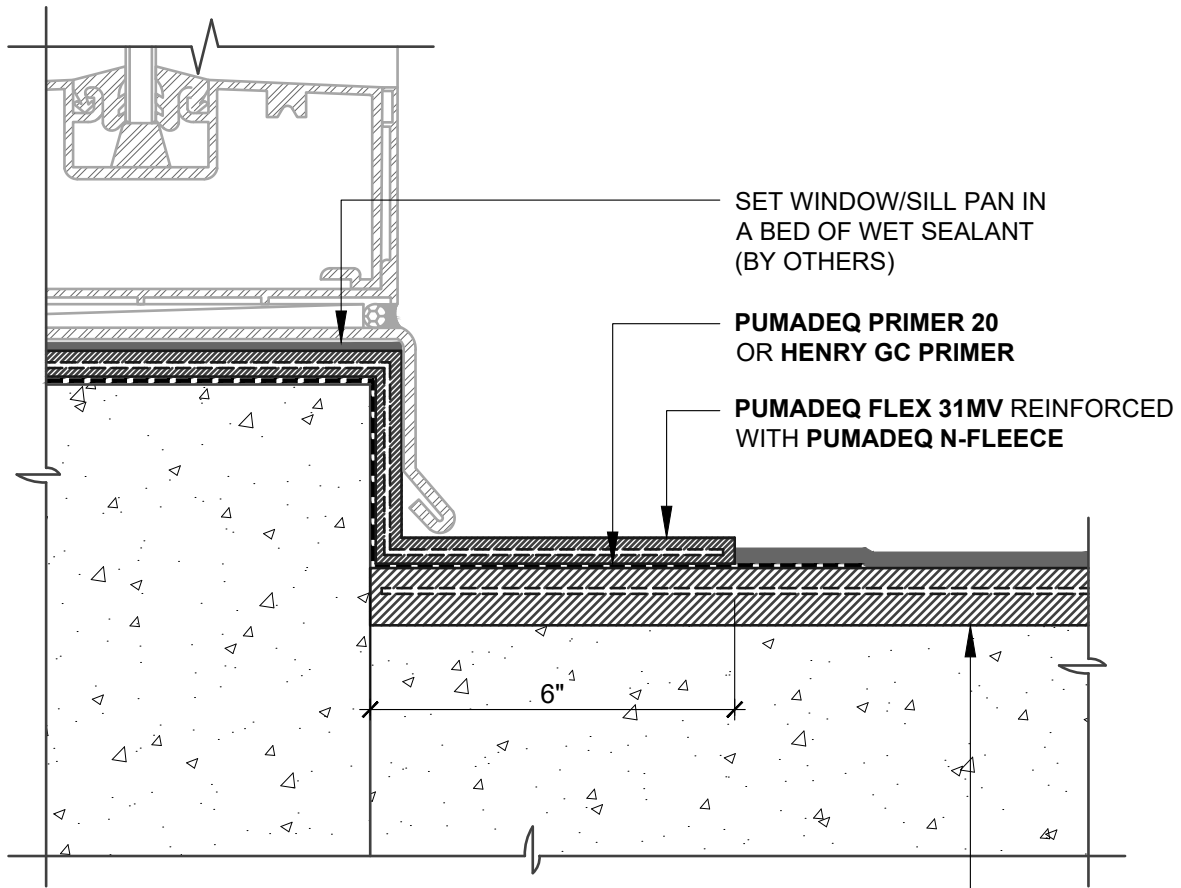
CURB FLASHING

**CORNER FLASHING AT WINDOW SILL CURB
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3C4



SET WINDOW/SILL PAN IN
A BED OF WET SEALANT
(BY OTHERS)

PUMADEC PRIMER 20
OR **HENRY GC PRIMER**

PUMADEC FLEX 31MV REINFORCED
WITH **PUMADEC N-FLEECE**

6"

PROTECTION COURSE OPTIONS

- **MODIFIEDPLUS G100S/S**
- **PROTECTION FABRIC - GR08**

HENRY CM100 (60 MILS)
POLYESTER FABRIC
HENRY CM100 (60 MILS)

NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

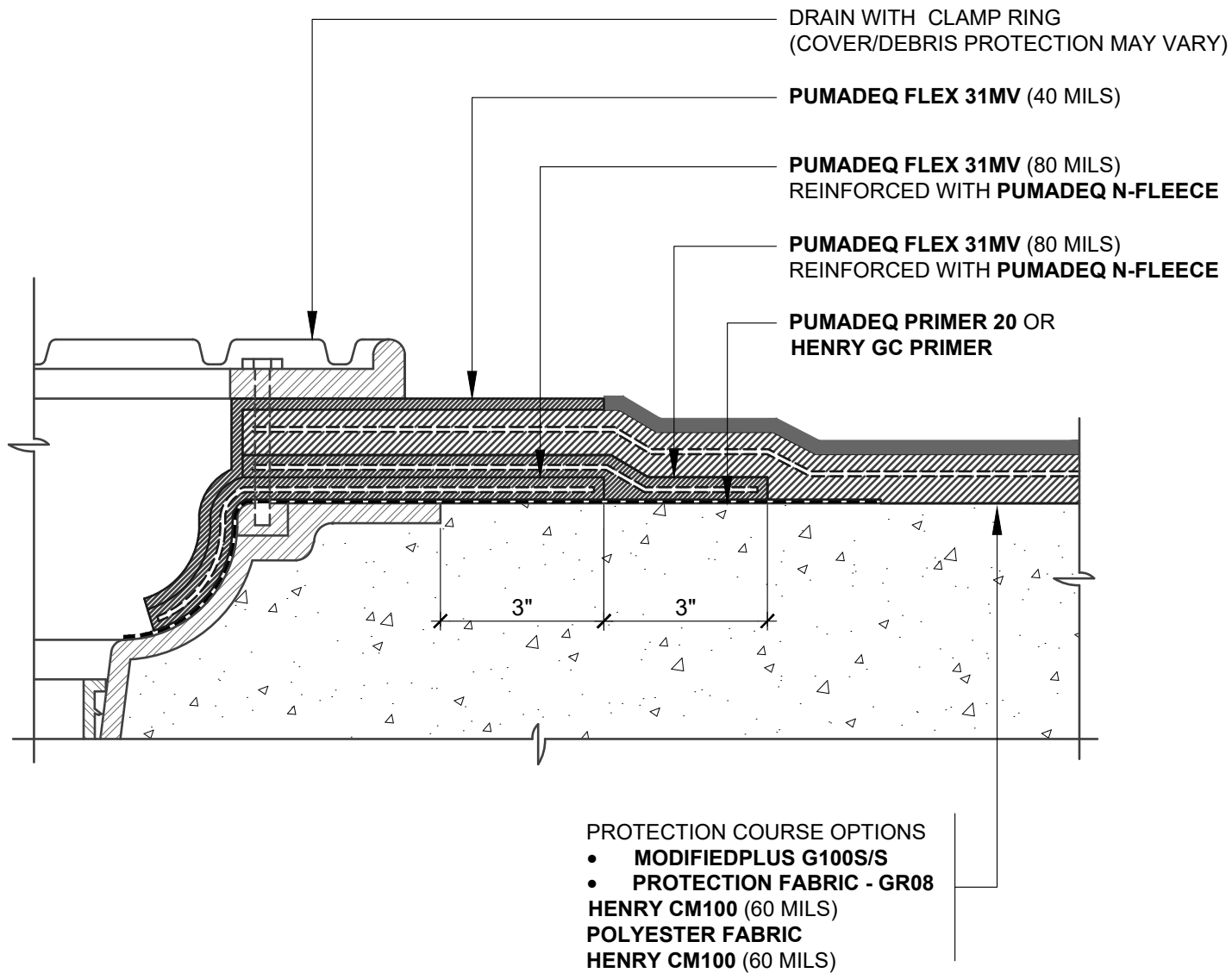
CURB FLASHING

CORNER FLASHING AT WINDOW SILL CURB
HENRY CM100 AND PUMADEC SYSTEM

SCALE: N.T.S.

07-08-2019

CM100-TID-3C5



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

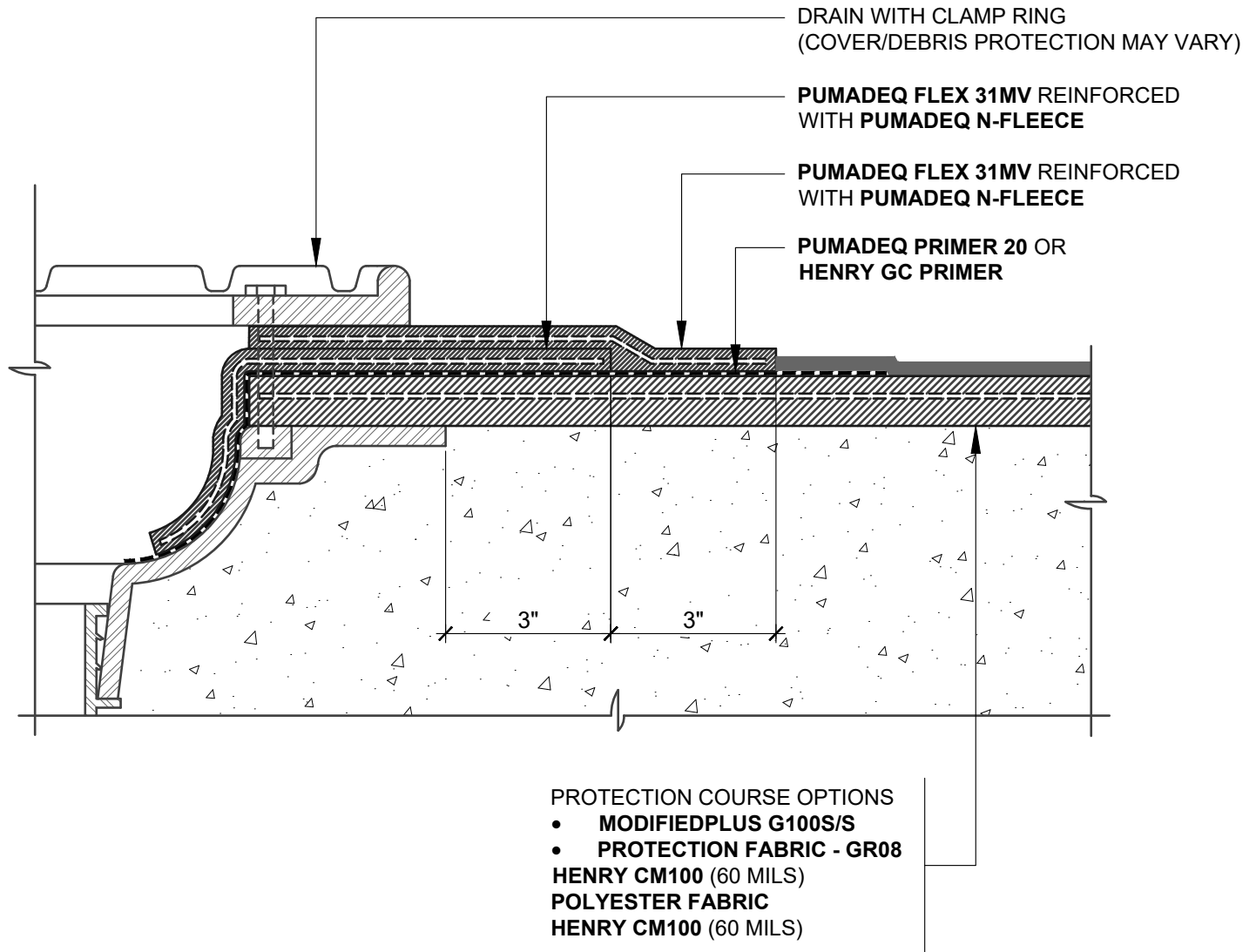
DRAIN -CLAMPING RING

**FLASHING AT DRAIN WITH CLAMPING RING
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3D1



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
3. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
4. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

HENRY CM100 AND PUMADEC SYSTEM TIE IN

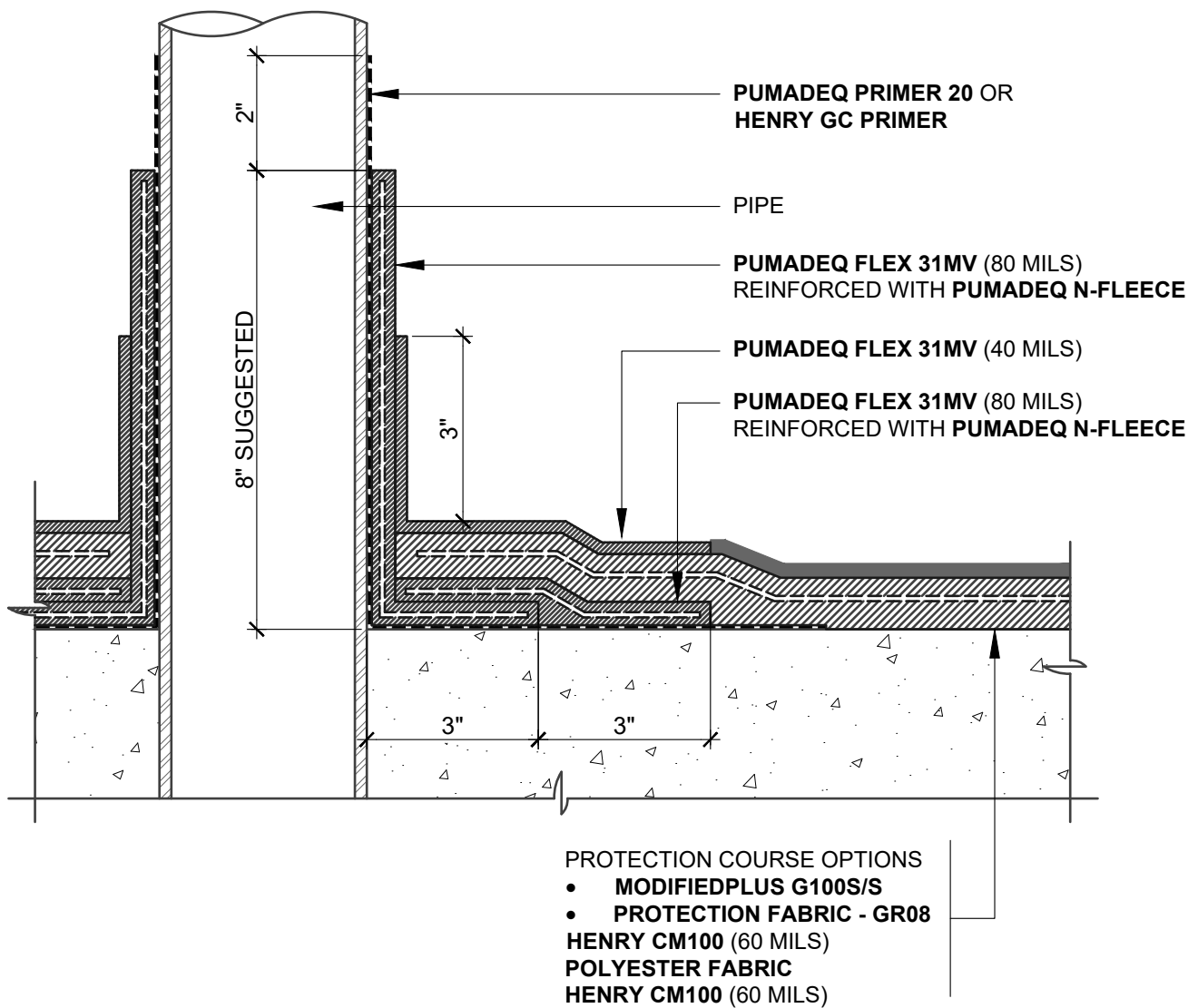
DRAIN -CLAMPING RING

**FLASHING AT DRAIN WITH CLAMPING RING
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3D2



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

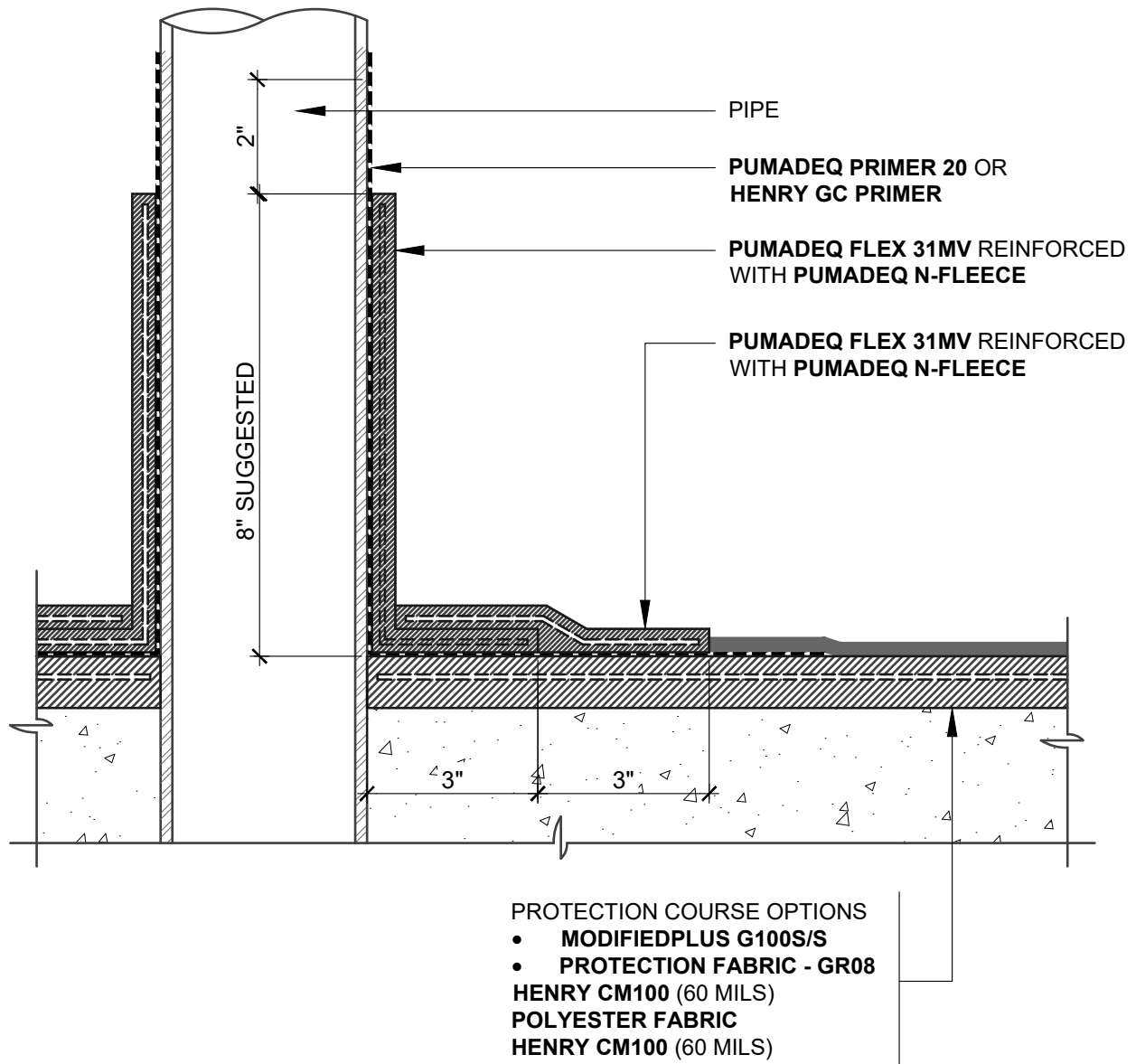
HENRY CM100 AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

08-26-2019

CM100-TID-3P1



NOTES:

1. DETAIL SHOWS **HENRY CM100** REINFORCED COLD FLUID-APPLIED WATERPROOFING ASSEMBLY TRANSITION WITH HENRY **PUMADEC SYSTEM** FLASHING. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC SYSTEM** APPLICATION IN ACCORDANCE WITH HENRY **PUMADEC SYSTEM** SUBSTRATE PREPARATION GUIDELINES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATE WITH **PUMADEC FLEX 31MV**.
5. HENRY OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS. CONTACT HENRY FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PRODUCT SPECIFIC GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry[®]

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

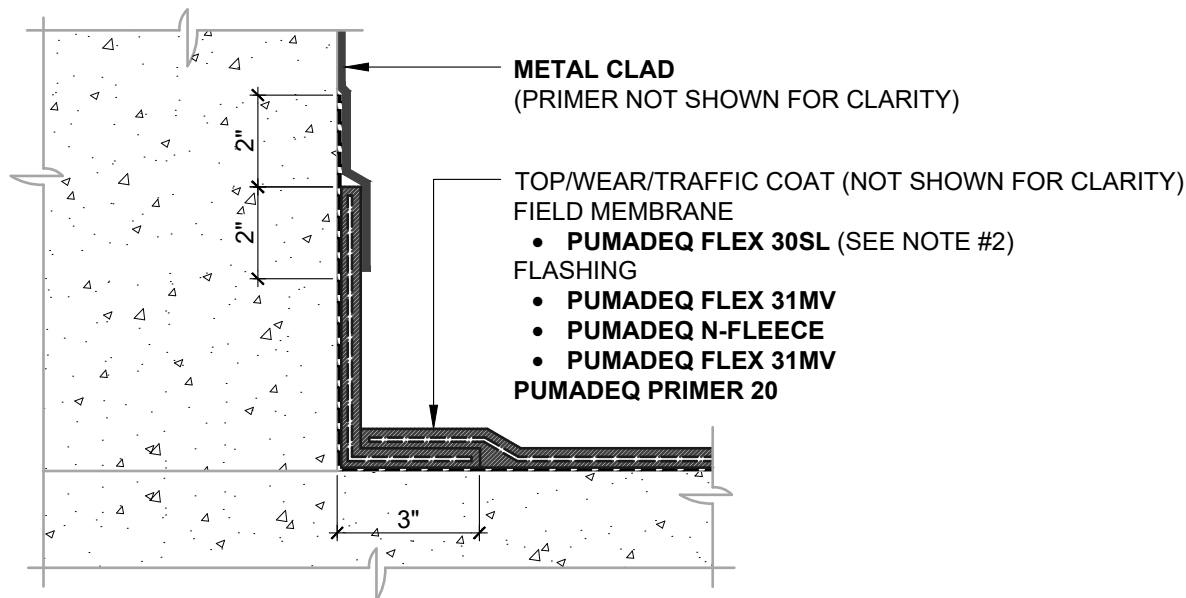
HENRY CM100 AND PUMADEC SYSTEM TIE IN

**PIPE PENETRATION
FLASHING ON A HORIZONTAL SUBSTRATE
HENRY CM100 AND PUMADEC SYSTEM**

SCALE: N.T.S.

07-08-2019

CM100-TID-3P2



AIR BARRIER INSTALLED AFTER PUMADEC SYSTEM

N.T.S

METAL CLAD
(PRIMER NOT SHOWN FOR CLARITY)

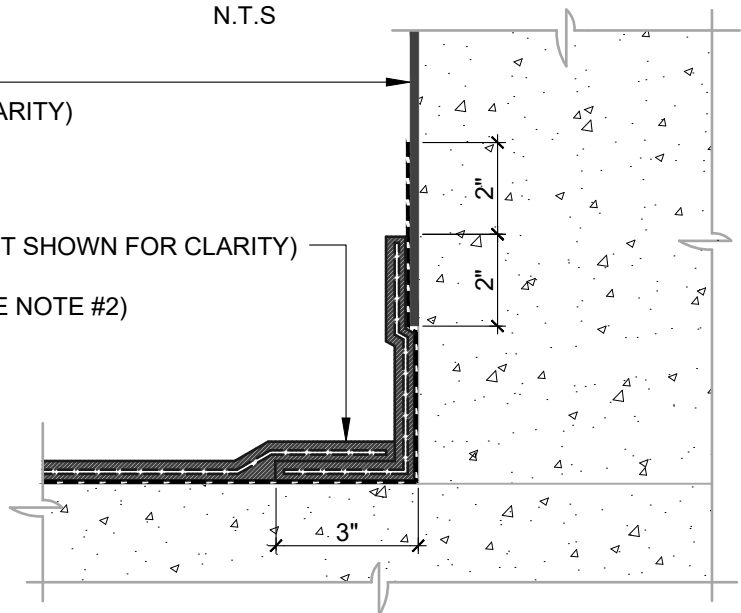
TOP/WEAR/TRAFFIC COAT (NOT SHOWN FOR CLARITY)
FIELD MEMBRANE

- PUMADEC FLEX 30SL (SEE NOTE #2)

FLASHING

- PUMADEC FLEX 31MV
- PUMADEC N-FLEECE
- PUMADEC FLEX 31MV

PUMADEC PRIMER 20



AIR BARRIER INSTALLED BEFORE PUMADEC SYSTEM

N.T.S

NOTES:

1. DETAIL SHOWS **METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER** AND **HENRY PUMADEC SYSTEM** TRANSITION. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) FOR PRODUCT SPECIFIC ACCEPTABLE SUBSTRATES.
2. TRANSITION DETAIL IS SUITABLE FOR BOTH REINFORCED AND UNREINFORCED **PUMADEC SYSTEM** FIELD MEMBRANE APPLICATIONS. TOP, WEAR, AND TRAFFIC COATING NOT SHOWN FOR CLARITY. REFER TO **PUMADEC SYSTEM** DETAILS FOR FURTHER CLARITY.
3. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS), GUIDE SPECIFICATION AND INSTALLATION MANUAL FOR INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

METAL CLAD TIE-IN TO PUMADEC SYSTEM

TIE-IN DETAIL

EXPOSED FLASHING
PUMADEC 31MV

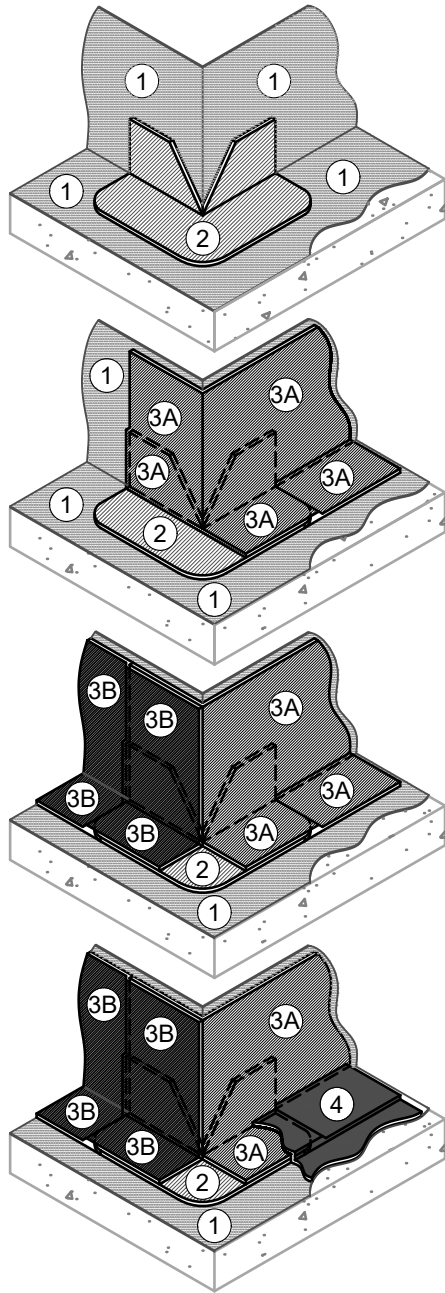
SCALE: N.T.S.

06-24-2019

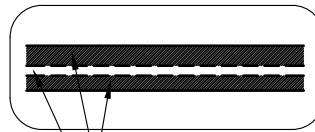
MTCLD-TID3A

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
REINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 30SL REINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

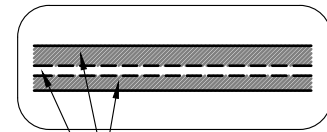


**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

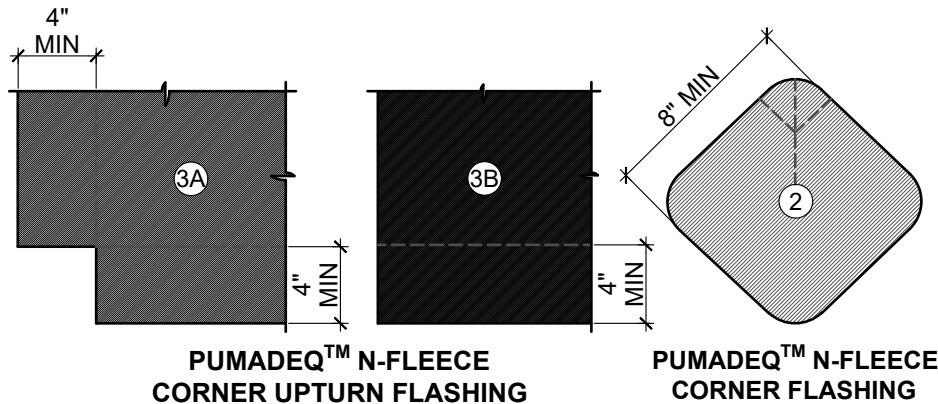


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

**PUMADEQ™ FLEX 30SL
REINFORCED FIELD MEMBRANE**



PUMADEQ™ FLEX 30SL
PUMADEQ™ N-FLEECE



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH PUMADEQ™ RESIN.
5. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

OUTSIDE CORNERS

**REINFORCED FIELD MEMBRANE
CORNER FLASHING AT UPTURN**

SCALE: N.T.S.

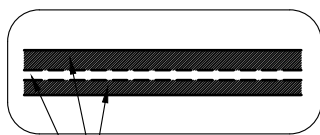
04-26-2019

PUMADEQ-C1A

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
REINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

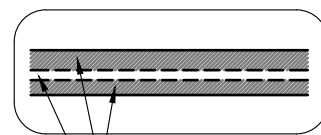
- ① PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING
- ③ PUMADEQ™ FLEX 31MV REINFORCED CORNER FLASHING (3A AND 3B)
- ④ PUMADEQ™ FLEX 30SL REINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY REFER TO PUMADEQ™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEQ™ GRIP 40 WEAR COAT

**PUMADEQ™ FLEX 31MV
REINFORCED FLASHING**

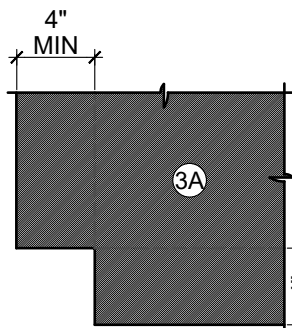
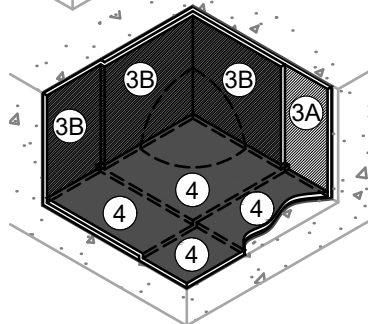
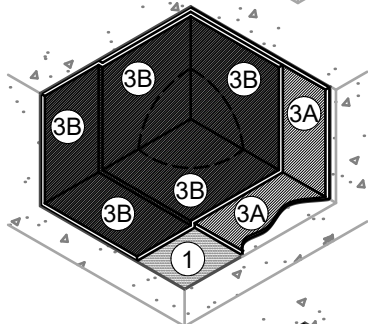
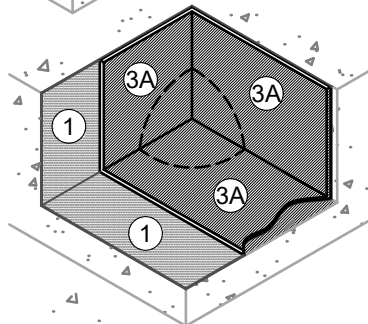
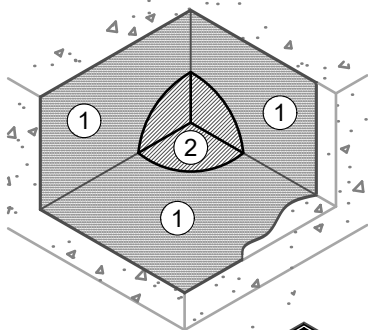


PUMADEQ™ FLEX 31MV
PUMADEQ™ N-FLEECE

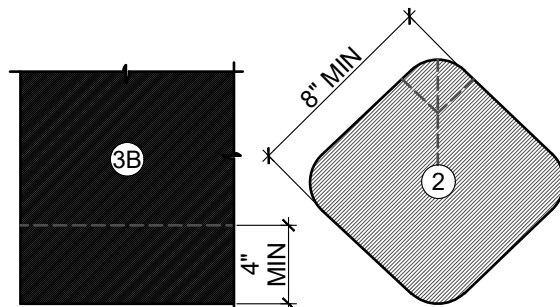
**PUMADEQ™ FLEX 30SL
REINFORCED FIELD MEMBRANE**



PUMADEQ™ FLEX 30SL
PUMADEQ™ N-FLEECE



**PUMADEQ™ N-FLEECE
CORNER UPTURN FLASHING**



**PUMADEQ™ N-FLEECE
CORNER FLASHING**

NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH PUMADEQ™ RESIN.
5. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

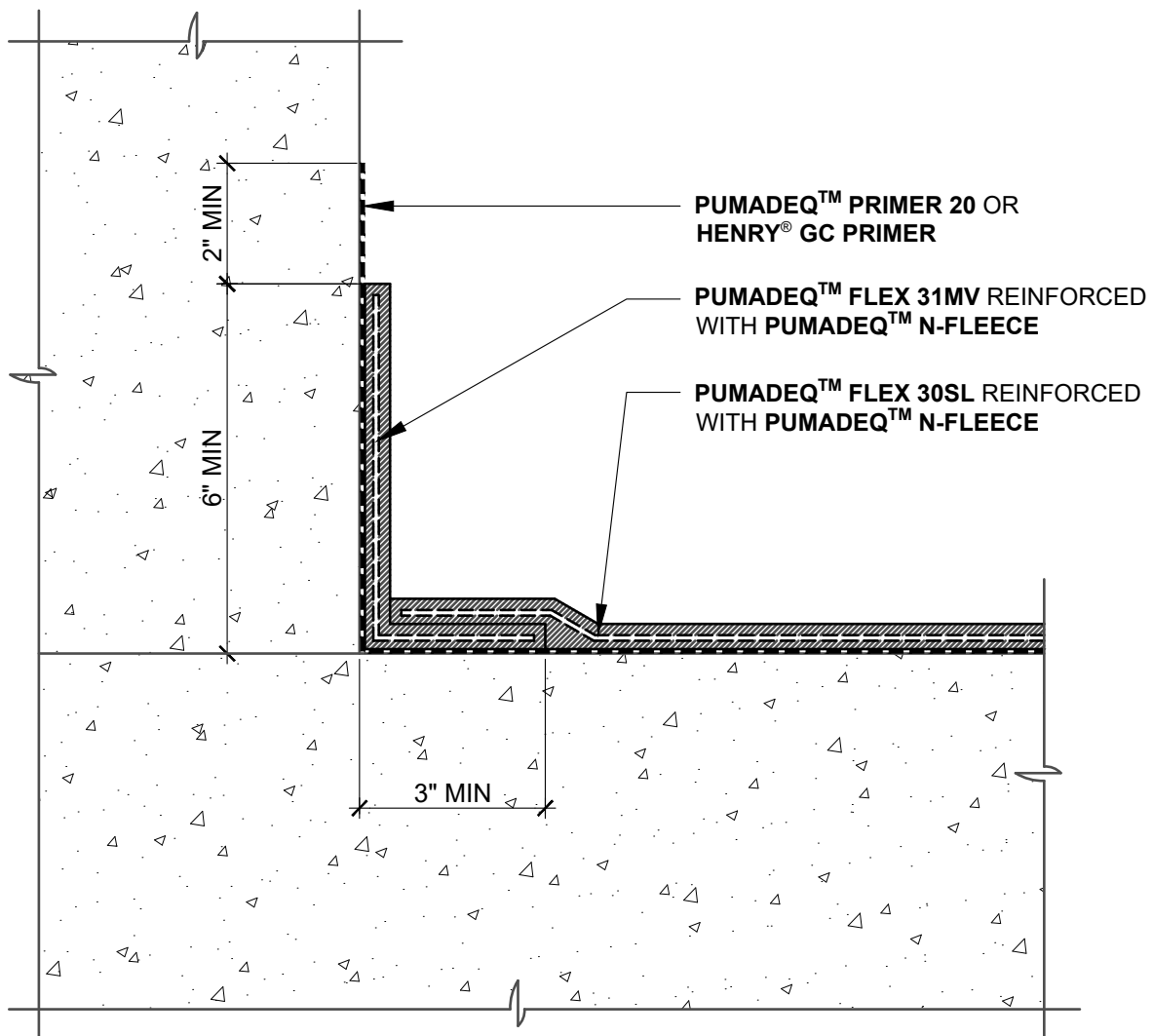
INSIDE CORNERS

**REINFORCED FIELD MEMBRANE
CORNER FLASHING AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEQ-C2A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

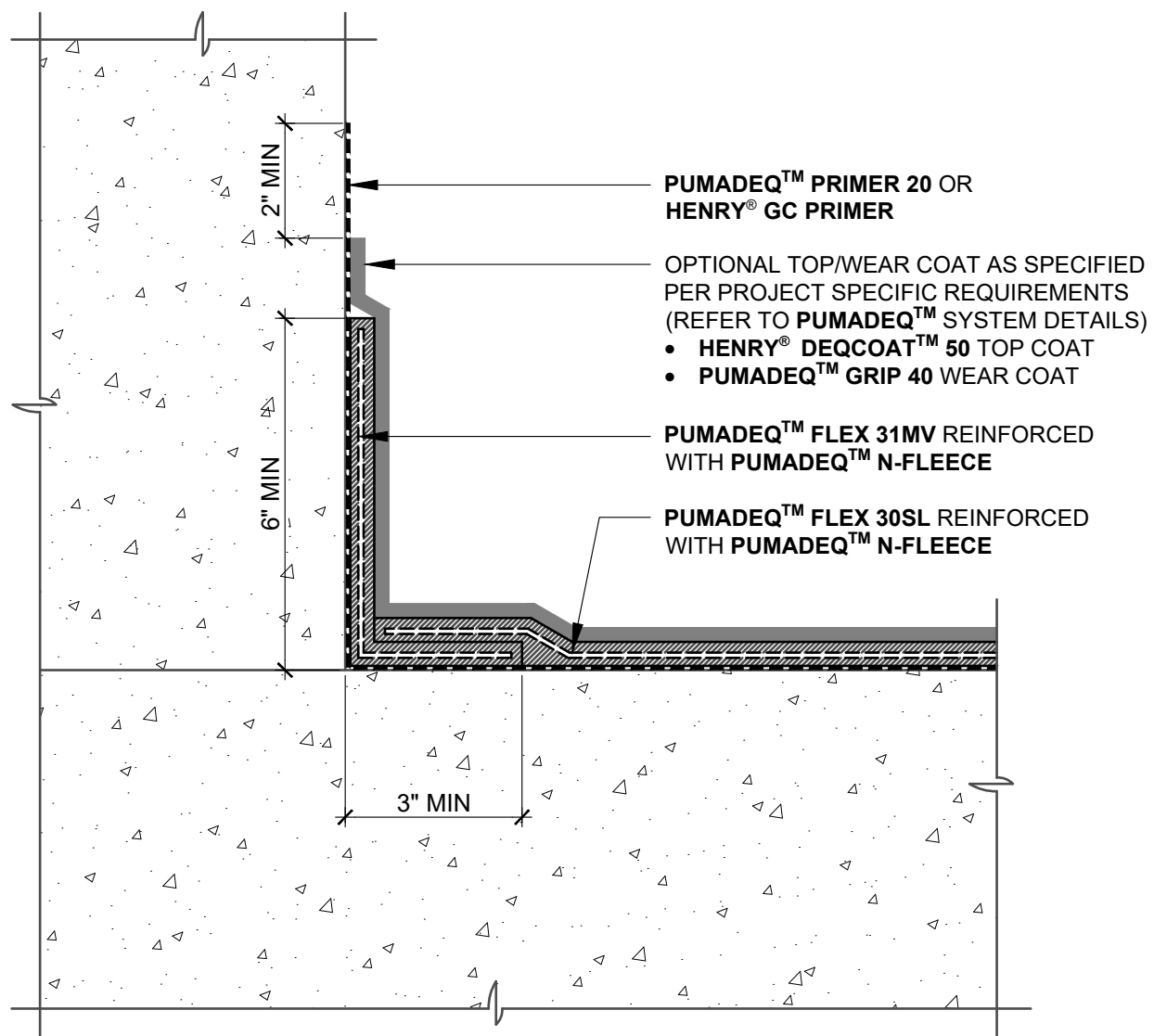
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
REINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB

SCALE: N.T.S.

04-26-2019

PUMADEC-C3A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEQ™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

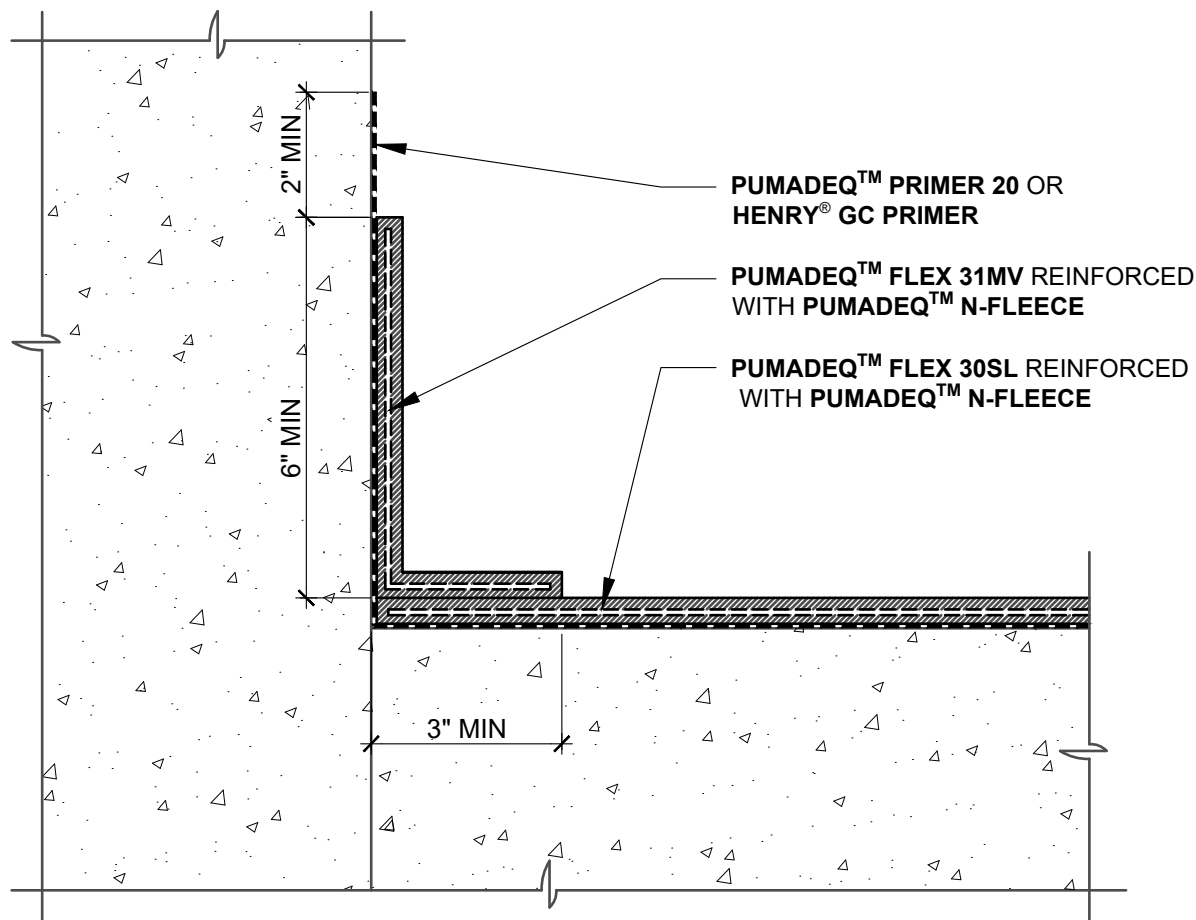
CURB FLASHING

**REINFORCED FIELD MEMBRANE
 UPTURN FLASHING AT CURB WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEQ-C3B



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

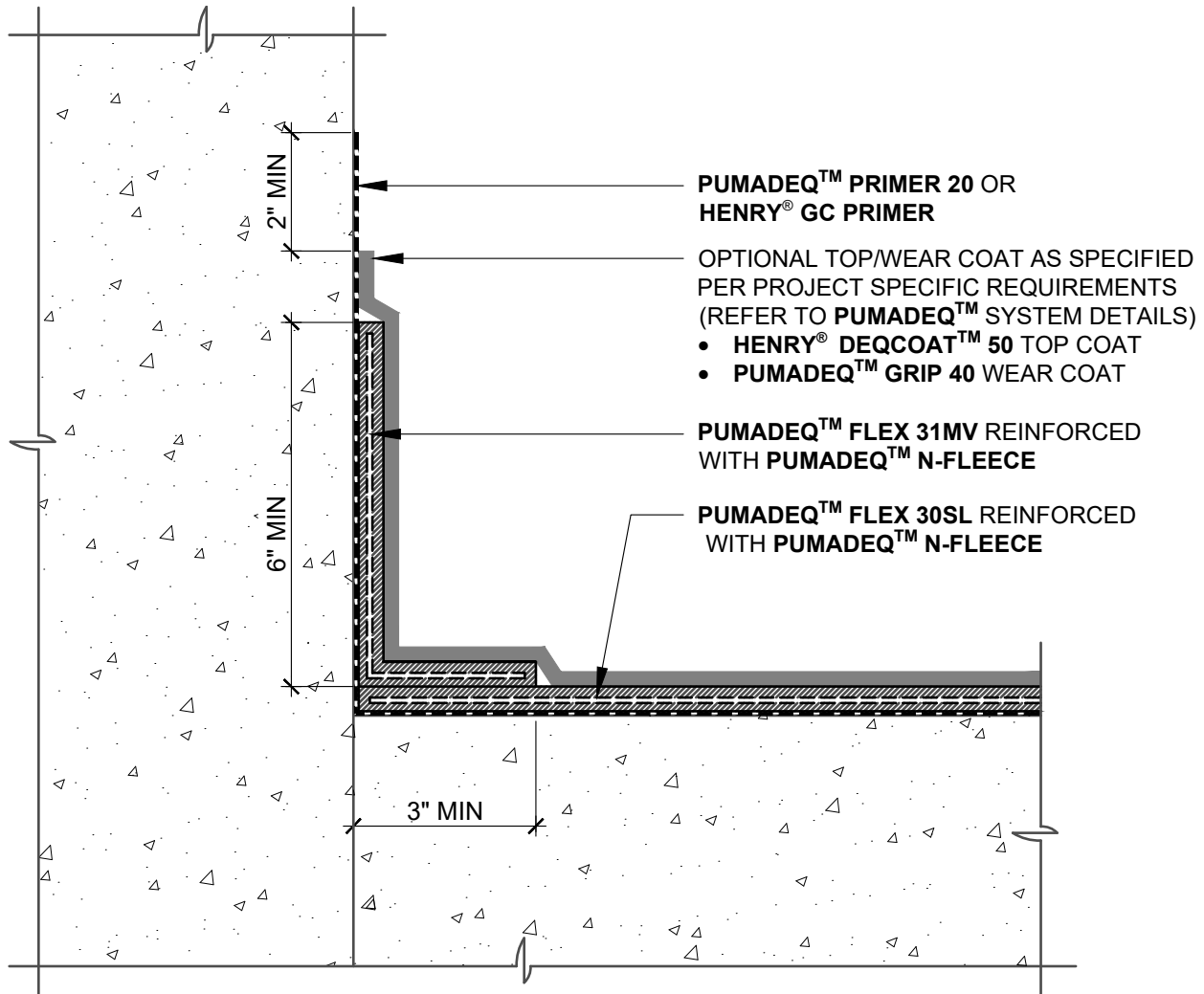
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
REINFORCED FIELD MEMBRANE
UPTURN FLASHING AT CURB

SCALE: N.T.S.

04-26-2019

PUMADEC-C3C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

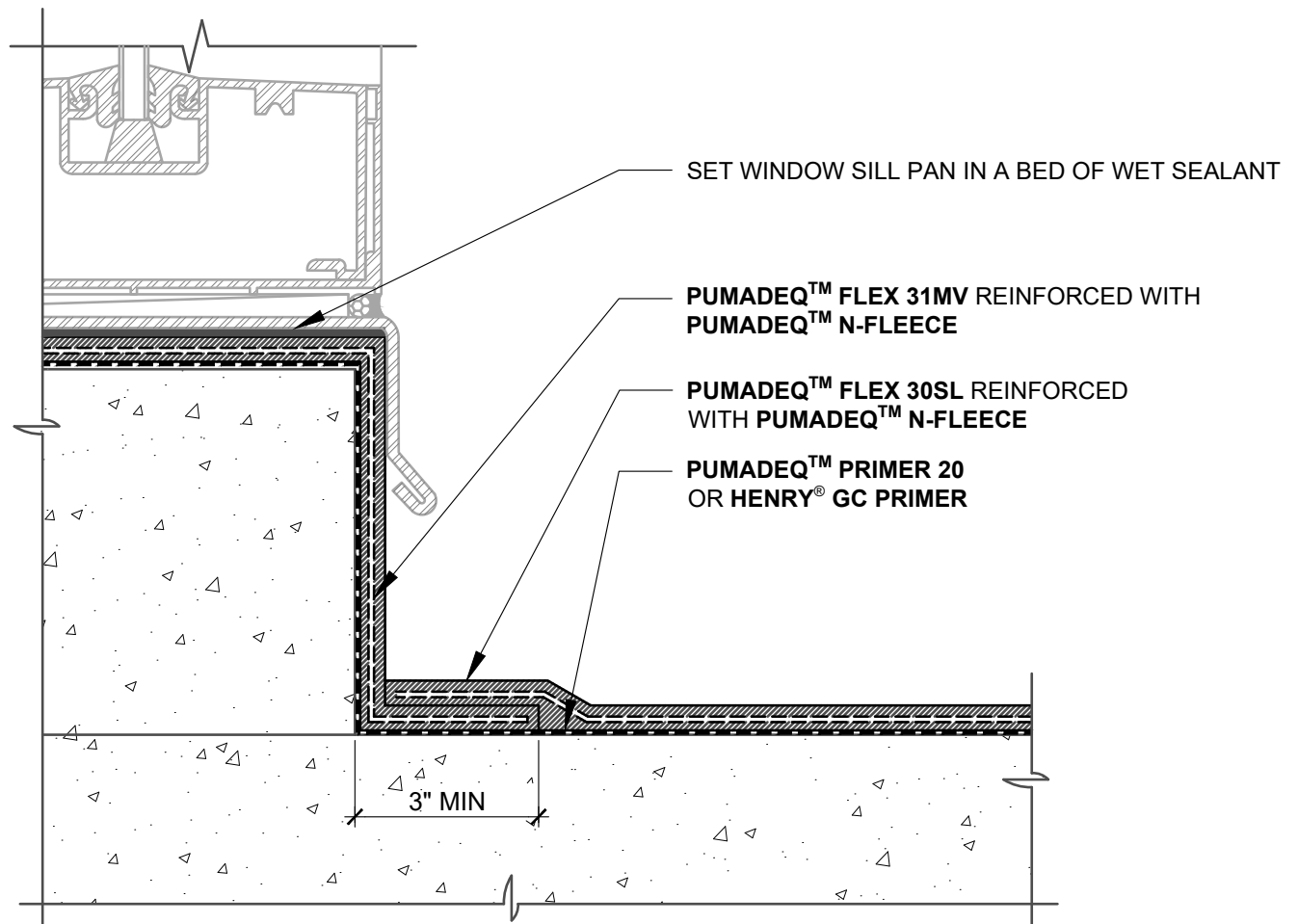
CURB FLASHING

**REINFORCED FIELD MEMBRANE UPTURN
 FLASHING AT CURB WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C3D



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

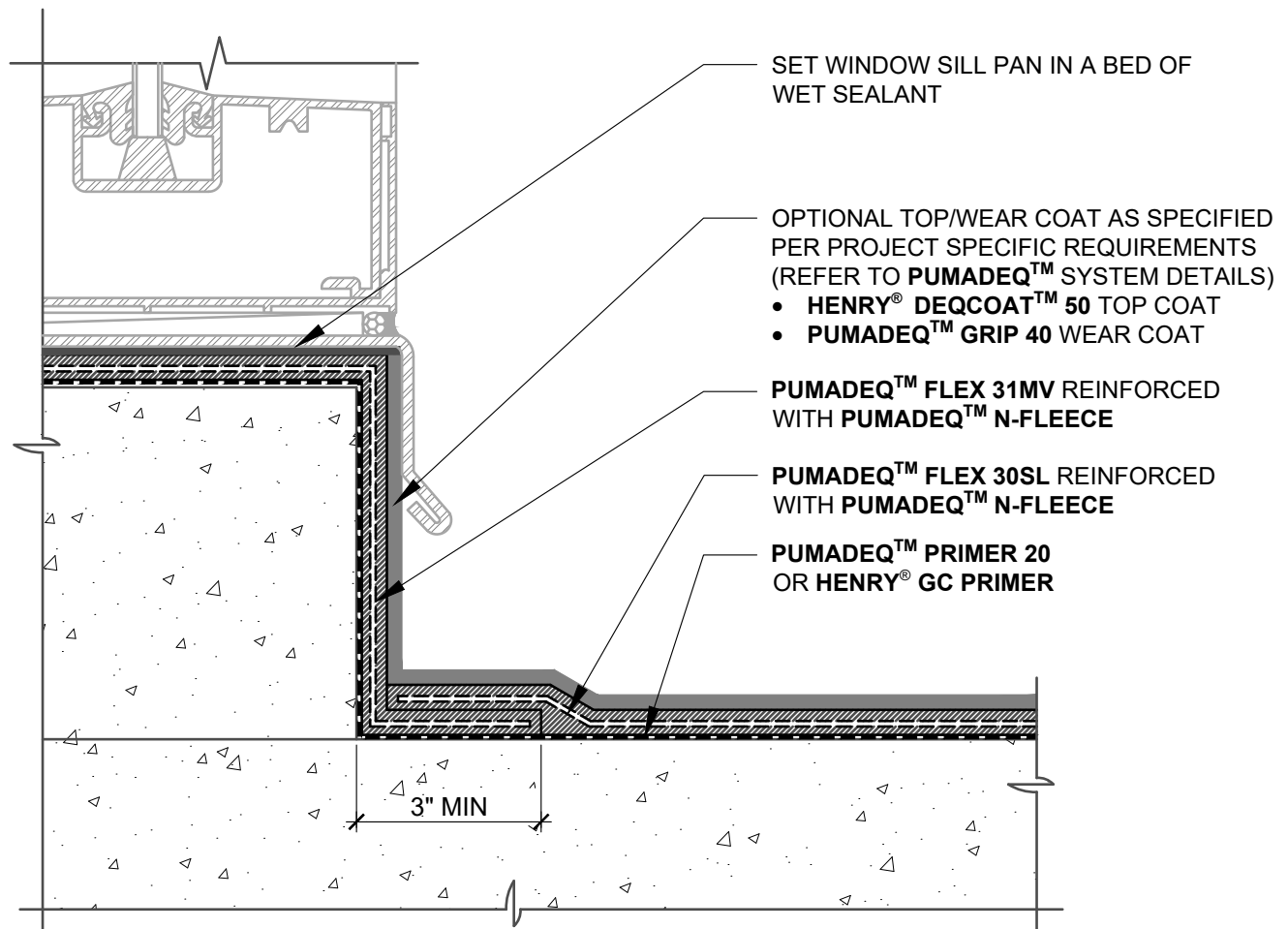
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

CURB FLASHING
REINFORCED FIELD MEMBRANE
UPTURN FLASHING AT WINDOW SILL

SCALE: N.T.S.

04-26-2019

PUMADEC-C3E



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

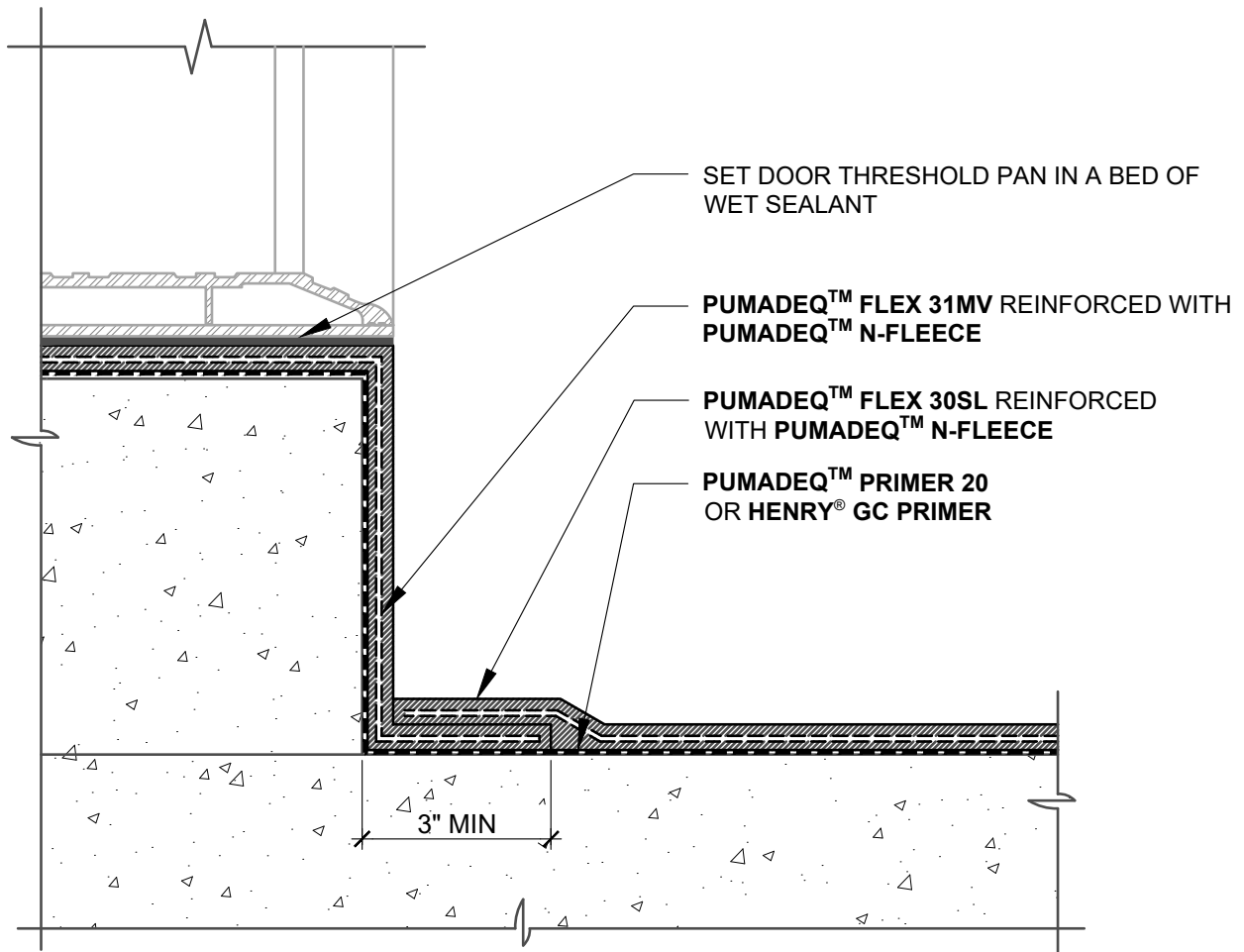
CURB FLASHING

**REINFORCED FIELD MEMBRANE UPTURN FLASHING
AT WINDOW SILL WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C3F



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

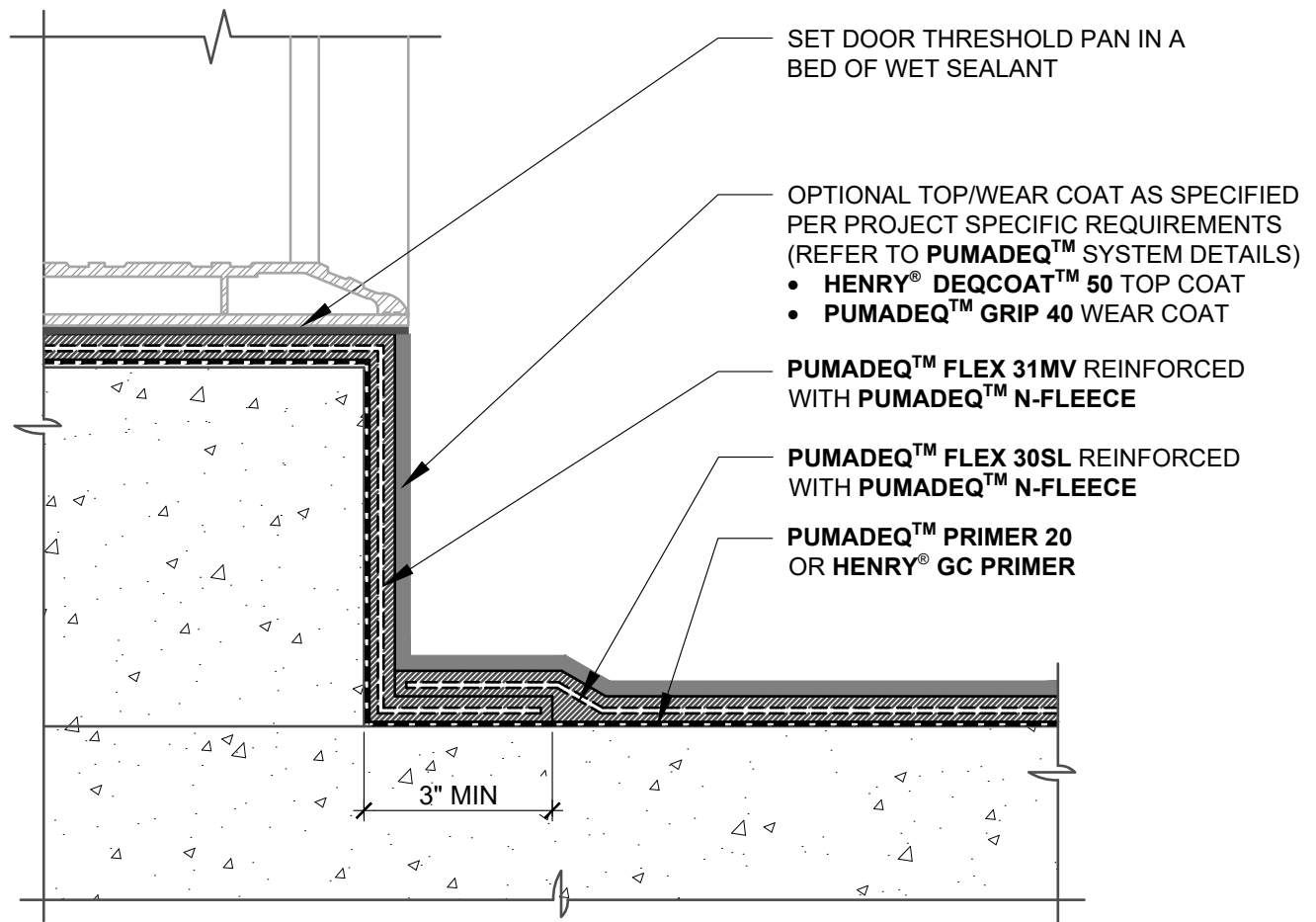
CURB FLASHING

**REINFORCED FIELD MEMBRANE
UPTURN FLASHING AT DOOR THRESHOLD**

SCALE: N.T.S.

04-26-2019

PUMADEC-C3G



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

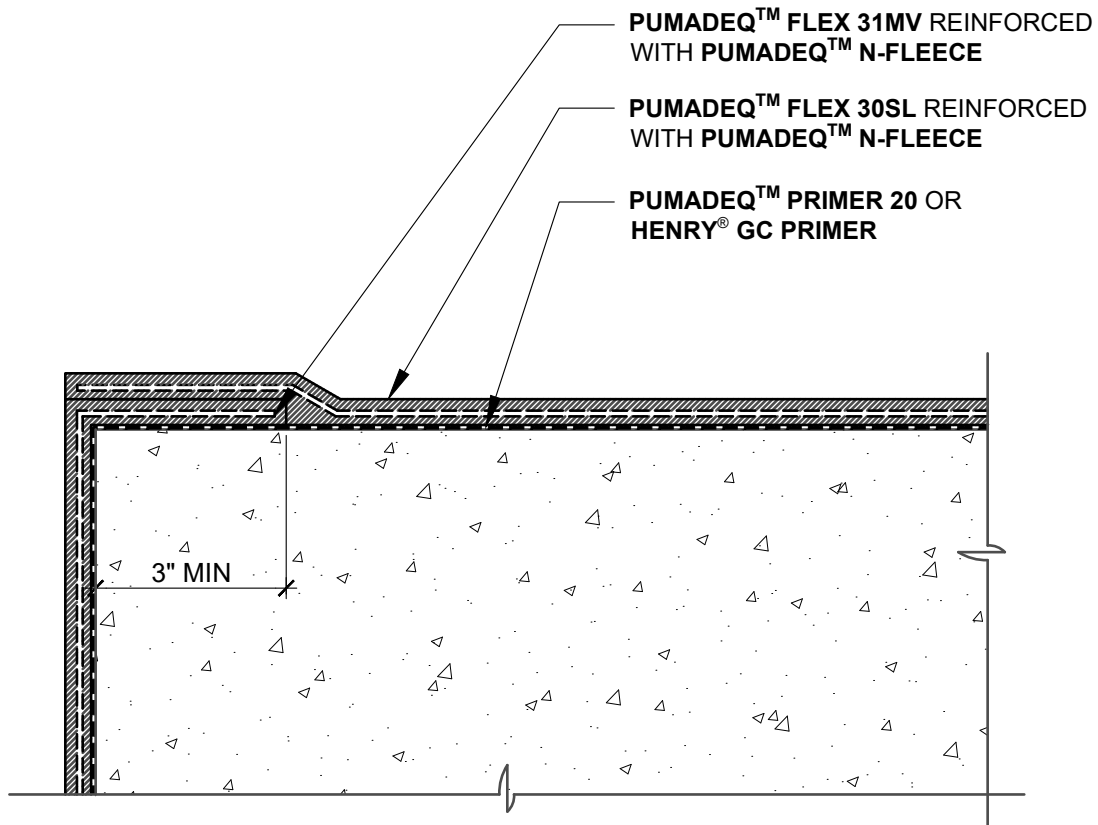
CURB FLASHING

**REINFORCED FIELD MEMBRANE UPTURN FLASHING
AT DOOR THRESHOLD WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-C3H



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

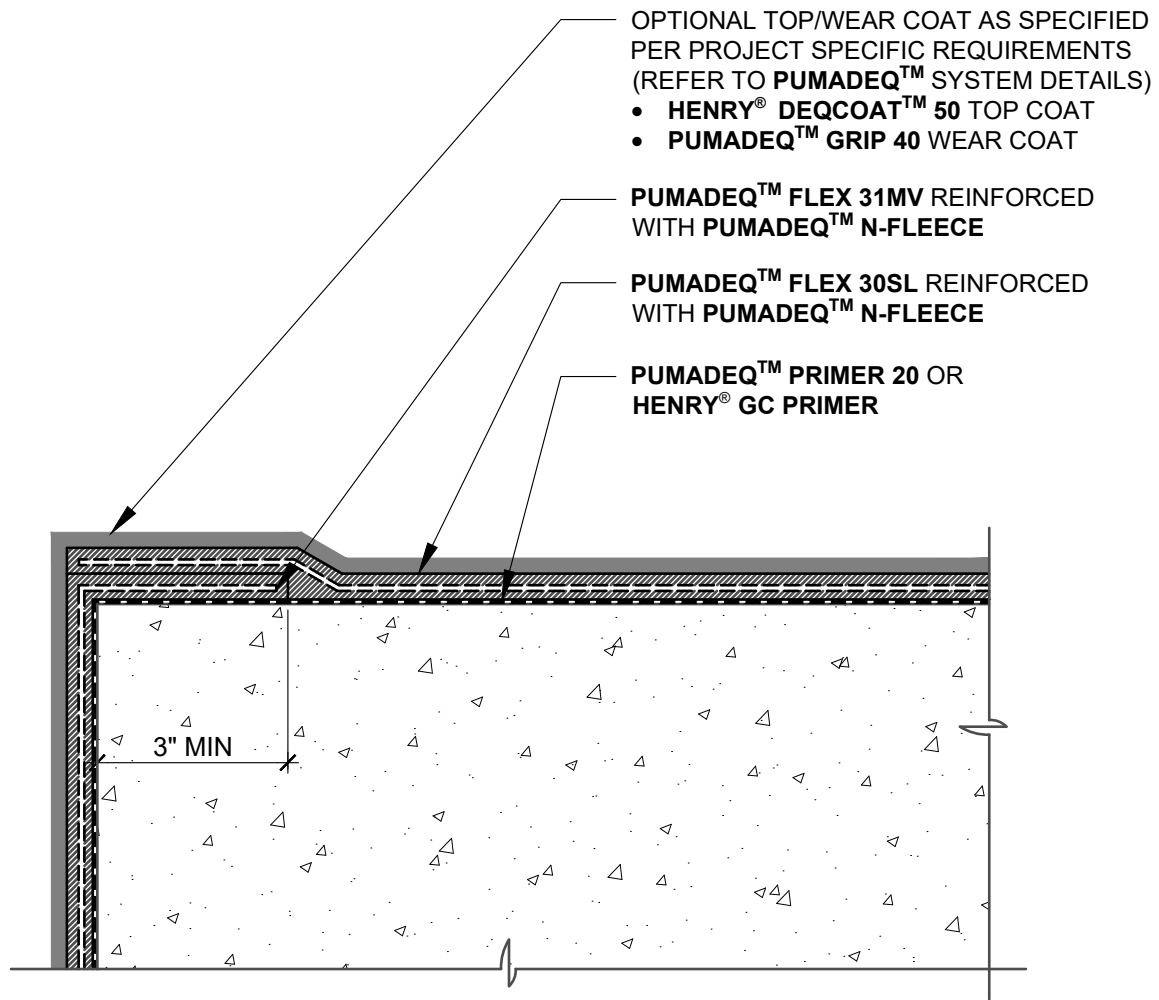
OUTSIDE CORNERS

**REINFORCED FIELD MEMBRANE
 CORNER FLASHING AT DOWNTURN**

SCALE: N.T.S.

04-26-2019

PUMADEC-C7A



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH **HENRY® PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SUBSTRATES WITH **PUMADEC™** RESIN.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

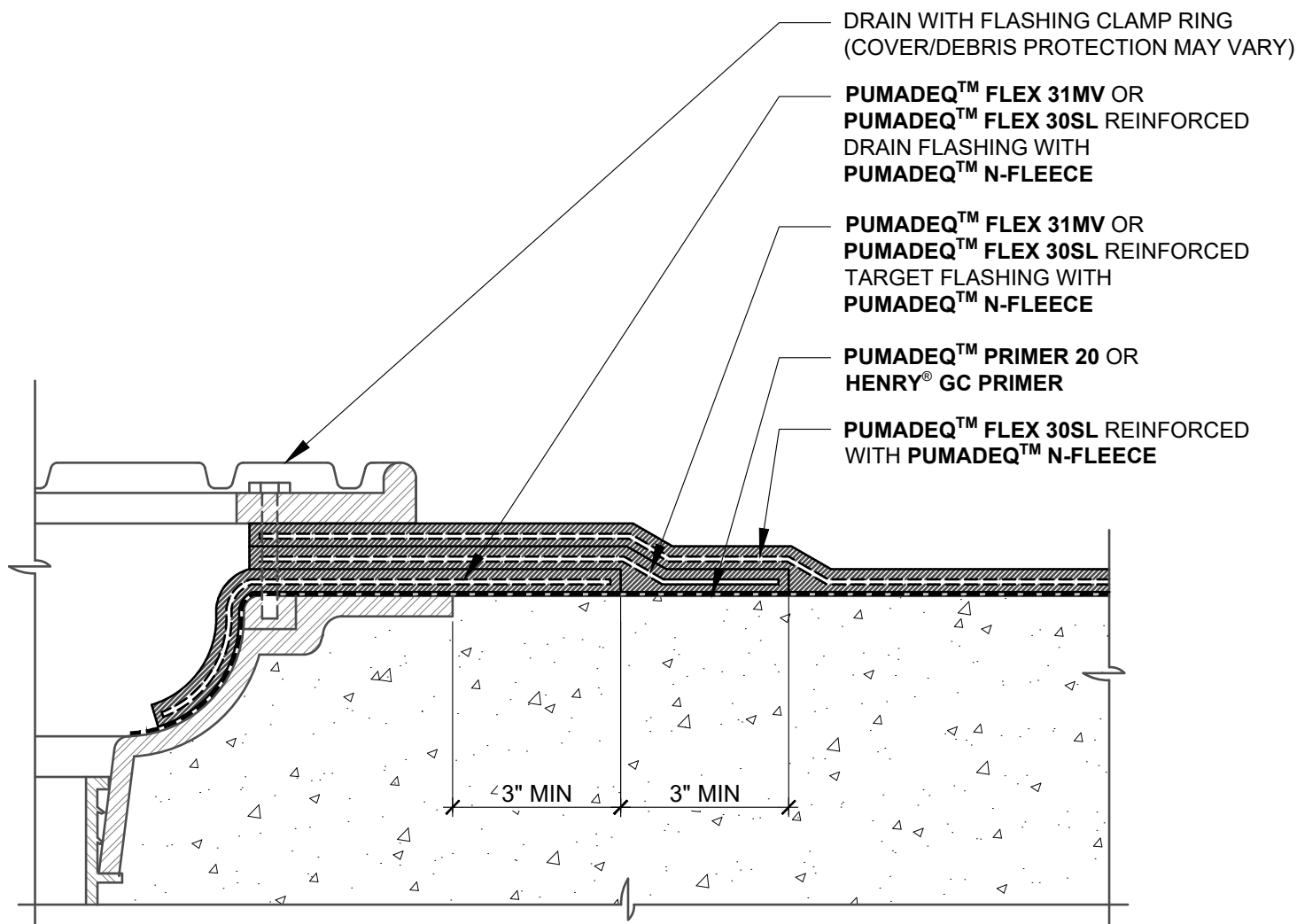
OUTSIDE CORNERS

REINFORCED FIELD MEMBRANE - CORNER FLASHING AT DOWNTURN WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-C7B



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

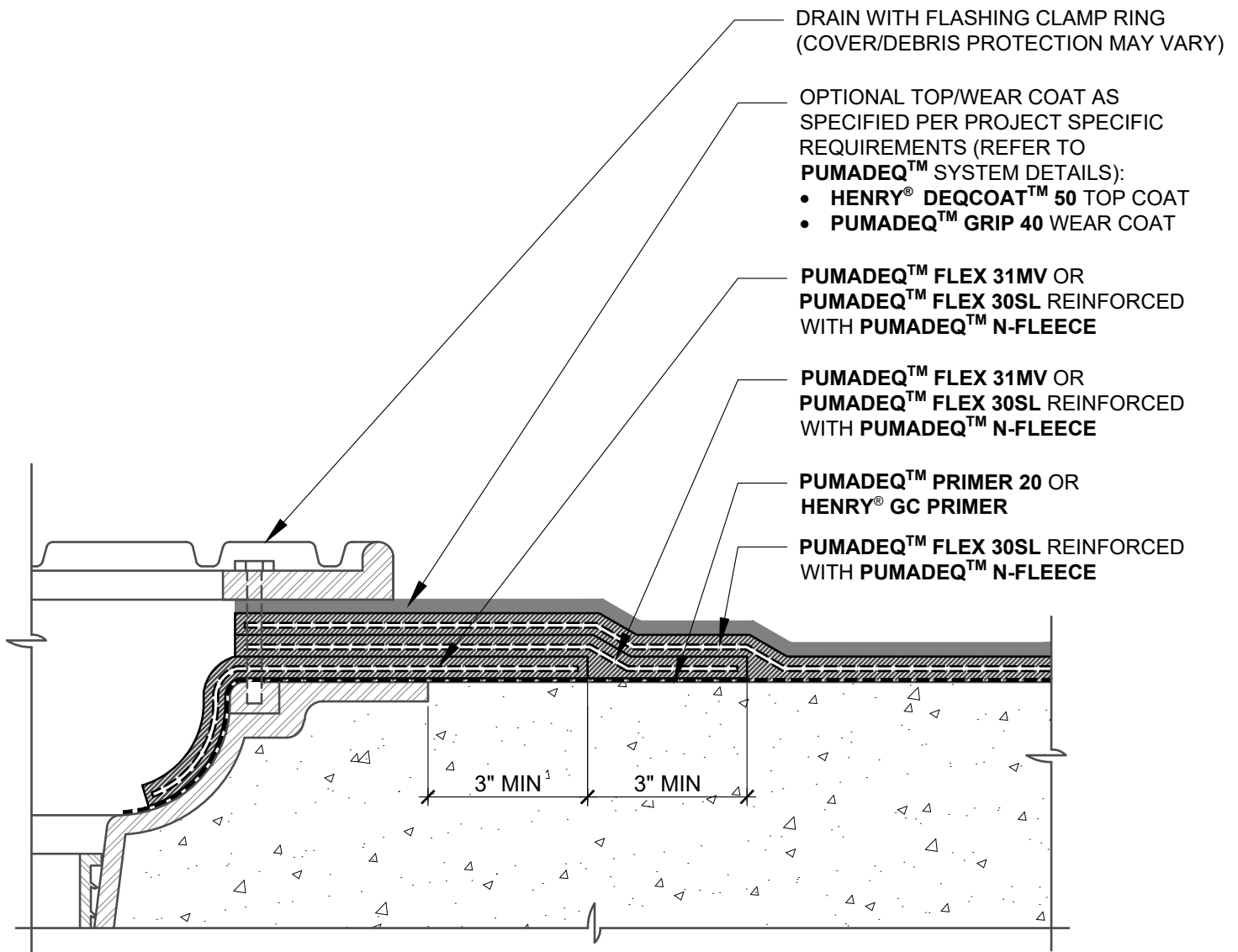
DRAIN - CLAMPING RING

**REINFORCED FIELD MEMBRANE
DRAIN WITH CLAMPING RING**

SCALE: N.T.S.

04-26-2019

PUMADEC-D1A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

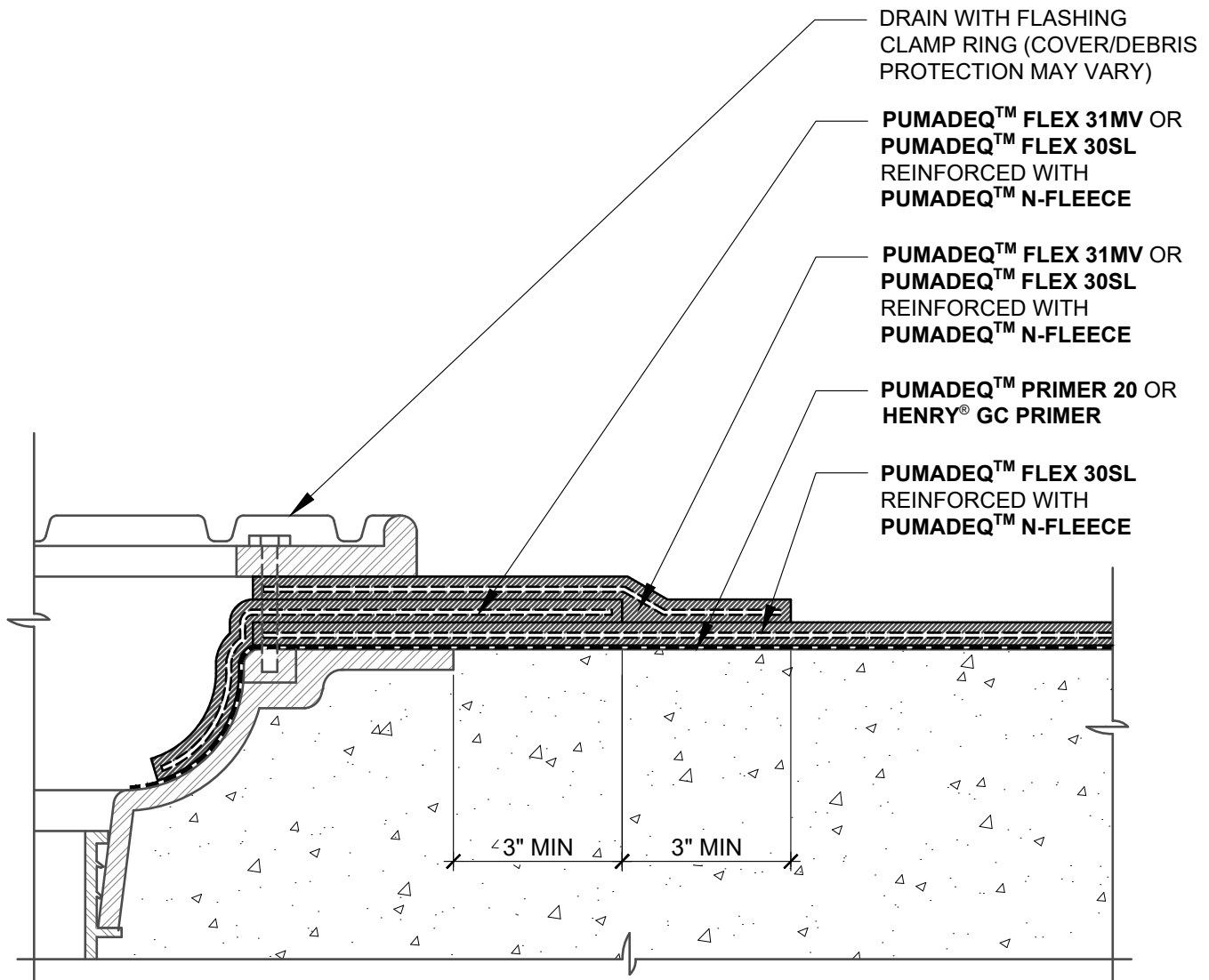
DRAIN - CLAMPING RING

**REINFORCED FIELD MEMBRANE
 DRAIN WITH CLAMPING RING WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-D1B



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

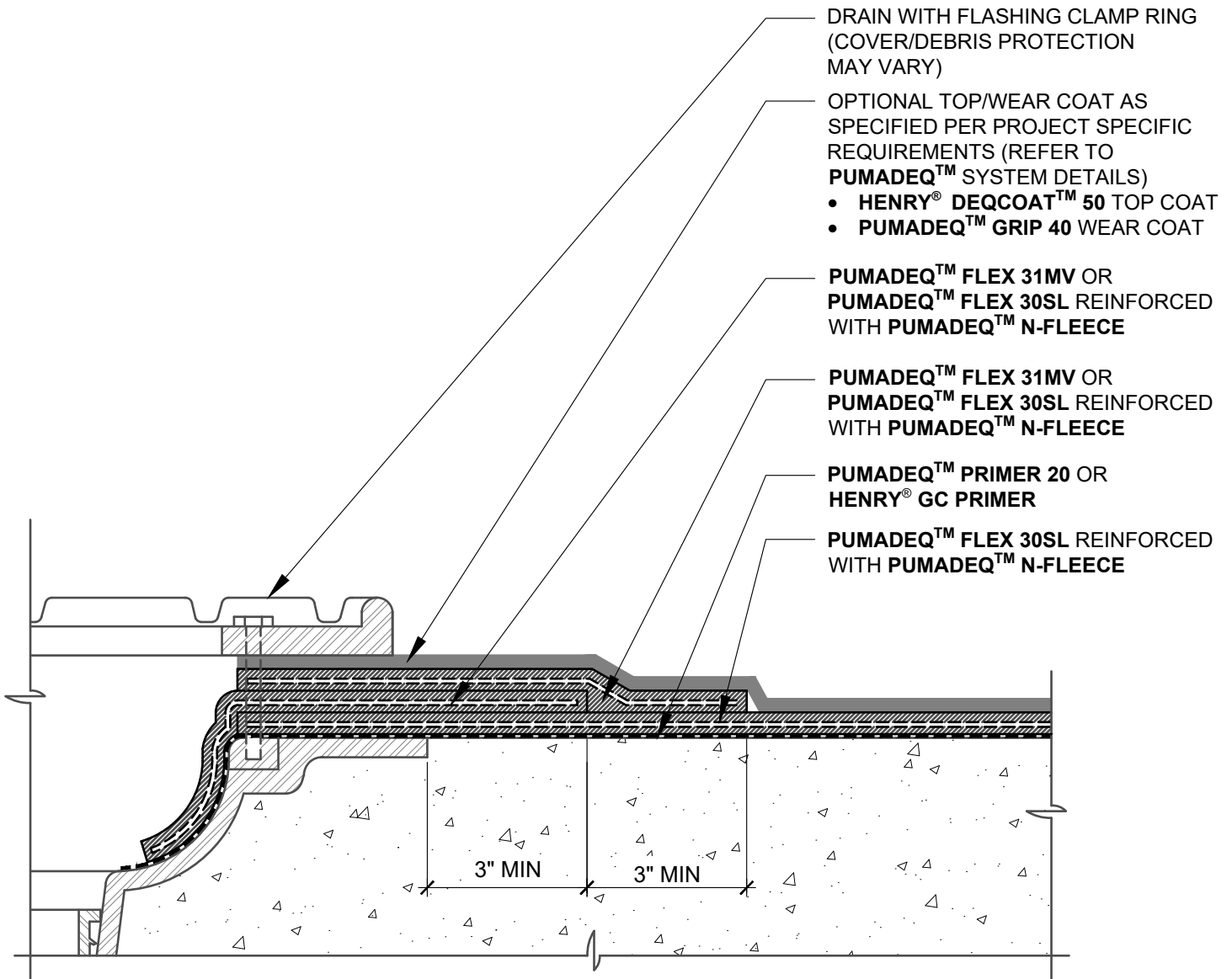
DRAIN - CLAMPING RING

**REINFORCED FIELD MEMBRANE
DRAIN WITH CLAMPING RING**

SCALE: N.T.S.

04-26-2019

PUMADEC-D2A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

DRAIN - CLAMPING RING

**REINFORCED FIELD MEMBRANE - DRAIN WITH
CLAMPING RING WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-D2B

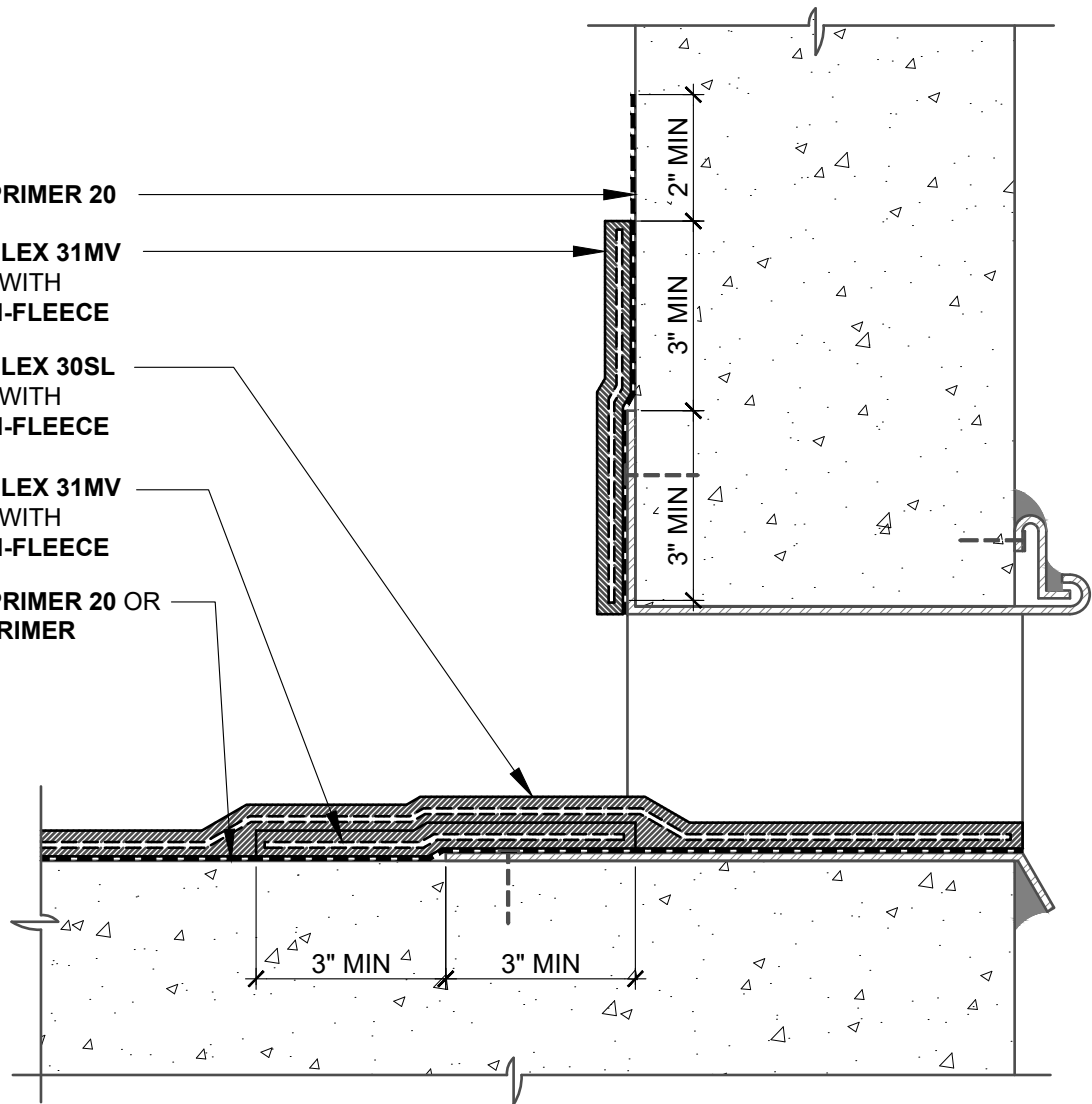
PUMADEC™ PRIMER 20

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ FLEX 30SL
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ PRIMER 20 OR
HENRY® GC PRIMER



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SCUPPER
REINFORCED FIELD MEMBRANE
THRU-WALL SCUPPER FLASHING

SCALE: N.T.S.

04-26-2019

PUMADEC-D3C

PUMADEC™ PRIMER 20

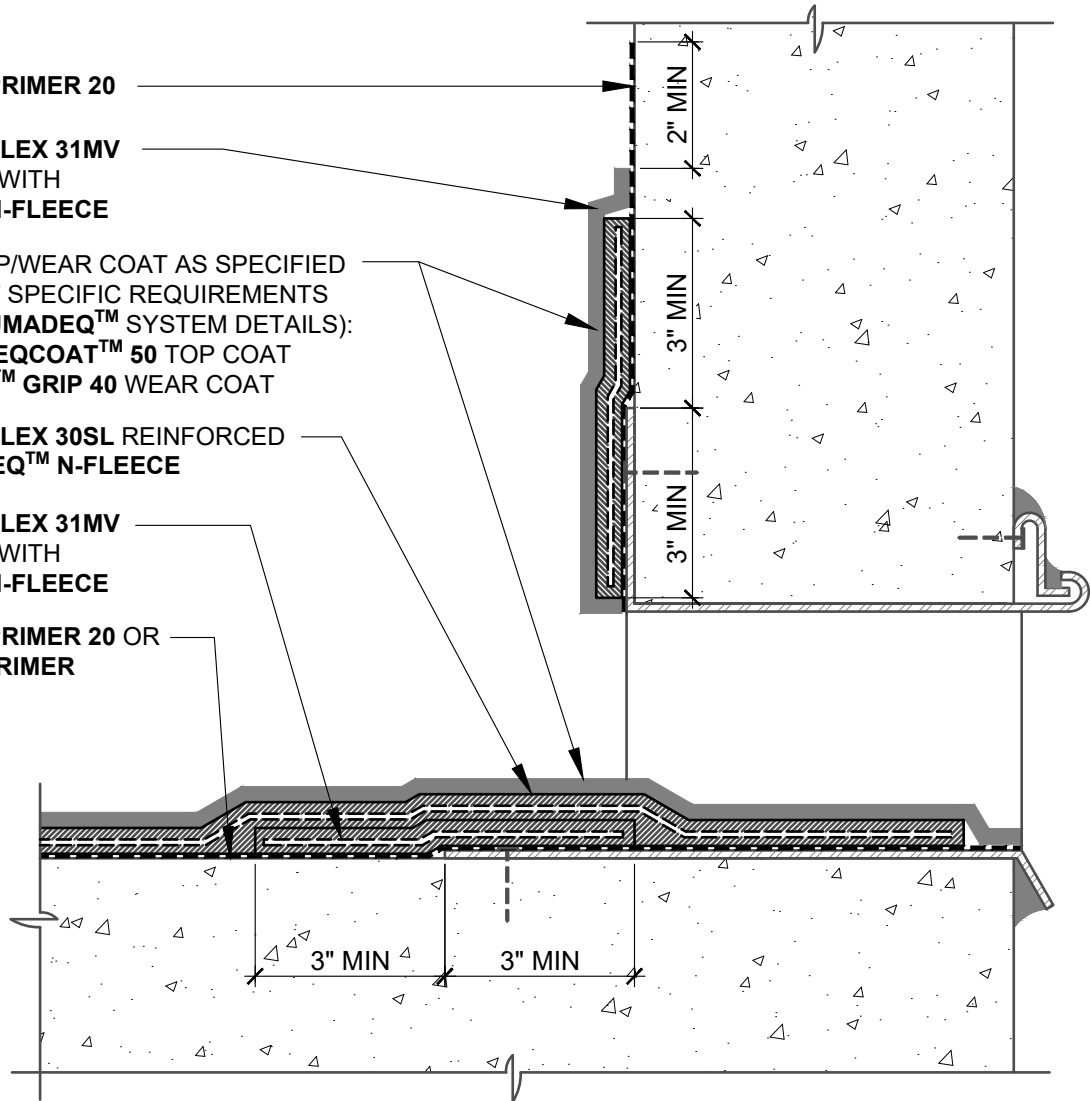
PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

OPTIONAL TOP/WEAR COAT AS SPECIFIED
PER PROJECT SPECIFIC REQUIREMENTS
(REFER TO PUMADEC™ SYSTEM DETAILS):
• HENRY® DEQCOAT™ 50 TOP COAT
• PUMADEC™ GRIP 40 WEAR COAT

PUMADEC™ FLEX 30SL REINFORCED
WITH PUMADEC™ N-FLEECE

PUMADEC™ FLEX 31MV
REINFORCED WITH
PUMADEC™ N-FLEECE

PUMADEC™ PRIMER 20 OR
HENRY® GC PRIMER



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

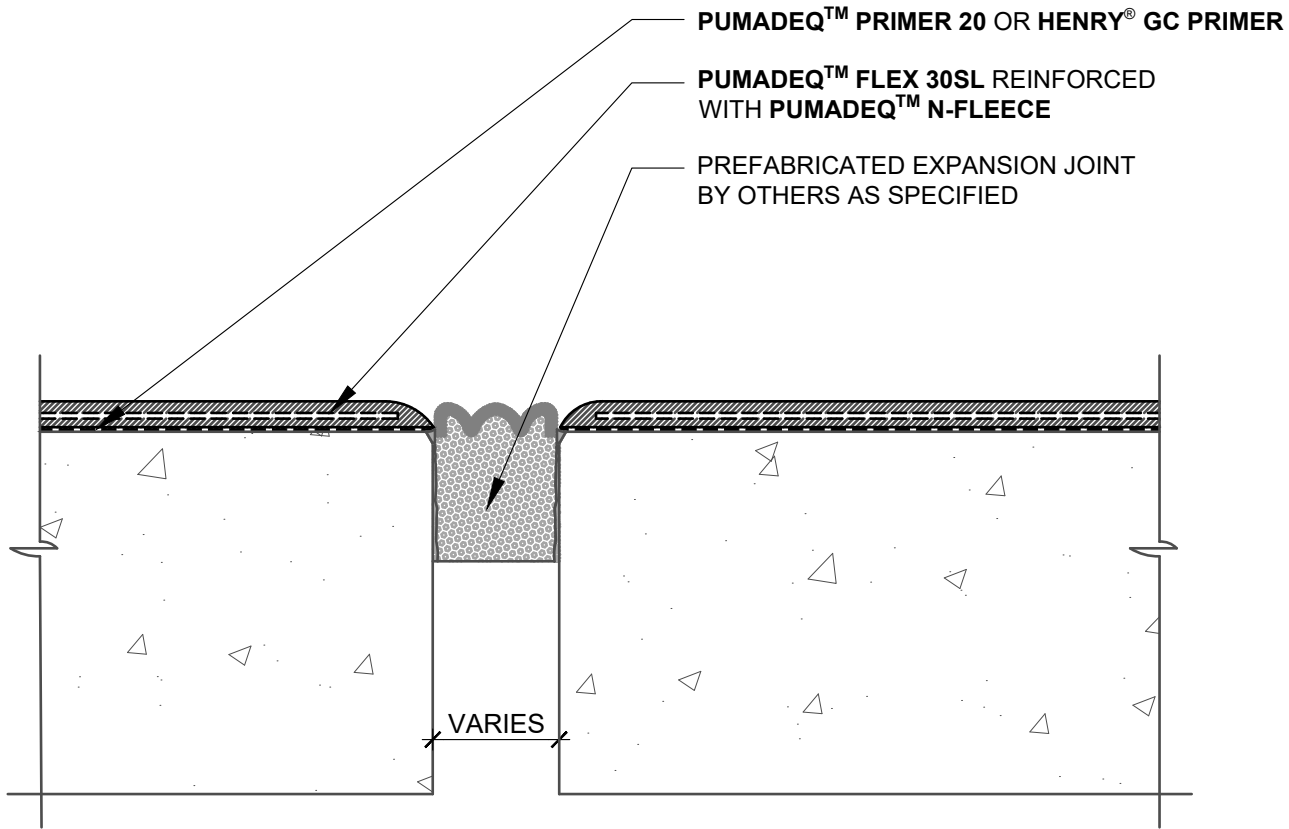
SCUPPER

REINFORCED FIELD MEMBRANE - THRU-WALL
SCUPPER FLASHING WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-D3D



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DETAIL IS FOR REFERENCE ONLY. CONTACT EXPANSION JOINT MANUFACTURER FOR PROJECT SPECIFIC REQUIREMENTS.
3. EXPANSION JOINT MANUFACTURED AND INSTALLED BY OTHERS AS SPECIFIED. CONTACT HENRY® FOR PROJECT SPECIFIC COORDINATION OF **PUMADEC™** SYSTEM WITH EXPANSION JOINT.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

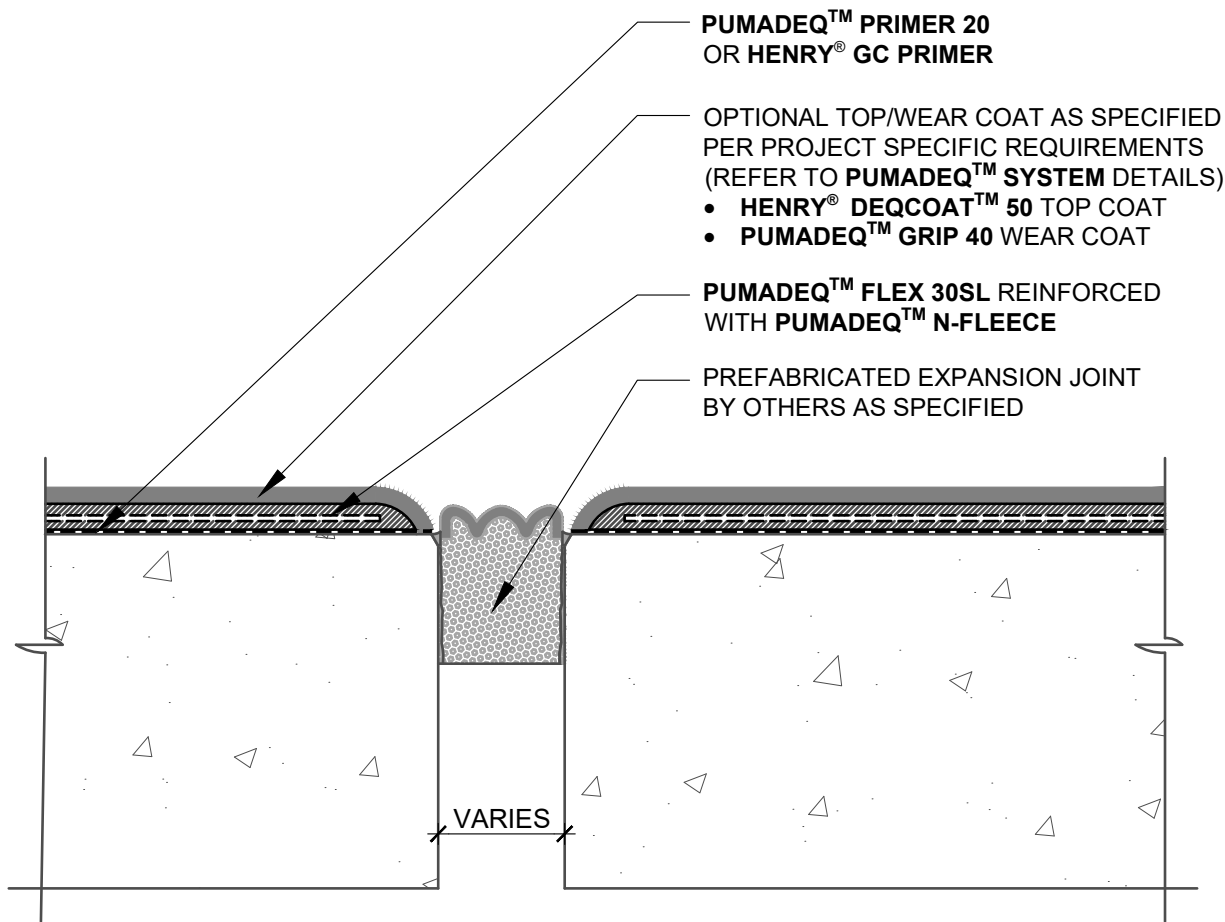
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

EXPANSION JOINT
REINFORCED FIELD MEMBRANE
PREFABRICATED EXPANSION JOINT

SCALE: N.T.S.

04-26-2019

PUMADEC-EJ1



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DETAIL IS FOR REFERENCE ONLY. CONTACT EXPANSION JOINT MANUFACTURER FOR PROJECT SPECIFIC REQUIREMENTS.
3. EXPANSION JOINT MANUFACTURED AND INSTALLED BY OTHERS AS SPECIFIED. CONTACT HENRY® FOR PROJECT SPECIFIC COORDINATION OF PUMADEC™ SYSTEM WITH EXPANSION JOINT.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

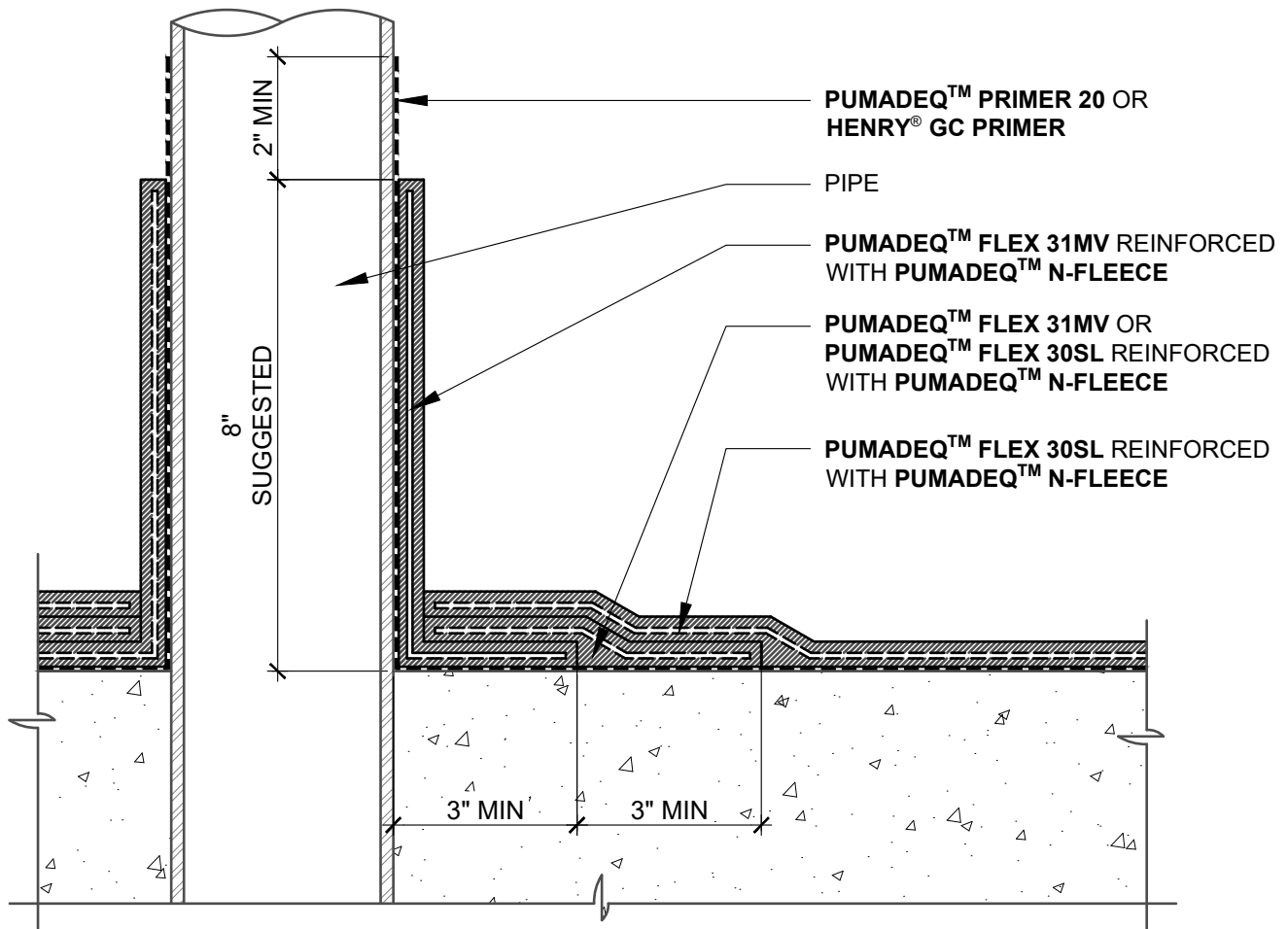
MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

EXPANSION JOINT
REINFORCED FIELD MEMBRANE - PREFABRICATED
EXPANSION JOINT WITH TOP OR WEAR COAT

SCALE: N.T.S. 04-26-2019

PUMADEC-EJ2



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEQ™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

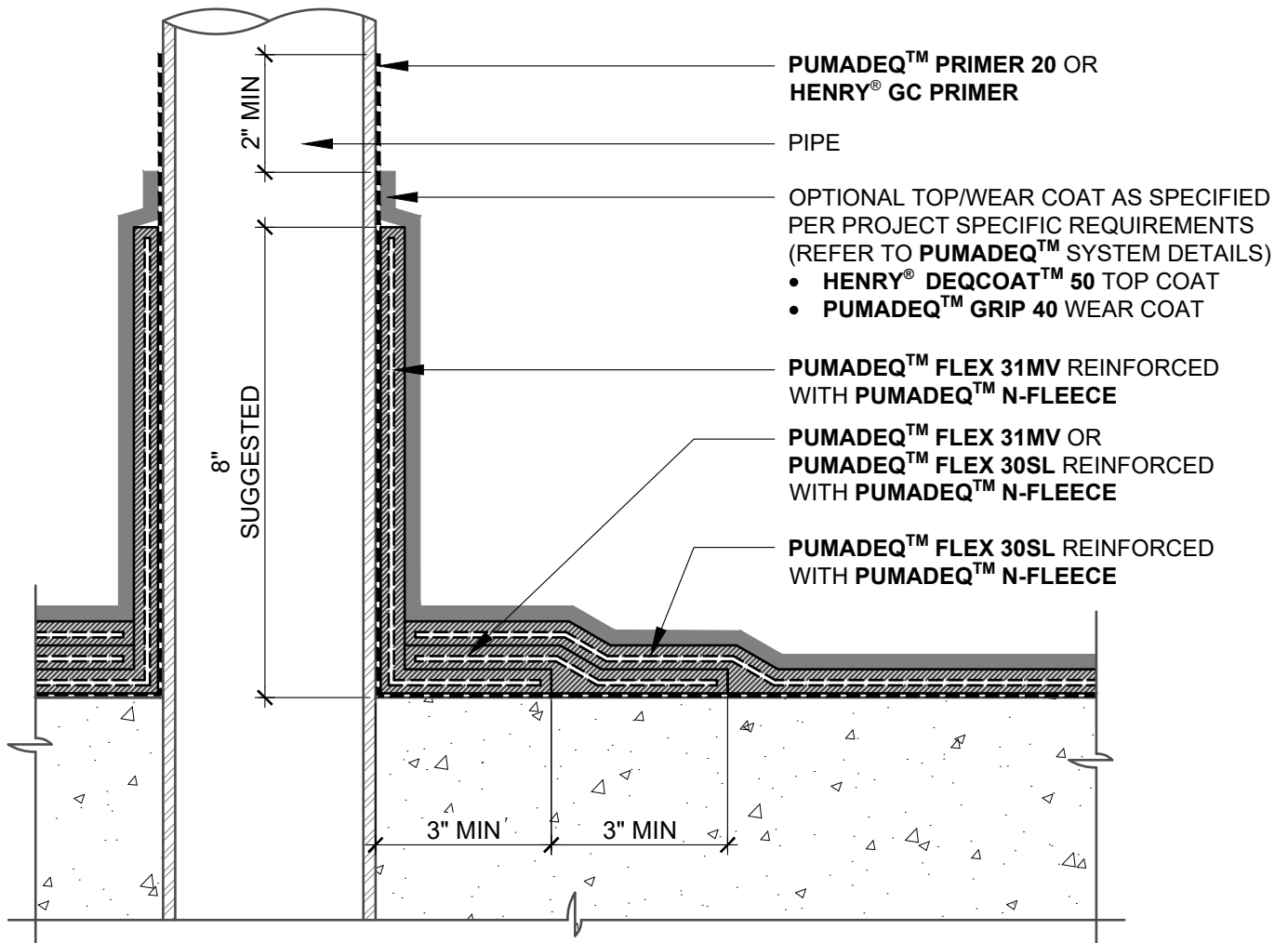
PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
REINFORCED FIELD MEMBRANE
HORIZONTAL SUBSTRATE

SCALE: N.T.S.

04-26-2019

PUMADEQ-P1A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEQ™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

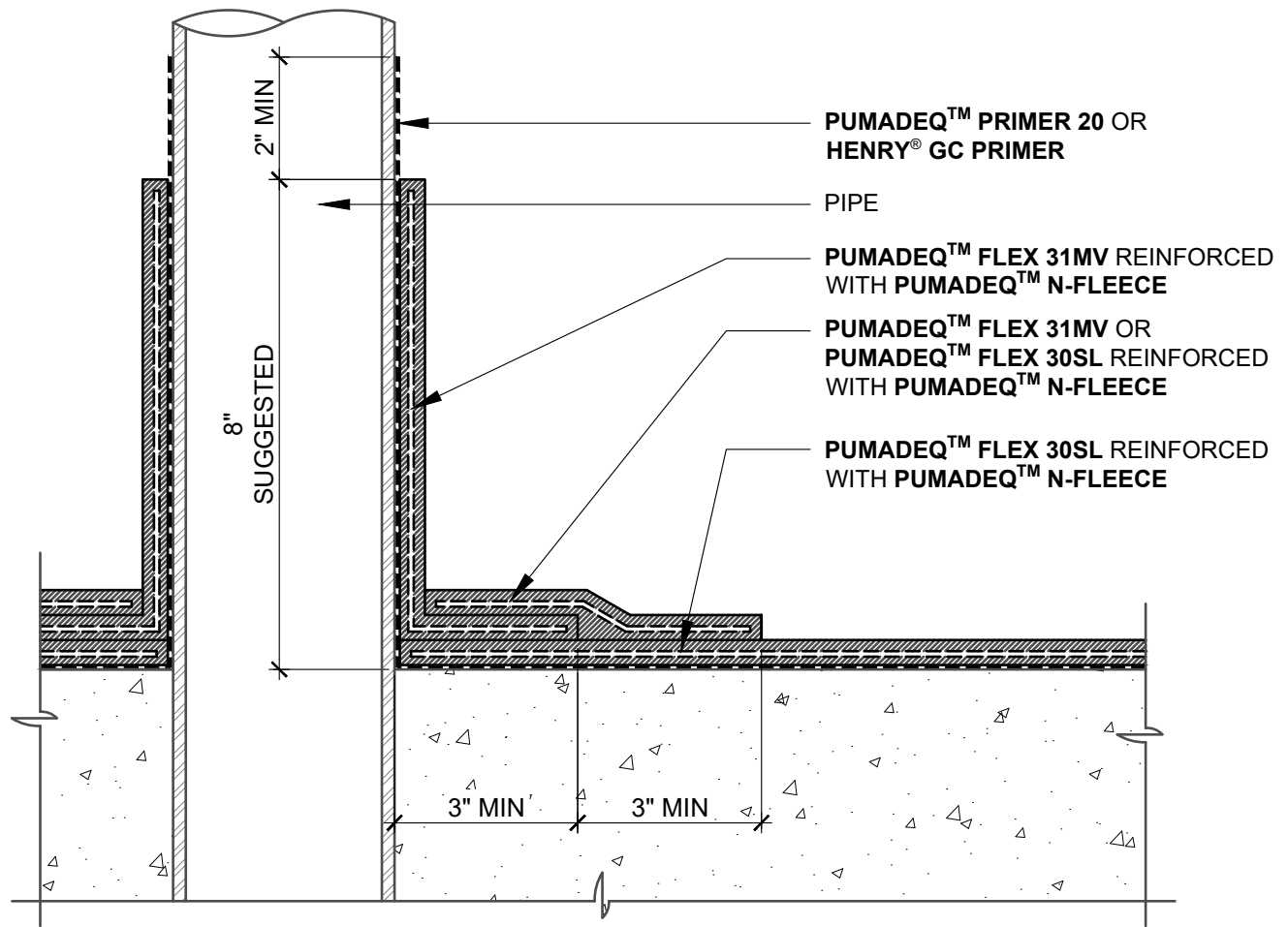
PIPE PENETRATION

**REINFORCED FIELD MEMBRANE
 WITH TOP OR WEAR COAT - HORIZONTAL SUBSTRATES**

SCALE: N.T.S.

04-26-2019

PUMADEQ-P1B



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEQ™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

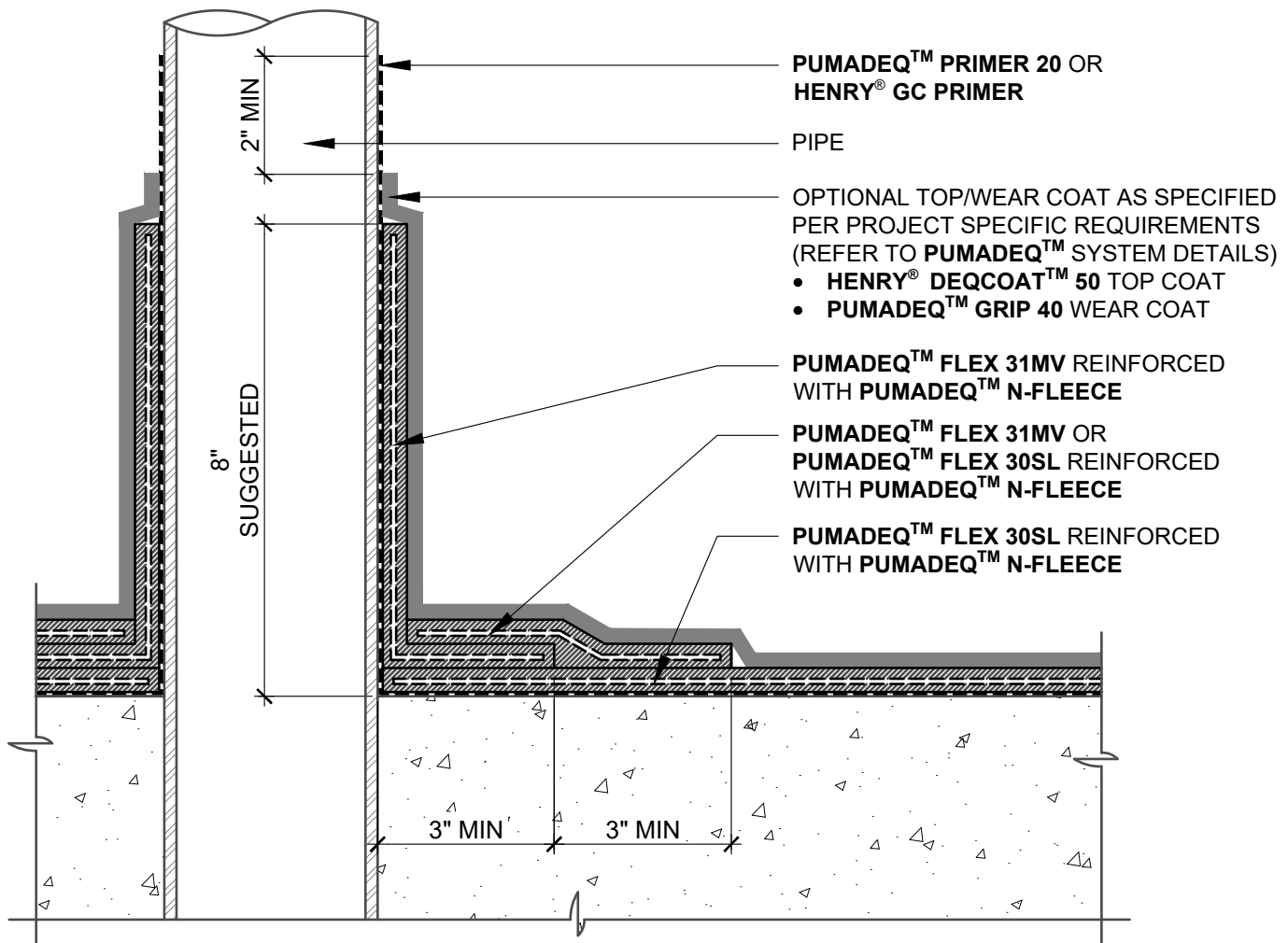
PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
REINFORCED FIELD MEMBRANE
HORIZONTAL SUBSTRATES

SCALE: N.T.S.

04-26-2019

PUMADEQ-P1C



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

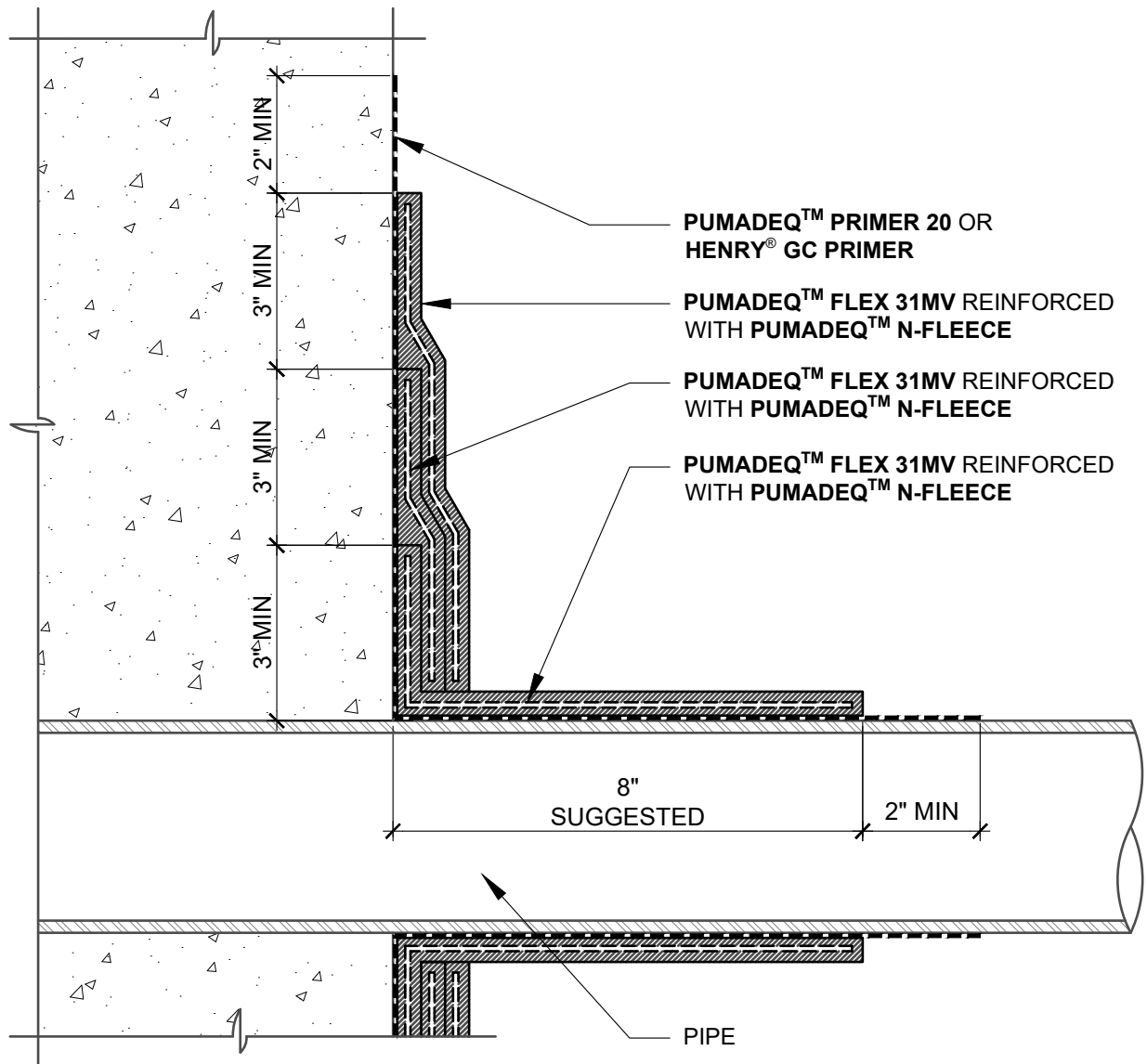
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION
REINFORCED FIELD MEMBRANE WITH
TOP OR WEAR COAT - HORIZONTAL SUBSTRATES

SCALE: N.T.S.

04-26-2019

PUMADEC-P1D



PUMADEC™ PRIMER 20 OR
HENRY® GC PRIMER

PUMADEC™ FLEX 31MV REINFORCED
WITH PUMADEC™ N-FLEECE

PUMADEC™ FLEX 31MV REINFORCED
WITH PUMADEC™ N-FLEECE

PUMADEC™ FLEX 31MV REINFORCED
WITH PUMADEC™ N-FLEECE

8"
SUGGESTED

2" MIN

PIPE

NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

PIPE PENETRATION

**REINFORCED FIELD MEMBRANE
ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

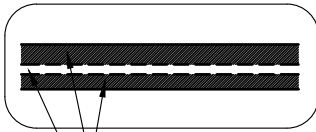
04-26-2019

PUMADEC-P2A

**PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY
REINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

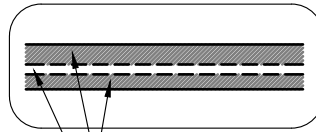
- ① PUMADEC™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEC™ FLEX 31MV REINFORCED FLASHING
- ③ PUMADEC™ FLEX 31MV REINFORCED FLASHING (3A AND 3B)
- ④ PUMADEC™ FLEX 30SL REINFORCED FIELD MEMBRANE
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (REFER TO PUMADEC™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEC™ GRIP 40 WEAR COAT

**PUMADEC™ FLEX 31MV
REINFORCED FLASHING**

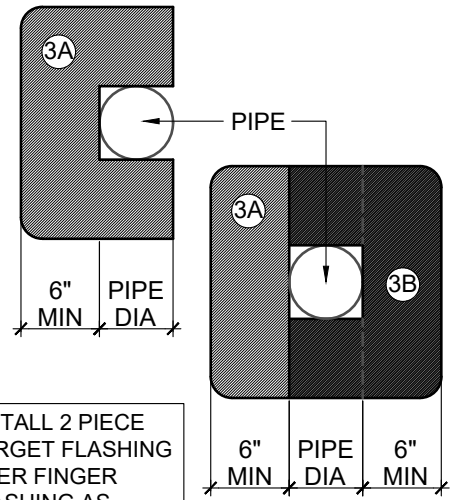


PUMADEC™ FLEX 31MV
PUMADEC™ N-FLEECE

**PUMADEC™ FLEX 30SL
REINFORCED FIELD MEMBRANE**

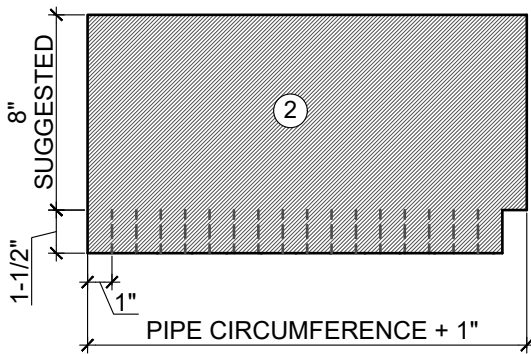


PUMADEC™ FLEX 30SL
PUMADEC™ N-FLEECE

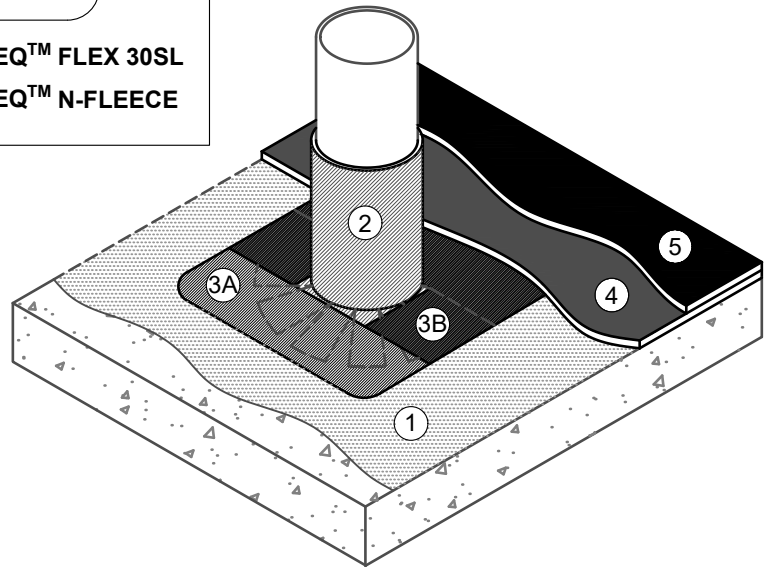


INSTALL 2 PIECE
TARGET FLASHING
OVER FINGER
FLASHING AS
SHOWN IN STEPS
3A AND 3B

TARGET FLASHING TEMPLATE



FINGER FLASHING TEMPLATE



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**PIPE PENETRATION
REINFORCED FIELD MEMBRANE WITH
TOP OR WEAR COAT - HORIZONTAL SUBSTRATES**

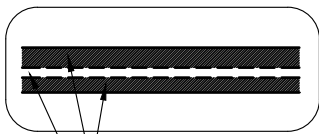
SCALE: N.T.S. 04-26-2019

PUMADEC-P3A

**PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY
REINFORCED FIELD MEMBRANE SEQUENCE OF INSTALLATION**

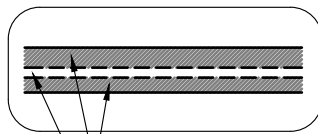
- ① PUMADEC™ PRIMER 20 OR HENRY® GC PRIMER
- ② PUMADEC™ FLEX 31MV REINFORCED FLASHING
- ③ PUMADEC™ FLEX 31MV REINFORCED FLASHING (3A AND 3B)
- ④ PUMADEC™ FLEX 31MV REINFORCED VERTICAL FLASHING
- ⑤ OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (REFER TO PUMADEC™ SYSTEM DETAILS)
 - HENRY® DEQCOAT™ 50 TOP COAT
 - PUMADEC™ GRIP 40 WEAR COAT

**PUMADEC™ FLEX 31MV
REINFORCED FLASHING**

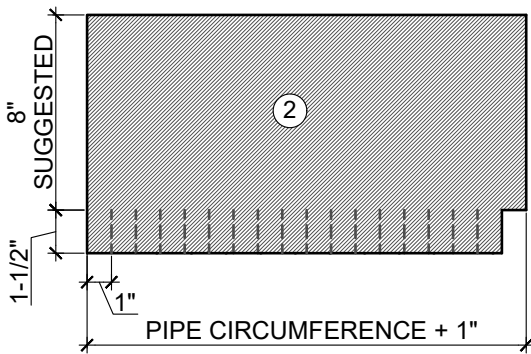


PUMADEC™ FLEX 31MV
PUMADEC™ N-FLEECE

**PUMADEC™ FLEX 30SL
REINFORCED FIELD MEMBRANE**

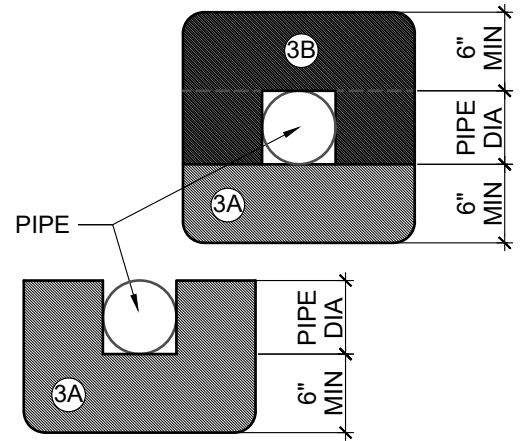


PUMADEC™ FLEX 30SL
PUMADEC™ N-FLEECE

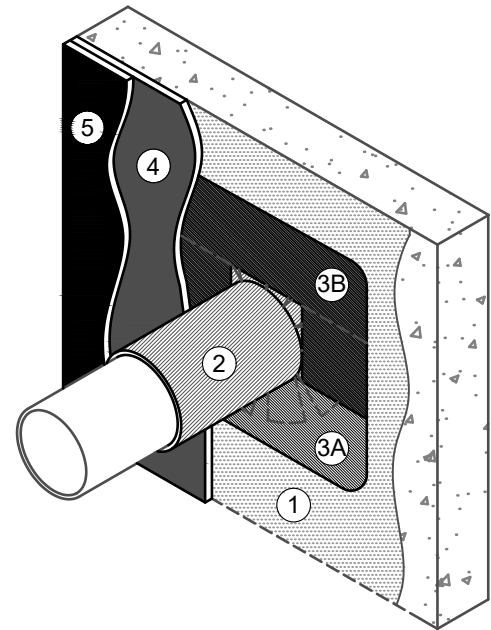


FINGER FLASHING TEMPLATE

INSTALL 2 PIECE TARGET FLASHING
OVER FINGER FLASHING AS SHOWN IN
STEPS 3A AND 3B



TARGET FLASHING TEMPLATE



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FORM A COOL SLEEVE AROUND PIPES HOTTER THAN 150 °F.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEC™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEC™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH PUMADEC™ RESIN.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

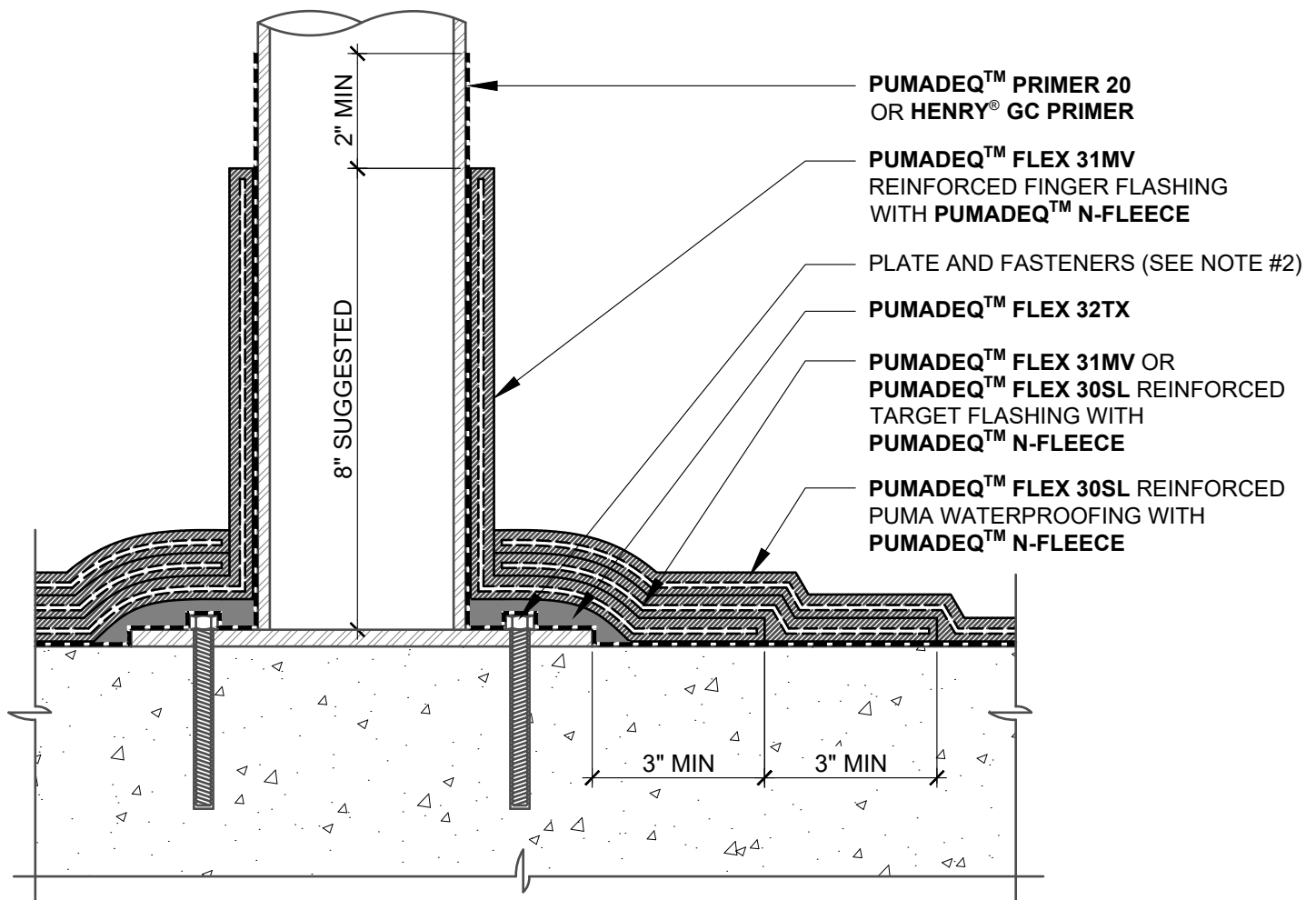
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**PIPE PENETRATION
REINFORCED FIELD MEMBRANE WITH
TOP OR WEAR COAT ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

04-26-2019

PUMADEC-P3B



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

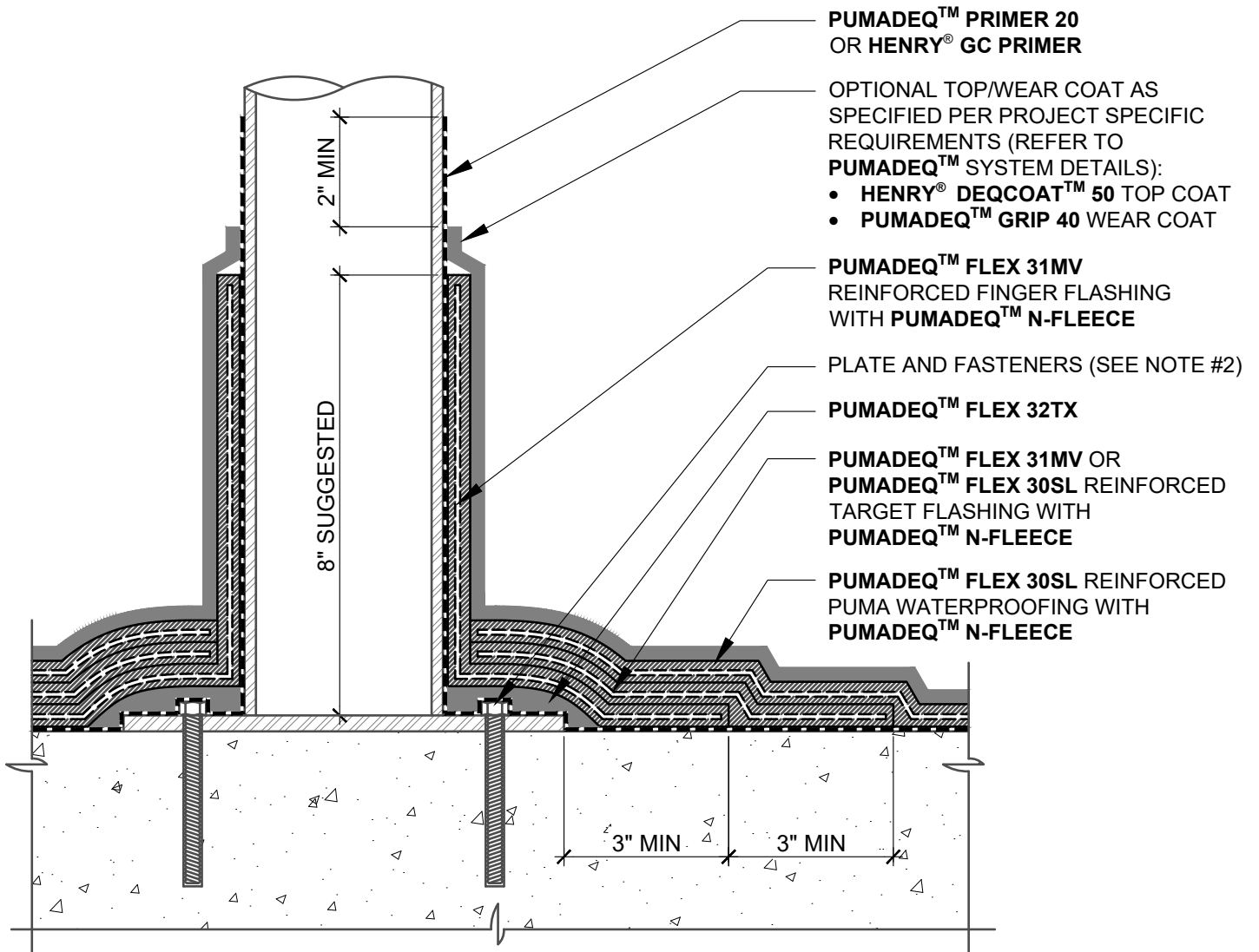
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

MOUNTING PLATE
REINFORCED FIELD MEMBRANE WITH MOUNTING
PLATE INSTALLED DIRECTLY ONTO DECK

SCALE: N.T.S.

04-26-2019

PUMADEC-P4I



PUMADEC™ PRIMER 20
OR **HENRY® GC PRIMER**

OPTIONAL TOP/WEAR COAT AS SPECIFIED PER PROJECT SPECIFIC REQUIREMENTS (REFER TO **PUMADEC™ SYSTEM DETAILS**):

- **HENRY® DEQCOAT™ 50 TOP COAT**
- **PUMADEC™ GRIP 40 WEAR COAT**

PUMADEC™ FLEX 31MV
REINFORCED FINGER FLASHING WITH **PUMADEC™ N-FLEECE**

PLATE AND FASTENERS (SEE NOTE #2)

PUMADEC™ FLEX 32TX

PUMADEC™ FLEX 31MV OR **PUMADEC™ FLEX 30SL** REINFORCED TARGET FLASHING WITH **PUMADEC™ N-FLEECE**

PUMADEC™ FLEX 30SL REINFORCED PUMA WATERPROOFING WITH **PUMADEC™ N-FLEECE**

NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

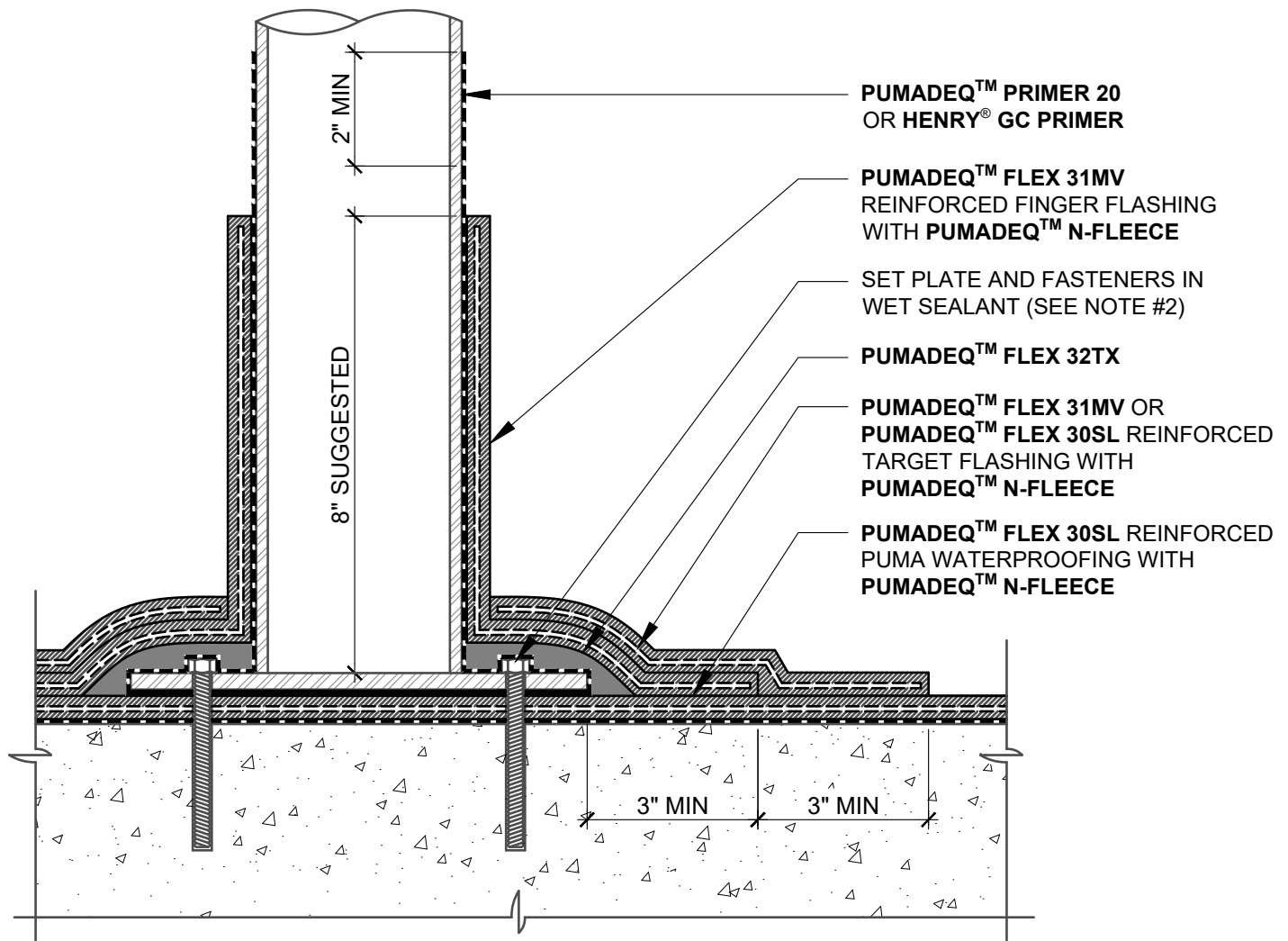
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

MOUNTING PLATE
REINFORCED FIELD MEMBRANE WITH MOUNTING
PLATE INSTALLED DIRECTLY ONTO DECK

SCALE: N.T.S.

04-26-2019

PUMADEC-P4J



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE. AVOID EXCESS SEALANT OUTSIDE OF PLATE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

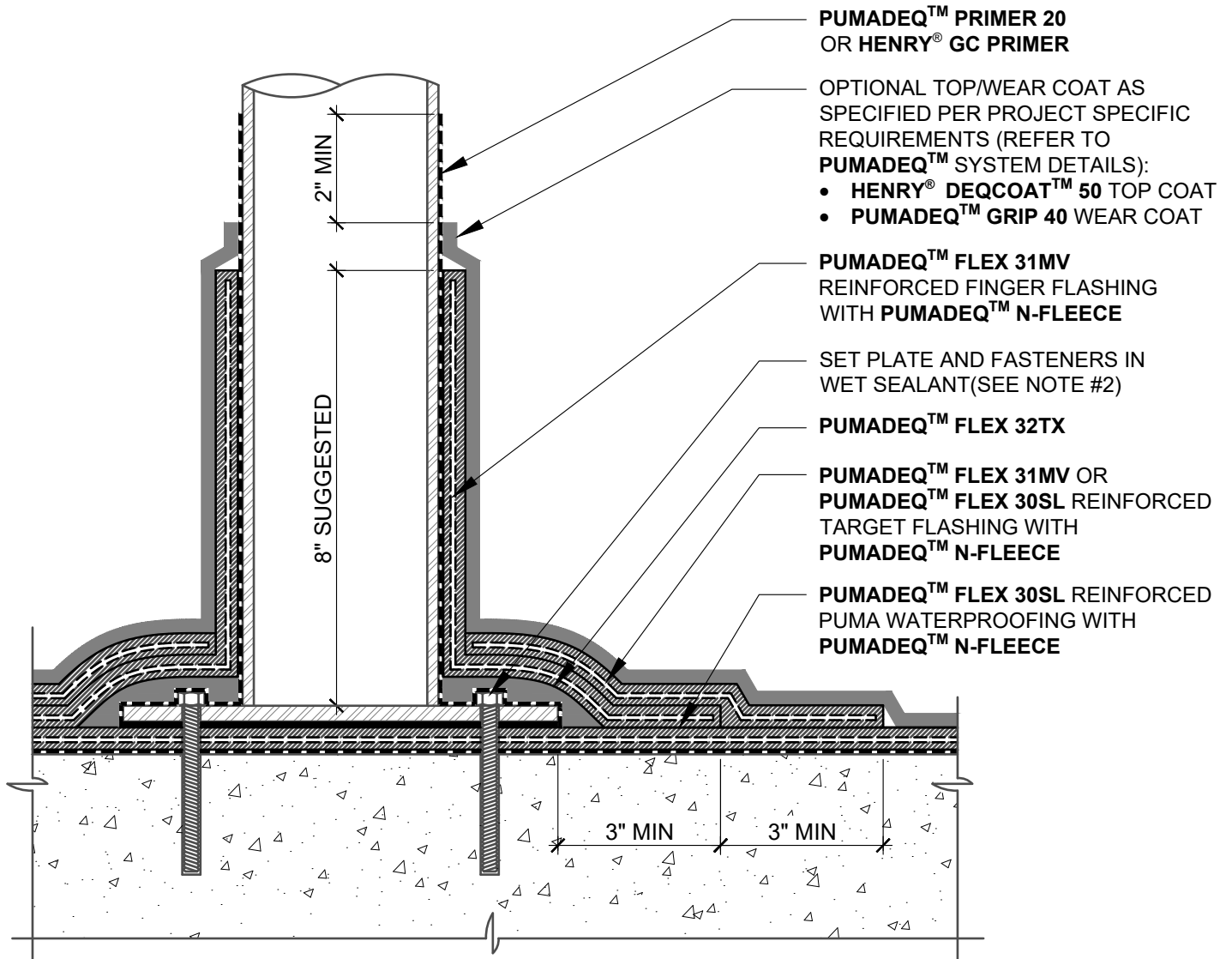
MOUNTING PLATE

REINFORCED FIELD MEMBRANE WITH MOUNTING PLATE INSTALLED ON EXISTING PUMADEC™ SYSTEM

SCALE: N.T.S.

04-26-2019

PUMADEC-P4K



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. INSTALL MOUNTING COMPONENTS PER MOUNTING PLATE MANUFACTURER REQUIREMENTS. SIZE, PLACEMENT, AND FASTENER HEAD SELECTION AS SPECIFIED. FASTENERS MUST NOT PENETRATE COMPLETELY THROUGH DECK. REMOVE EXCESS THREADS FROM FASTENER AND PEEN INTO PLACE. AVOID EXCESS SEALANT OUTSIDE OF PLATE.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

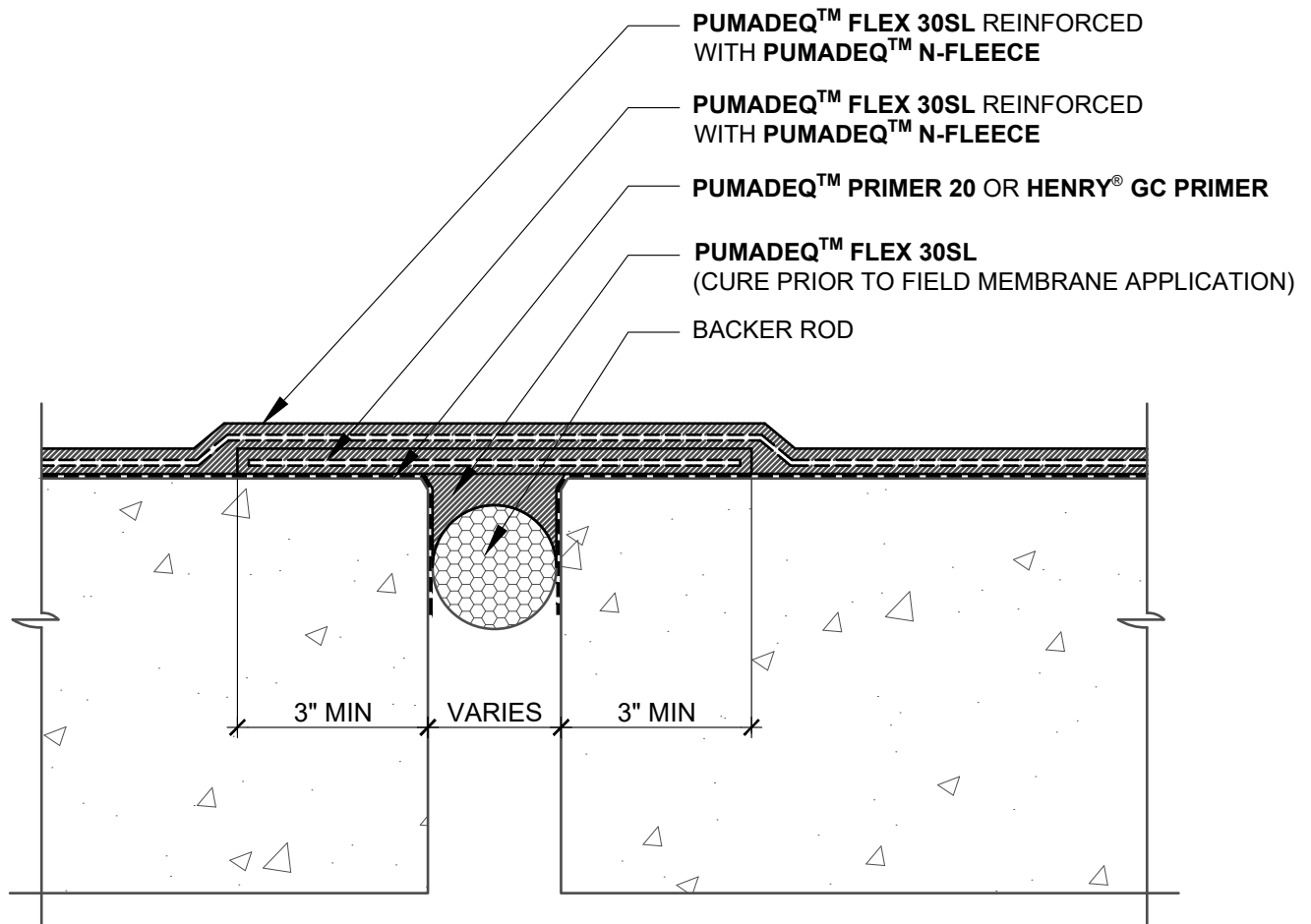
MOUNTING PLATE

REINFORCED FIELD MEMBRANE WITH MOUNTING PLATE INSTALLED ON EXISTING PUMADEC™ SYSTEM

SCALE: N.T.S.

04-26-2019

PUMADEC-P4L



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

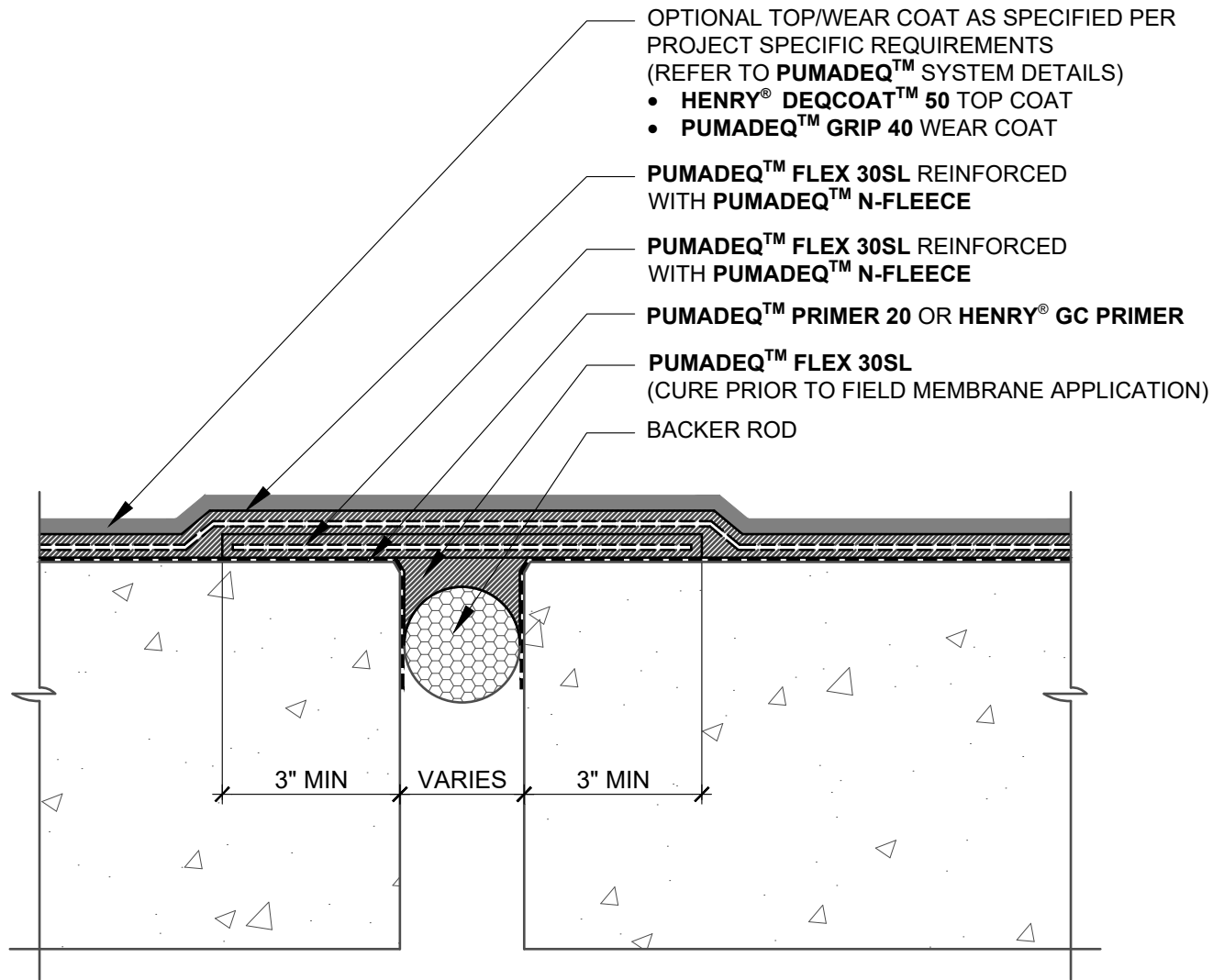
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

NON-MOVING JOINT
REINFORCED FIELD MEMBRANE
NON-MOVING CONSTRUCTION JOINT

SCALE: N.T.S.

04-26-2019

PUMADEC-S1



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

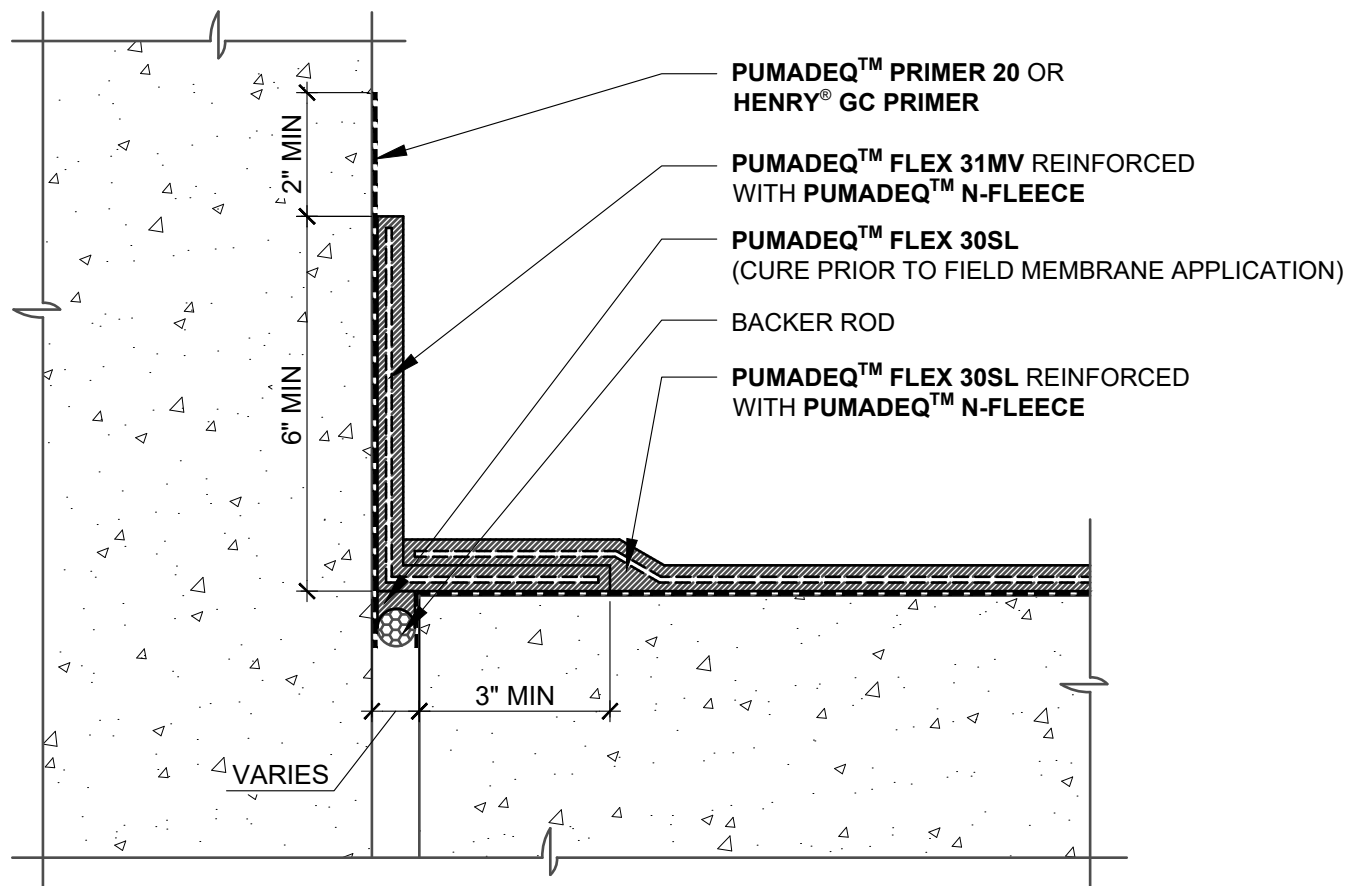
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

NON-MOVING JOINT
REINFORCED FIELD MEMBRANE NON-MOVING
CONSTRUCTION JOINT WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S2



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEQ™ FLEX 30SL**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEQ™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

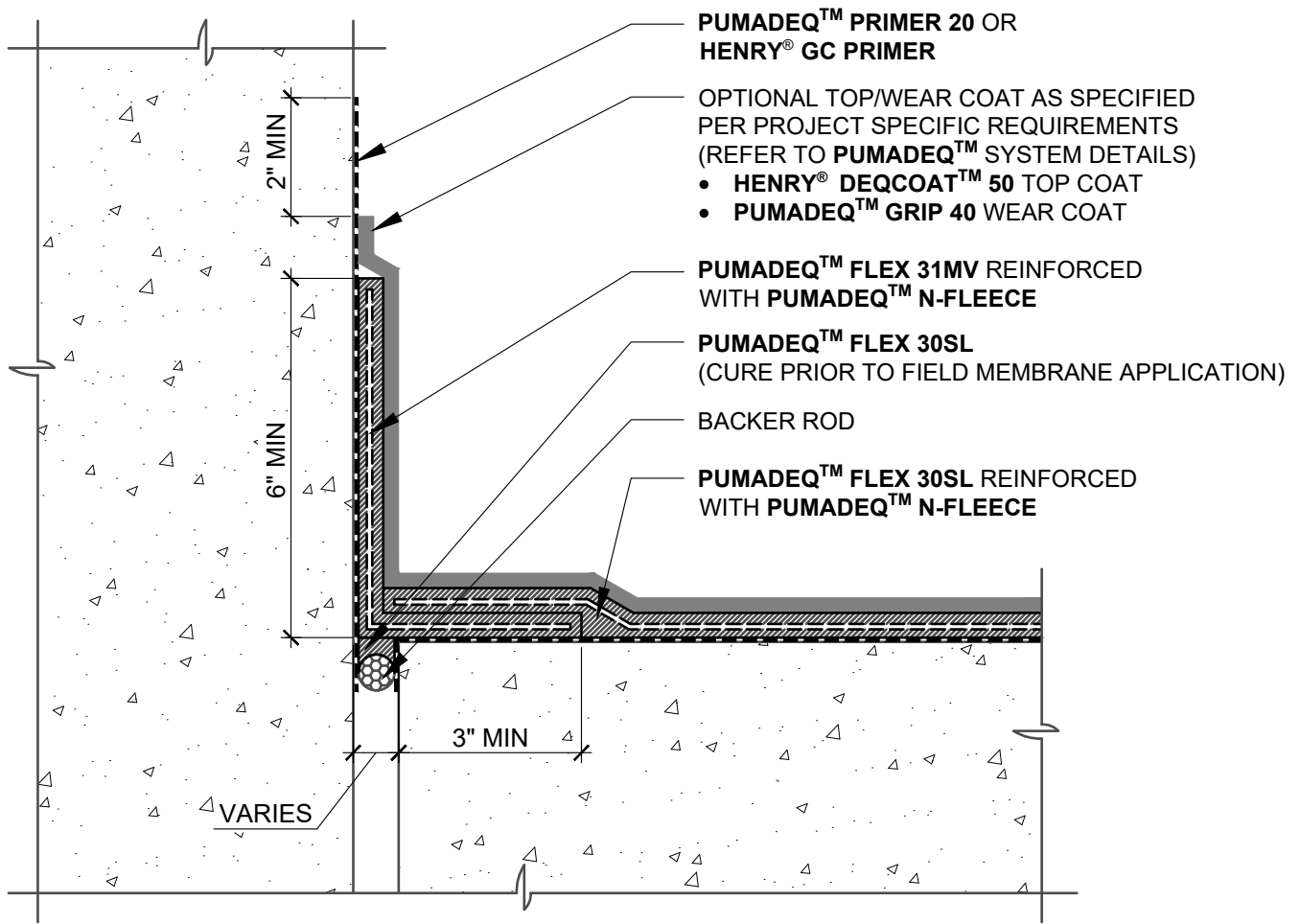
NON-MOVING JOINT

**REINFORCED FIELD MEMBRANE
 NON-MOVING JOINT AT UPTURN**

SCALE: N.T.S.

04-26-2019

PUMADEQ-S3



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

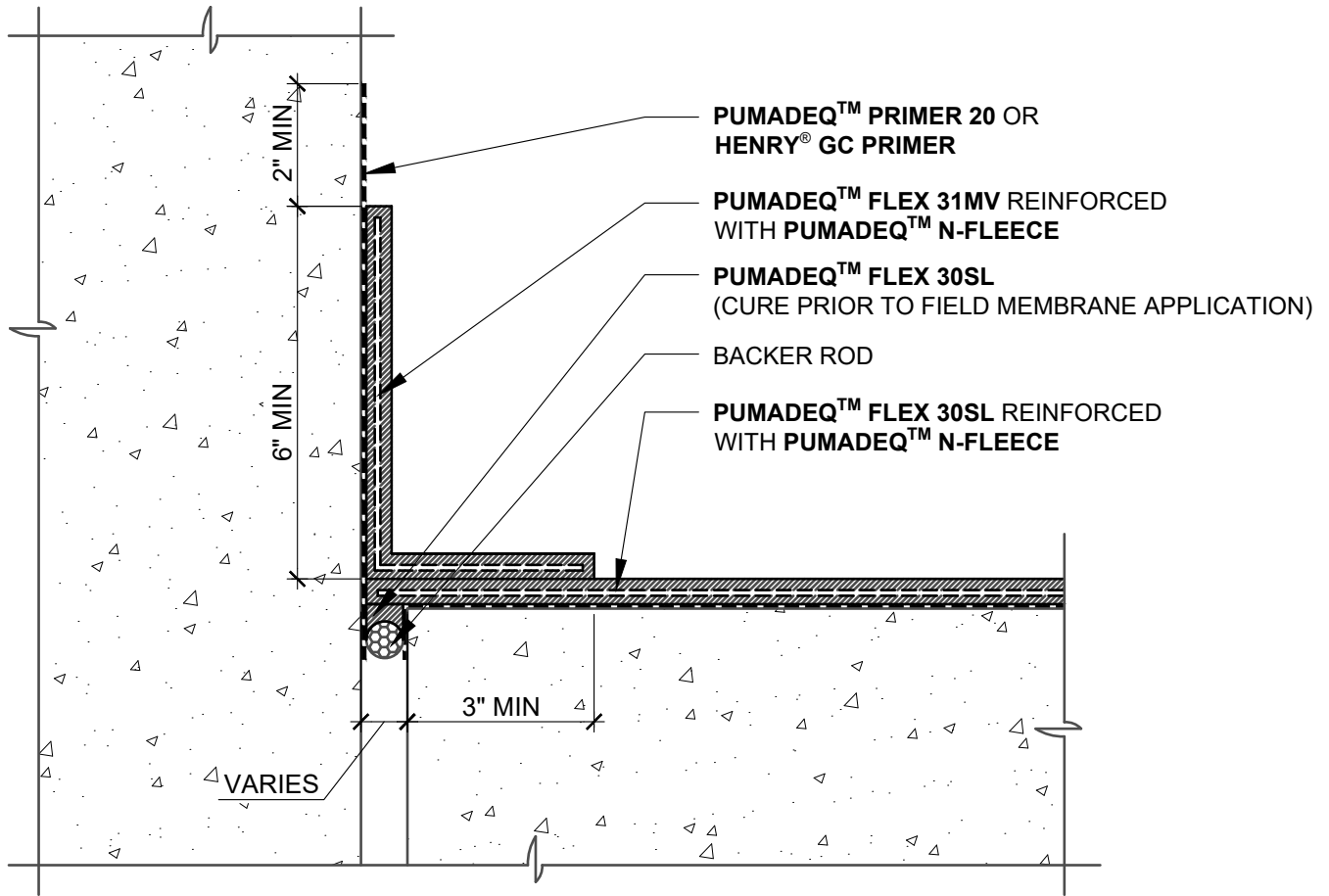
NON-MOVING JOINT

REINFORCED FIELD MEMBRANE NON-MOVING JOINT AT UPTURN WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S4



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

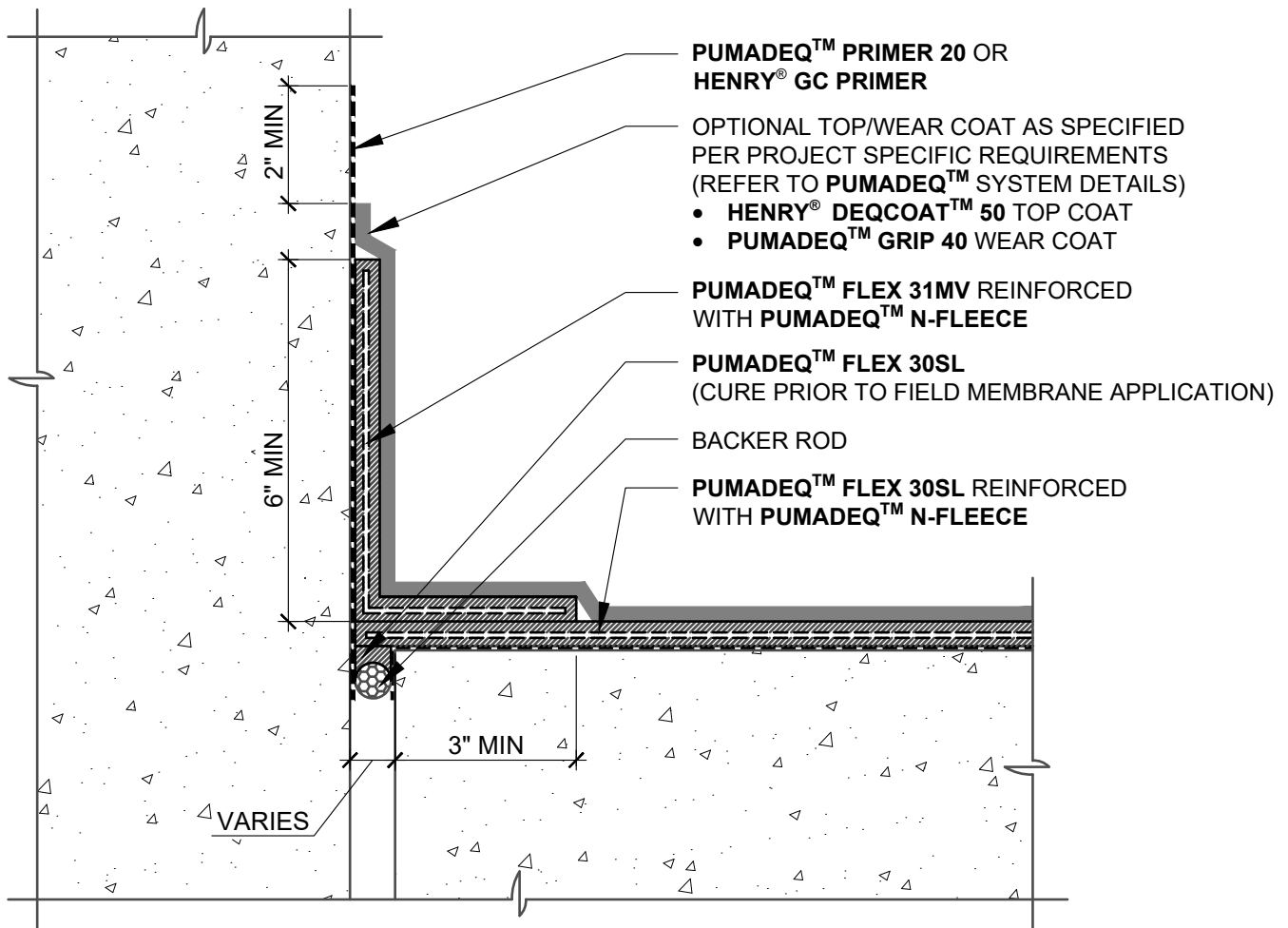
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

NON-MOVING JOINT
REINFORCED FIELD MEMBRANE
NON-MOVING JOINT AT UPTURN

SCALE: N.T.S.

04-26-2019

PUMADEC-S5



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REMOVE EXCESS PRIMER FROM GAP PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
6. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
7. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

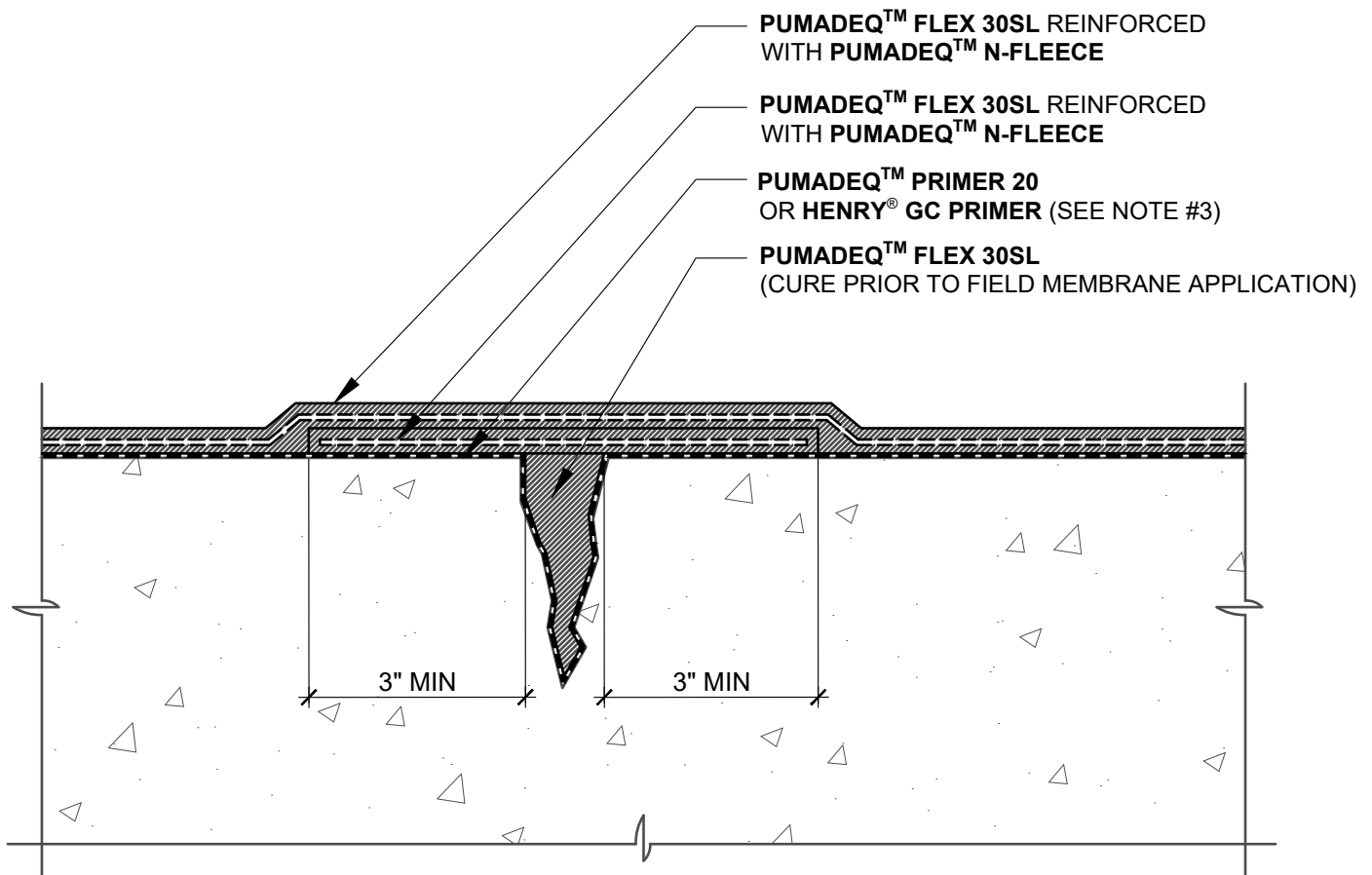
NON-MOVING JOINT

REINFORCED FIELD MEMBRANE NON-MOVING JOINT AT UPTURN WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-S6



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
3. REMOVE EXCESS PRIMER FROM CRACK PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

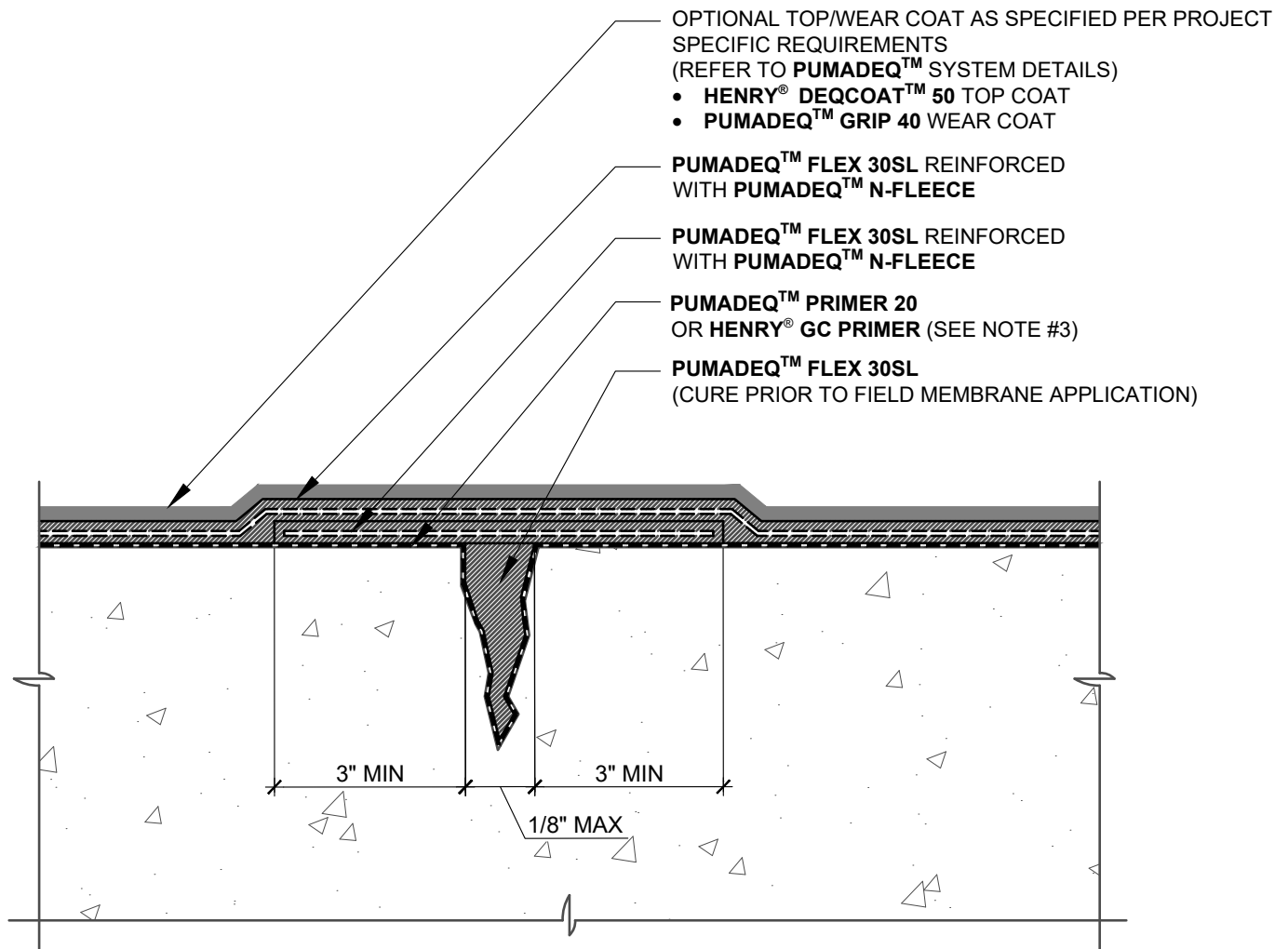
STRUCTURAL CRACKS

**REINFORCED FIELD MEMBRANE
 CRACKS UP TO 1/8" WIDE**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC1



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY CRACKS DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
3. REMOVE EXCESS PRIMER FROM CRACK PRIOR TO APPLYING **PUMADEC™ FLEX 30SL**.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

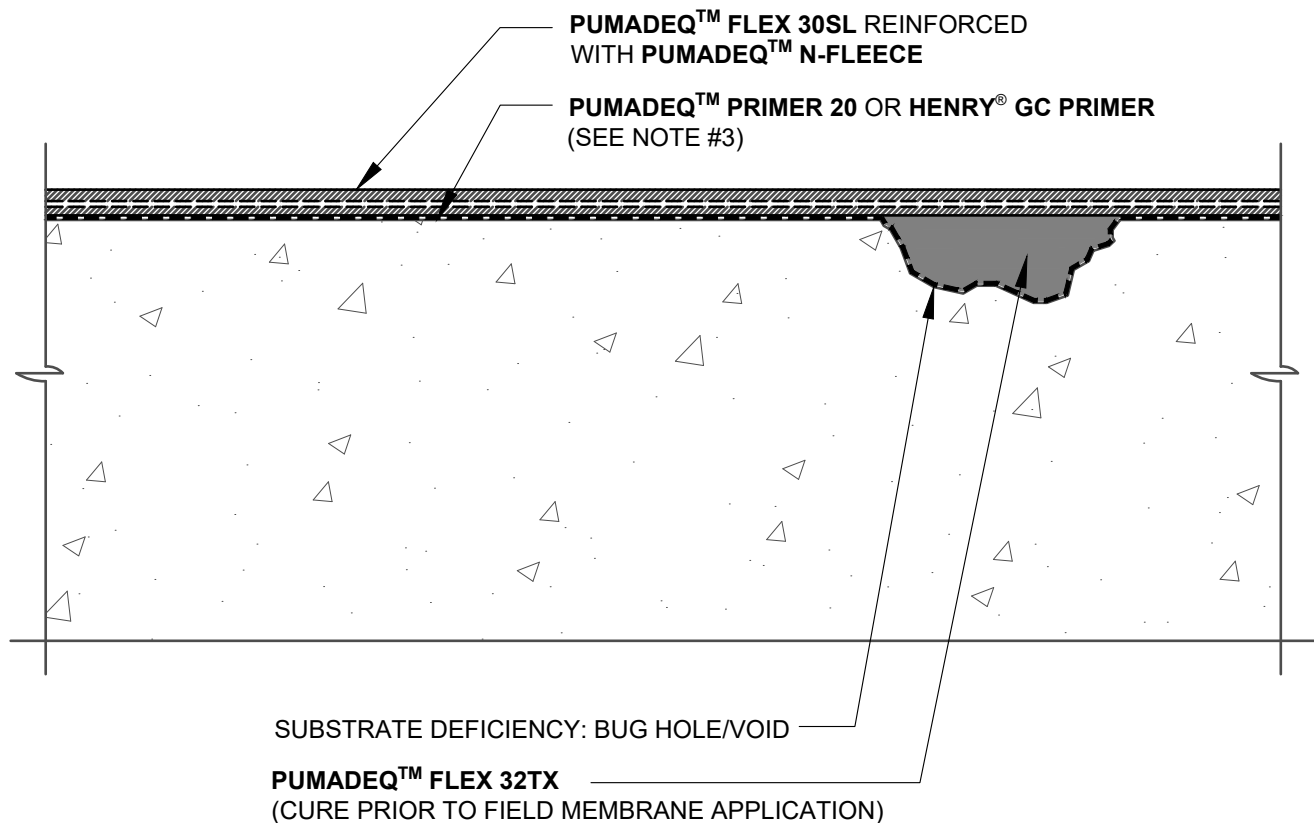
STRUCTURAL CRACKS

**REINFORCED FIELD MEMBRANE
CRACKS UP TO 1/8" WIDE WITH TOP OR WEAR COAT**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC2



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL PUMADEC™ SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY SUBSTRATE DEFICIENCIES DO NOT HAVE PERCOLATING MOISTURE. REFER TO PUMADEC™ SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
3. REMOVE EXCESS PRIMER FROM SUBSTRATE DEFICIENCY PRIOR TO APPLYING PUMADEC™ FLEX 32TX.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

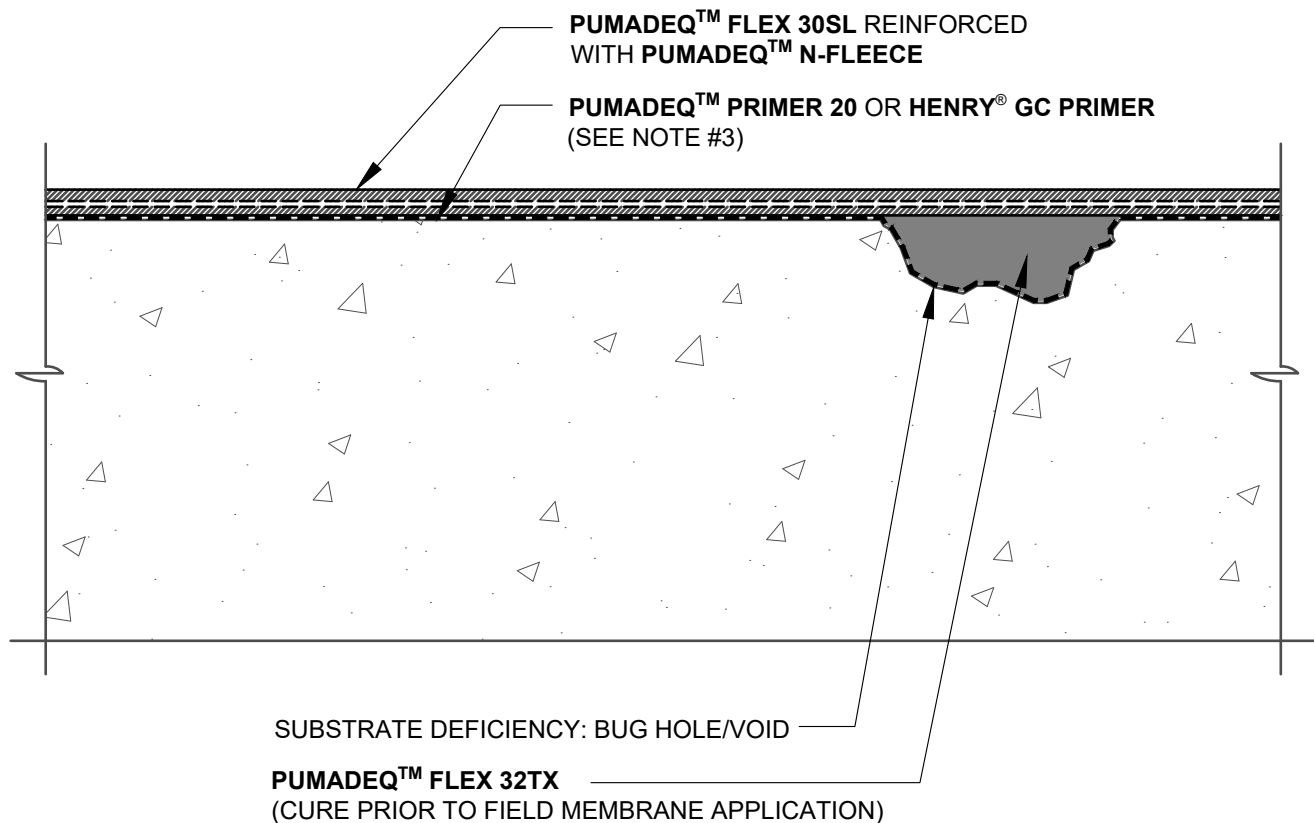
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**SUBSTRATE DEFICIENCY
 REINFORCED FIELD MEMBRANE
 SUBSTRATE DEFICIENCIES**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC3



NOTES:

1. DETAIL SHOWS HENRY® PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL PUMADEC™ SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY SUBSTRATE DEFICIENCIES DO NOT HAVE PERCOLATING MOISTURE. REFER TO PUMADEC™ SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
3. REMOVE EXCESS PRIMER FROM SUBSTRATE DEFICIENCY PRIOR TO APPLYING PUMADEC™ FLEX 32TX.
4. DO NOT INSTALL PUMADEC™ SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO PUMADEC™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

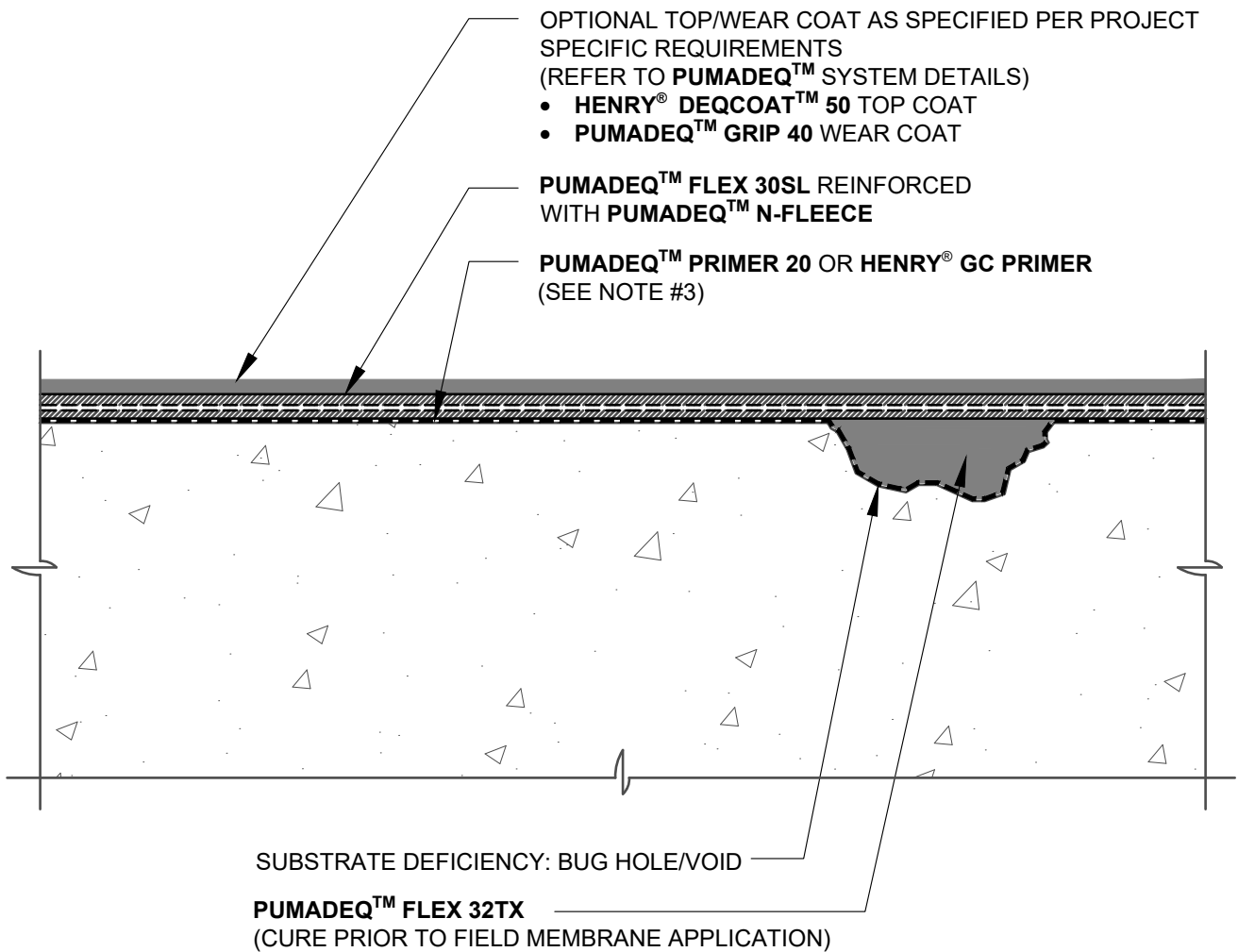
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**SUBSTRATE DEFICIENCY
 REINFORCED FIELD MEMBRANE
 SUBSTRATE DEFICIENCIES**

SCALE: N.T.S.

04-26-2019

PUMADEC-SC3



NOTES:

1. DETAIL SHOWS **HENRY® PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL **PUMADEC™** SYSTEM OVER SUBSTRATES/AREAS THAT EXCEED MAXIMUM MOISTURE ALLOWANCES. VERIFY SUBSTRATE DEFICIENCIES DO NOT HAVE PERCOLATING MOISTURE. REFER TO **PUMADEC™** SYSTEM MOISTURE TEST METHODS TECH-TALK BULLETIN FOR FURTHER INFORMATION.
3. REMOVE EXCESS PRIMER FROM SUBSTRATE DEFICIENCY PRIOR TO APPLYING **PUMADEC™ FLEX 32TX**.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. **HENRY®** OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT **HENRY®** FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.



999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. **HENRY®** DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

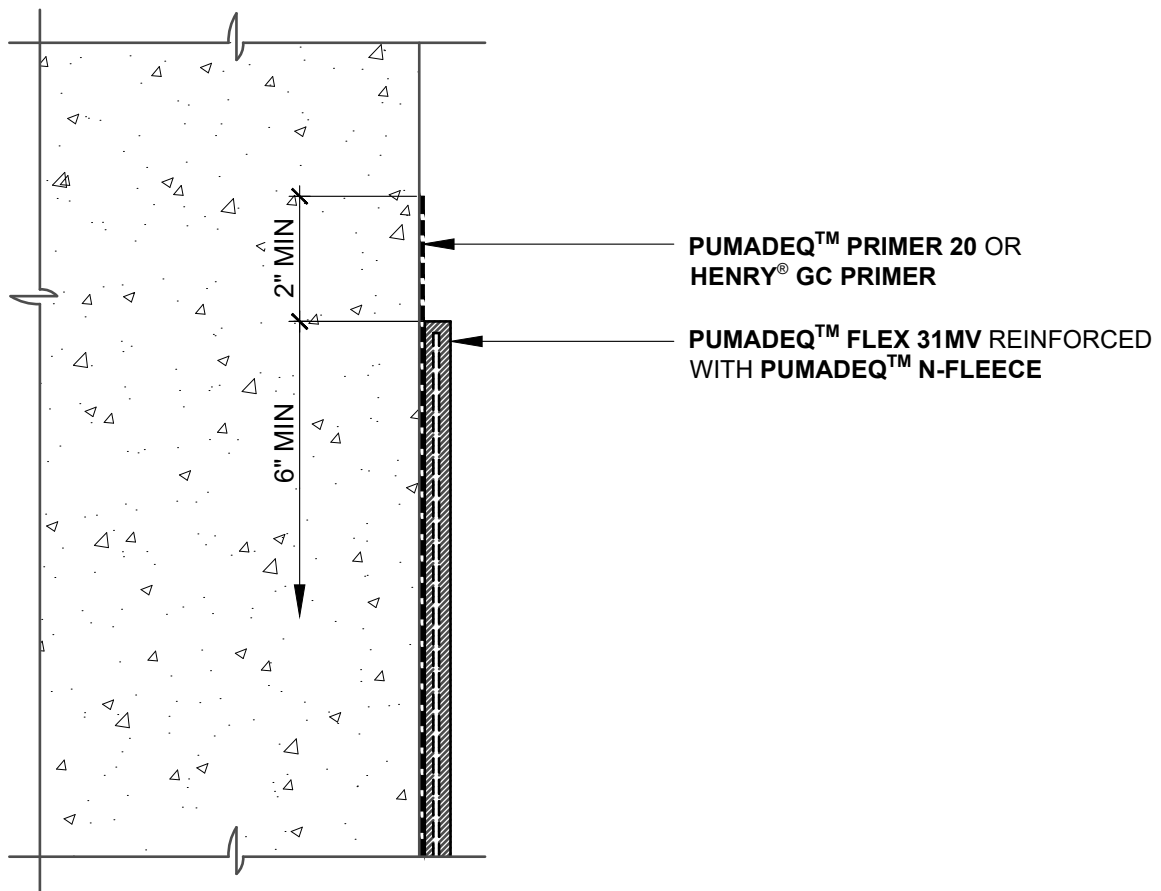
PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE DEFICIENCY
REINFORCED FIELD MEMBRANE
SUBSTRATE DEFICIENCIES WITH TOP OR WEAR COAT

SCALE: N.T.S.

04-26-2019

PUMADEC-SC4



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

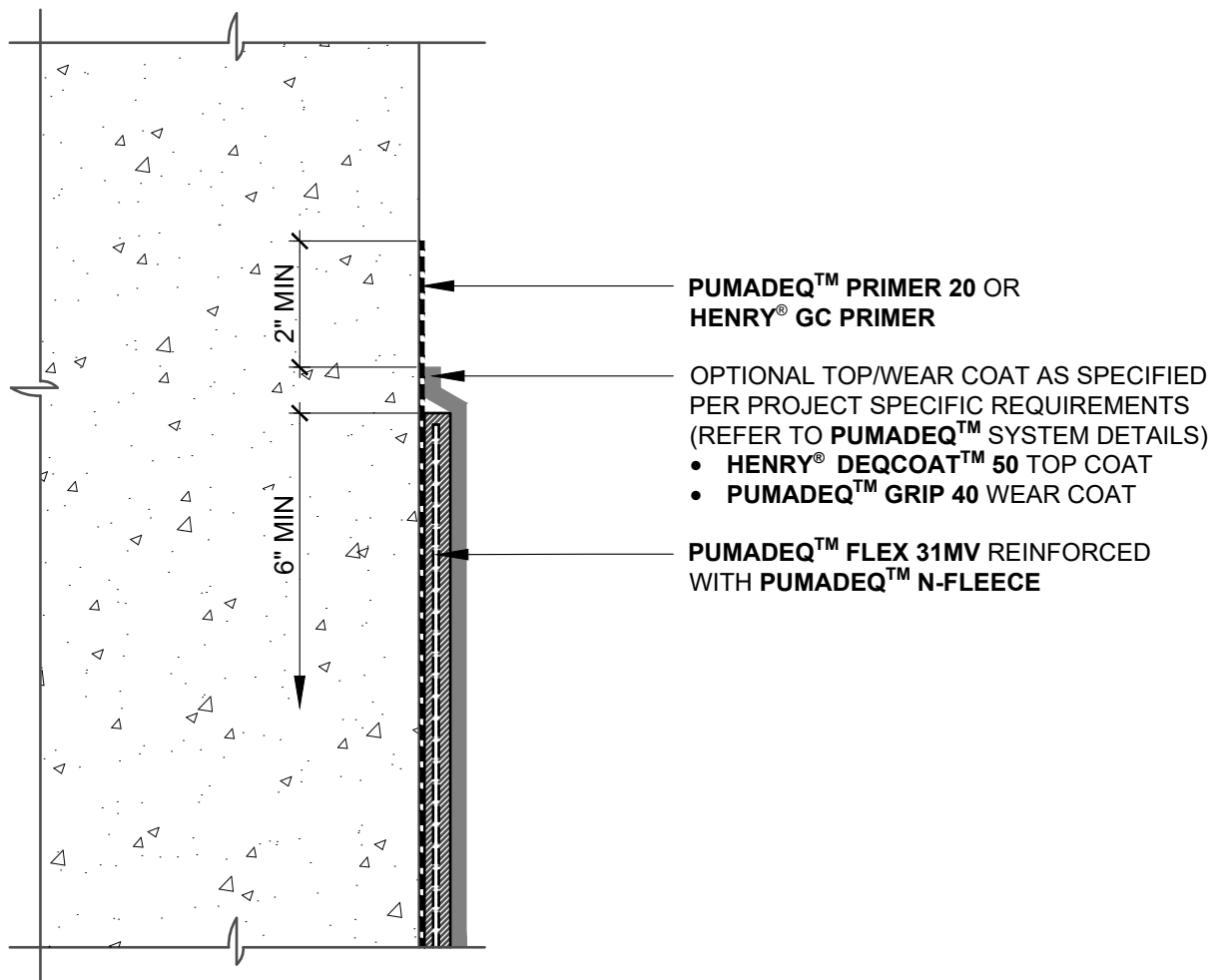
SUBSTRATE TERMINATIONS

**REINFORCED FIELD MEMBRANE
 TERMINATION ON A VERTICAL SUBSTRATE**

SCALE: N.T.S.

04-26-2019

PUMADEC-T1A



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN
3. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
4. BACK COAT FLEECE ON VERTICAL SURFACES WITH **PUMADEC™** RESIN.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE TERMINATIONS

REINFORCED FIELD MEMBRANE TERMINATION ON A VERTICAL SUBSTRATE WITH TOP OR WEAR COAT

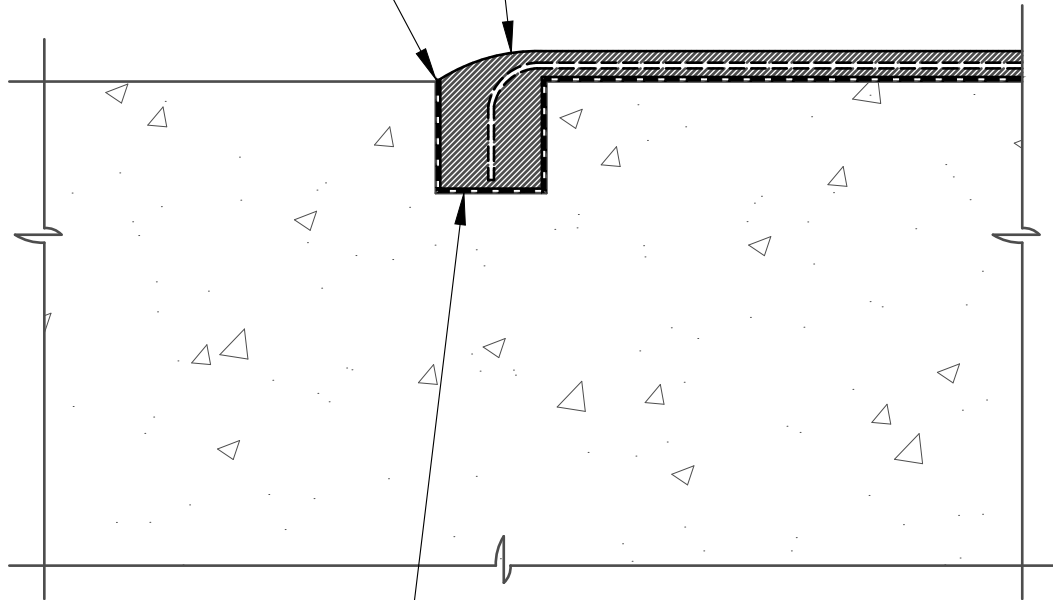
SCALE: N.T.S.

04-26-2019

PUMADEC-T1B

**PUMADEC™ FLEX 30SL REINFORCED
WITH PUMADEC™ N-FLEECE**

**PUMADEC™ PRIMER 20
OR HENRY® GC PRIMER**



**CUT 1/2" X 1/2" MINIMUM REGLET
INTO DECK TO FUNCTION AS
WATERSTOP WHERE
WATERPROOFING ENDS**

NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
3. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
4. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

**SUBSTRATE TERMINATIONS
REINFORCED FIELD MEMBRANE
TERMINATION ON HORIZONTAL SUBSTRATES**

SCALE: N.T.S.

04-26-2019

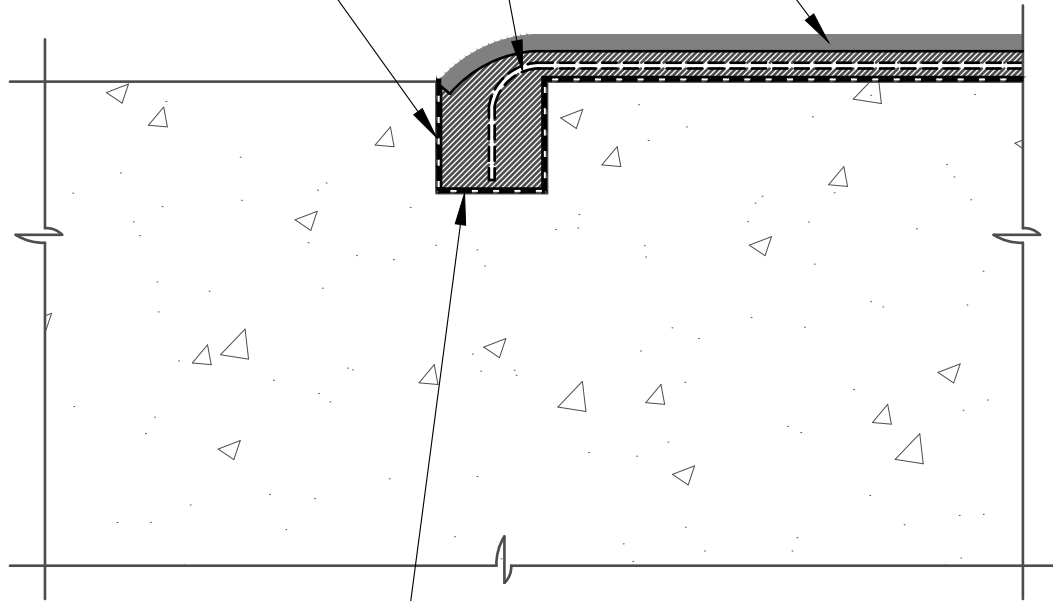
PUMADEC-T2A

OPTIONAL TOP/WEAR COAT AS SPECIFIED
PER PROJECT SPECIFIC REQUIREMENTS
(REFER TO **PUMADEQ™** SYSTEM)

- **HENRY® DEQCOAT™ 50** TOP COAT
- **PUMADEQ™ GRIP 40** WEAR COAT

PUMADEQ™ FLEX 30SL REINFORCED
WITH **PUMADEQ™ N-FLEECE**

PUMADEQ™ PRIMER 20
OR **HENRY® GC PRIMER**



CUT 1/2" X 1/2" MINIMUM REGLET
INTO DECK TO FUNCTION AS
WATERSTOP WHERE
WATERPROOFING ENDS

NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
3. HENRY® OFFERS PAVERS, RIGID INSULATION, AND/OR PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
4. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SUBSTRATE TERMINATIONS

**REINFORCED FIELD MEMBRANE WITH TOP OR WEAR
COAT - TERMINATION ON HORIZONTAL SUBSTRATES**

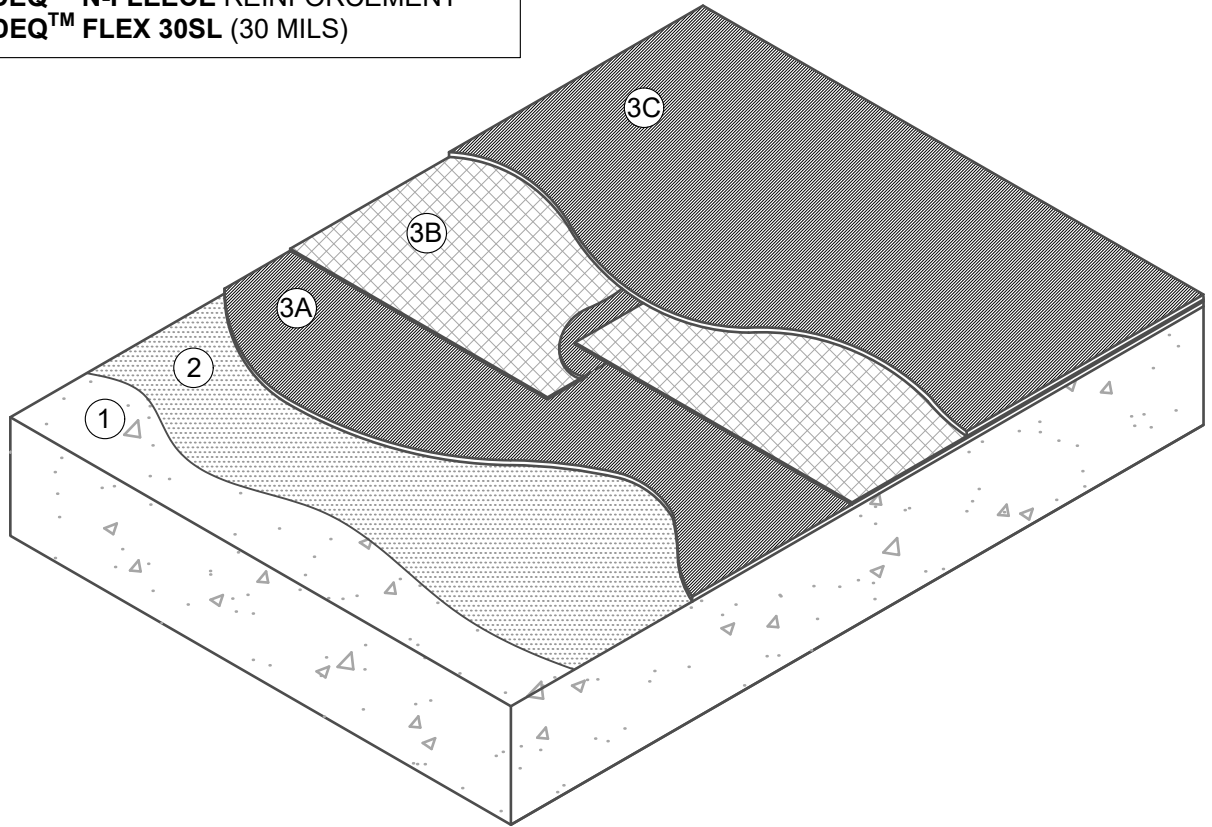
SCALE: N.T.S.

04-26-2019

PUMADEQ-T2B

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH A REINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② **PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER**
- ③ REINFORCED PUMA FIELD MEMBRANE:
 3A - **PUMADEQ™ FLEX 30SL (50 MILS)**
 3B - **PUMADEQ™ N-FLEECE REINFORCEMENT**
 3C - **PUMADEQ™ FLEX 30SL (30 MILS)**



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. REFER TO DETAILS PUMADEQ-WB, PUMADEQ-WC, OR PUMADEQ-WD FOR LONG-TERM COLOR STABILITY, HEAVY CONSTRUCTION TRAFFIC OR ASSEMBLIES WHERE OVERBURDEN BONDS DIRECTLY TO **PUMADEQ™** SYSTEM .
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL
REINFORCED FIELD MEMBRANE
SURFACE PROFILES CSP 3-5

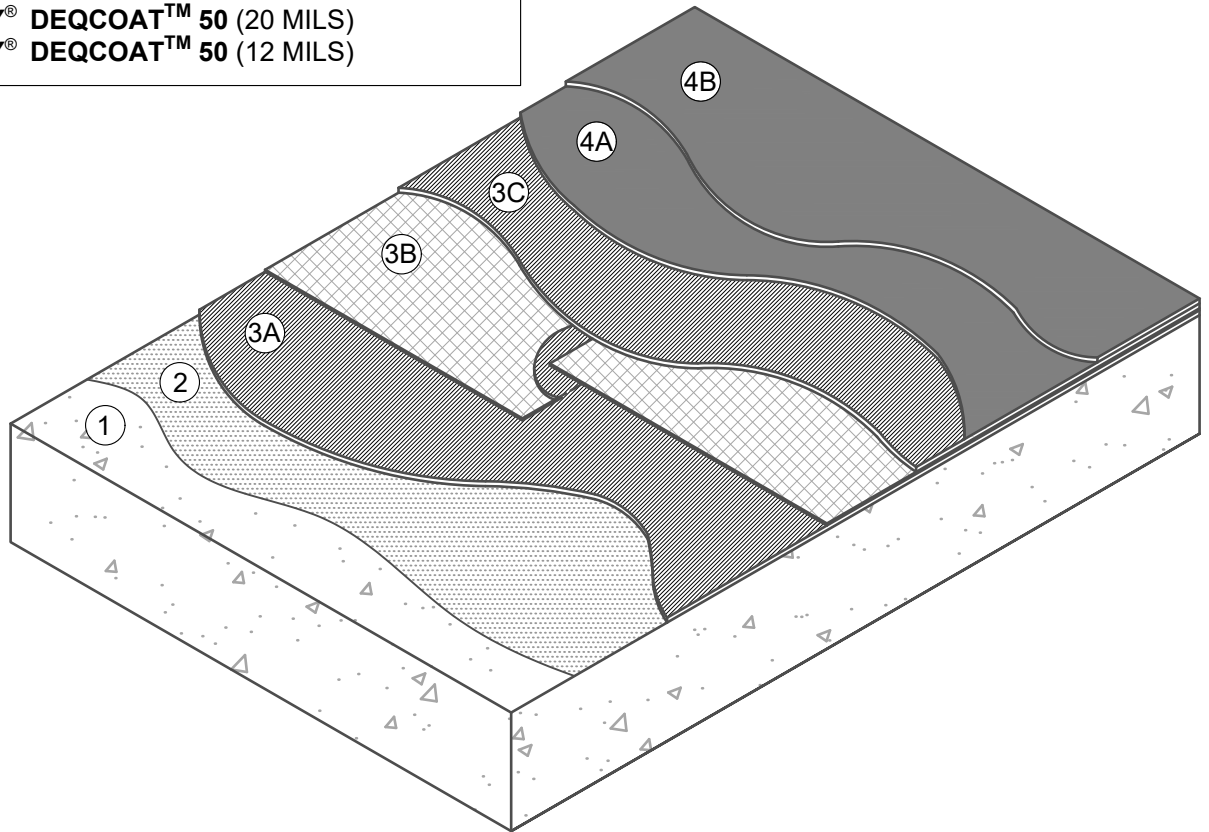
SCALE: N.T.S.

04-26-2019

PUMADEQ-WA

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH A REINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER
- ③ REINFORCED PUMA FIELD MEMBRANE:
3A - PUMADEQ™ FLEX 30SL (50 MILS)
3B - PUMADEQ™ N-FLEECE REINFORCEMENT
3C - PUMADEQ™ FLEX 30SL (30 MILS)
- ④ COLOR STABLE TOP COAT:
4A - HENRY® DEQCOAT™ 50 (20 MILS)
4B - HENRY® DEQCOAT™ 50 (12 MILS)



NOTES:

1. DETAIL SHOWS HENRY® PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND PUMADEQ™ SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® PUMADEQ™ SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
3. DO NOT INSTALL PUMADEQ™ SYSTEM BEYOND PRIMED SURFACES.
4. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
5. REFER TO PUMADEQ™ SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL

**REINFORCED FIELD MEMBRANE ON SURFACE
PROFILES CSP 3-5 - COLOR STABLE TOP COAT**

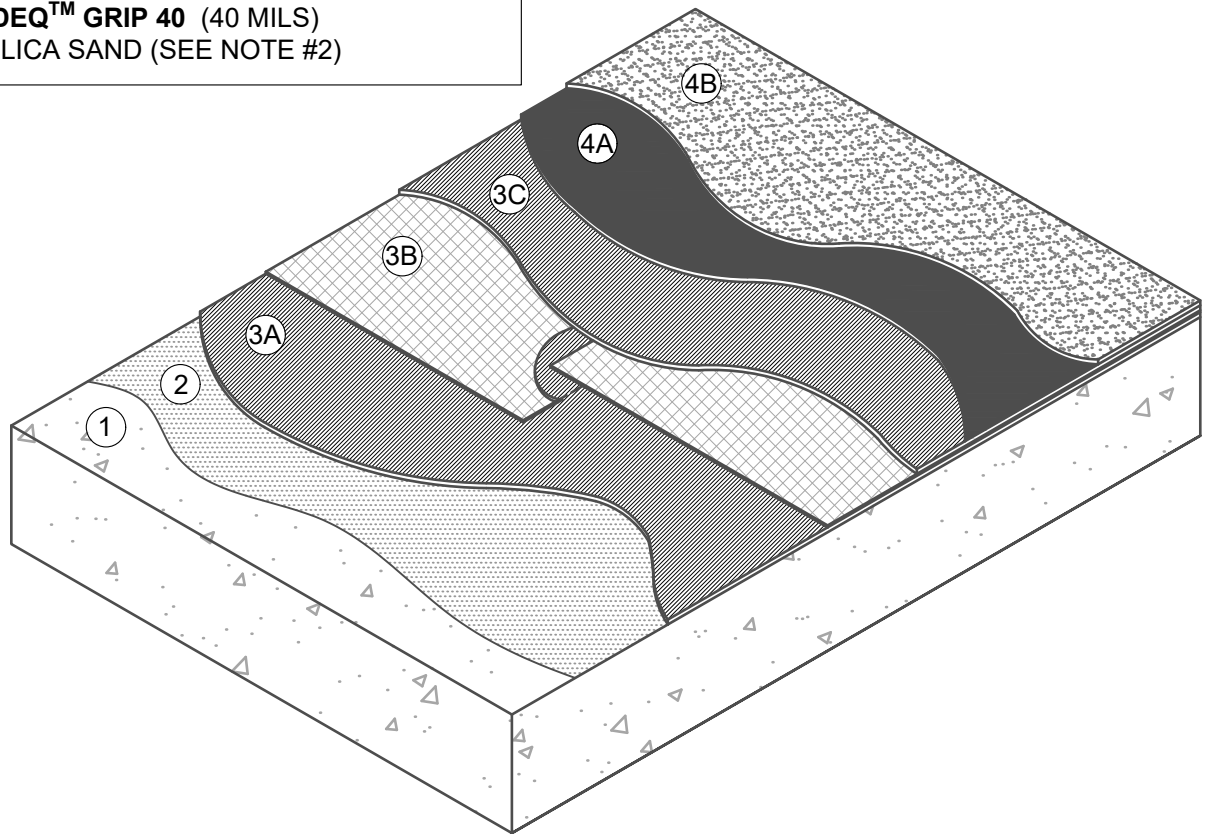
SCALE: N.T.S.

04-26-2019

PUMADEQ-WB

**PUMADEC™ SYSTEM WATERPROOFING ASSEMBLY
WITH A REINFORCED FIELD MEMBRANE
SEQUENCE OF INSTALLATION**

- ① DECK/SUBSTRATE AS SPECIFIED
- ② **PUMADEC™ PRIMER 20** OR **HENRY® GC PRIMER**
- ③ REINFORCED PUMA FIELD MEMBRANE:
3A - **PUMADEC™ FLEX 30SL** (50 MILS)
3B - **PUMADEC™ N-FLEECE** REINFORCEMENT
3C - **PUMADEC™ FLEX 30SL** (30 MILS)
- ④ WEAR COAT:
4A - **PUMADEC™ GRIP 40** (40 MILS)
4B - DRY SILICA SAND (SEE NOTE #2)



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEC™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEC™ GRIP 40**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEC™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEC™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEC™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEC™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
El Segundo, CA 90245
800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEC™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL

**REINFORCED FIELD MEMBRANE
SURFACE PROFILE CSP 3-5 - WEAR COAT**

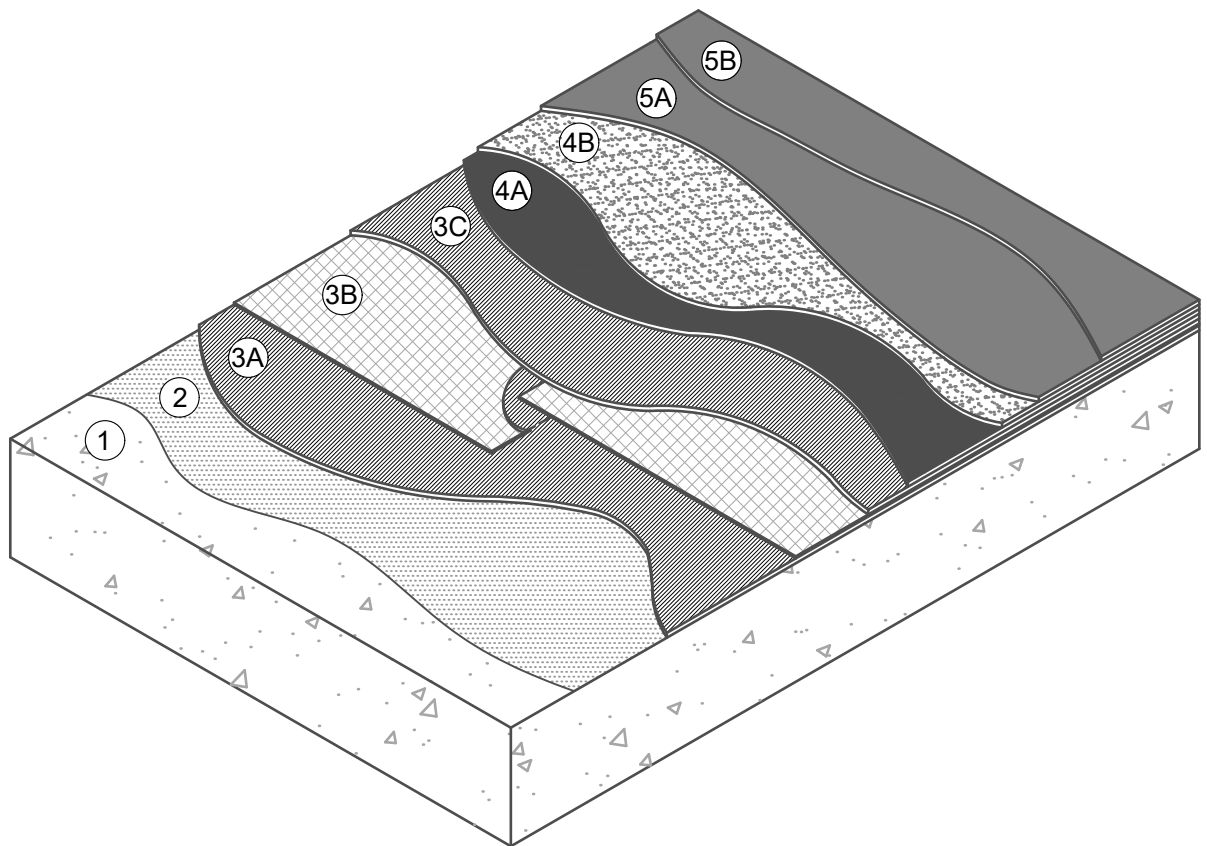
SCALE: N.T.S.

04-26-2019

PUMADEC-WC

**PUMADEQ™ SYSTEM WATERPROOFING ASSEMBLY
WITH A REINFORCED FIELD MEMBRANE - SEQUENCE OF INSTALLATION**

- | | |
|--|---|
| <p>① DECK/SUBSTRATE AS SPECIFIED</p> <p>② PUMADEQ™ PRIMER 20 OR HENRY® GC PRIMER</p> <p>③ REINFORCED PUMA FIELD MEMBRANE:
 3A - PUMADEQ™ FLEX 30SL (50 MILS)
 3B - PUMADEQ™ N-FLEECE REINFORCEMENT
 3C - PUMADEQ™ FLEX 30SL (30 MILS)</p> | <p>④ WEAR COAT:
 4A - PUMADEQ™ GRIP 40 (40 MILS)
 4B - DRY SILICA SAND (SEE NOTE #2)</p> <p>⑤ COLOR STABLE TOP COAT:
 5A - HENRY® DEQCOAT™ 50 (20 MILS)
 5B - HENRY® DEQCOAT™ 50 (12 MILS)</p> |
|--|---|



NOTES:

1. DETAIL SHOWS HENRY® **PUMADEQ™** SYSTEM WATERPROOFING ASSEMBLY WITH A REINFORCED FIELD MEMBRANE. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR AUTHORIZED SUBSTRATES.
2. FULLY BROADCAST, TO REJECTION, DRY SILICA SAND (SIEVE SIZE: #20-30) INTO WET **PUMADEQ™ GRIP 40**.
3. PREPARE AND PRIME VERTICAL SUBSTRATES A MINIMUM 2" BEYOND **PUMADEQ™** SYSTEM APPLICATION IN ACCORDANCE WITH HENRY® **PUMADEQ™** SYSTEM SUBSTRATE PREPARATION GUIDELINES TECH-TALK BULLETIN.
4. DO NOT INSTALL **PUMADEQ™** SYSTEM BEYOND PRIMED SURFACES.
5. HENRY® OFFERS PAVERS, RIGID INSULATION, AND PREFABRICATED DRAINAGE COMPOSITES AS A SINGLE SOURCE WARRANTY OPTION PER PROJECT SPECIFIC REQUIREMENTS (NOT SHOWN FOR CLARITY). CONTACT HENRY® FOR SYSTEM CONFIGURATIONS AND WARRANTY OPTIONS.
6. REFER TO **PUMADEQ™** SYSTEM GUIDE SPECIFICATION FOR RECOMMENDED INSTALLATION PROCEDURES.

Henry®

999 N. Pacific Coast Highway, Suite 800
 El Segundo, CA 90245
 800-486-1278 • www.henry.com

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY® DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

PUMADEQ™ SYSTEM - WATERPROOFING ASSEMBLY

SYSTEM DETAIL

**REINFORCED FIELD MEMBRANE
 SURFACE PROFILE CSP 3-5 - WEAR AND TOP COAT**

SCALE: N.T.S.

04-26-2019

PUMADEQ-WD

Warranty #: SAMPLE
Issued:
Expiration:

**HENRY COMPANY (“HENRY”)
5 YEAR EXTENDED MATERIAL WARRANTY
PUMADEQ™ HORIZONTAL WATERPROOFING (“PRODUCT”)**

Building Name:
Building Location:
Building OWNER: (“OWNER”)
Date Product(s) Installation Completed:
Contractor:
Square Footage:

What This Limited Warranty Covers:

Commencing with the date of completion of installation of the Product(s) and continuing for the duration of this Warranty, if manufacturing defects in the Product(s) cause the Product(s) to not perform in conformance with the Product(s) label or tech data sheet, as published on www.henry.com at time of warranty issuance, or for its intended application, then HENRY at its sole option will, subject to the following section (What This Warranty Does Not Cover), either (1) refund OWNER's original purchase price for the Product(s) prorated by the unused portion of the warranty term; or (2) provide the amount of Product(s) necessary to make repairs. Under option (1), during the first year after installation of the Product(s), HENRY will refund OWNER's purchase price for the Product(s), exclusive of installation cost and minus any proration and costs previously incurred by HENRY for the replacement of Product(s) under this Warranty. After the first year, the purchase price to be refunded will be prorated by the remaining number of years of the Warranty term, minus any cost previously incurred by HENRY for the replacement of Product(s) under this Warranty.

Decisions as to the extent of repair or replacement required will be made solely by HENRY. The opinion of HENRY with respect to this matter shall be final. The remedy under this Warranty is available only for that portion of the Product(s) exhibiting defects at the time of the warranty claim. The replacement Product(s) as well as any remaining original Product(s) will be warranted only for the original warranty period. This limited warranty applies only to Product(s) used for an application specified by HENRY for the Product(s) and applied in strict accordance with HENRY published specifications, as published on www.henry.com in effect at the time of application. IF PRODUCT(S) IS USED FOR OTHER THAN A HENRY SPECIFIED APPLICATION, MISUSED OR ABUSED, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product(s) will be free from manufacturing defects which affect the ability of the Product(s) to perform in conformance with the Product(s) label or tech data sheet for its intended application during the Warranty Period; it is not a warranty that the Product(s) will never leak or age or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section.

The Contractor who installs the Product(s) is not a representative, agent or employee of HENRY. HENRY therefore is not bound by any representations made by the Contractor and does not warrant or guarantee the Contractor's workmanship.

HENRY is not responsible or liable for: (a) personal injury or property damage of any kind, even if arising from a breach of this Warranty, (b) damage to the building, or to other components of the building or its contents, including mold, mildew or interruption or complete disruption in the use of the building, (c) expenses associated with installation, removal, excavation, or replacement of other materials, building assemblies, mechanical equipment or scaffolding in connection with accessing, testing, repairing, removal, or replacement of the Product(s), (d) change in color or other aesthetic diminution, and (e) damage to the Product(s) attributable to one or more of the following conditions:

1. Acts of God and natural calamities (including, but without limitation, lightning, Beaufort Scale 10 or higher winds, hurricane, tornado, hail, earthquake, flood, or other violent storm or casualty), impact of objects or damage to the Product(s) due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of the building, or for any splitting, cracking, blistering, delamination or separation of the Product(s) due to defect and/or failure of underlying materials not supplied by HENRY or for damage by foot traffic.
2. Civil insurrection, war, riot, terrorism, intentional destruction or vandalism.
3. Exposure to ionized radiation, contamination by radioactivity from any nuclear source, or bird droppings, chemical, or vermin attack on the Product(s).
4. Failure to timely report leaks or to repair leaks not covered by this Warranty.
5. Leaks caused by water entering from building components adjacent to the Product(s) or moisture migration either through or around other building components such as rooftop equipment, walls, copings, pitch pans and details which do not conform with HENRY details.
6. Installations on or through the Product(s) unless done in a manner prescribed and accepted by HENRY.
7. Repairs or alterations to the Product(s) that are not authorized first in writing by HENRY.
8. Normal wear and tear.
9. Any actions or cost resulting from Pumadeq strong, short term smell during application.
10. Discoloration, cleanliness, fading or appearance due to substrate surface profile, normal weathering, dirt and atmospheric pollutants.
11. Leaks due to residual water beneath Pumadeq installation, or from another part of the building where Pumadeq has not been installed.
12. Vapor drive and moisture vapor transmission from the substrate, not made clear to HENRY, in writing, before Pumadeq installation.
13. Damage caused by installation or removal of overburden.
14. Defects in the design, materials, construction or movement of the substrate or structure.
15. Any defects, damage or failure arising as a result of work or activity on Pumadeq by others, animals, wind launched debris, sharp or abrasive objects, fire or other causes beyond the control of HENRY.
16. Any building conditions not meeting ASTM C836 parameters.

Obtaining Warranty Service:

If the Product(s) fails to perform in conformance with the Product(s) label or tech data sheet for its intended application, notify HENRY by email at warranty@henry.com, within 48 hours or within the next business day after discovery of any defect in the Product(s). The OWNER must give written notice to HENRY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER. HENRY is not responsible for any claims without such proof of purchase. A purchase receipt or other proof of date of original purchase is required before warranty service is provided. Should the alleged failure or the remedy sought by the OWNER lie outside the scope of this Warranty, OWNER agrees to promptly reimburse HENRY for the cost of any investigation requested by OWNER, including remedy costs, plus a HENRY administrative fee of \$250.00.

Time for Remedy:

HENRY shall have forty-five (45) days after receipt of written notification of a Product(s) defect to initiate either of the remedies contained in this Warranty unless prevented by acts of God or events beyond HENRY's reasonable control.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, HENRY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT PROVIDED FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE HENRY PRODUCT(S). SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. HENRY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT(S) OTHER THAN THIS WARRANTY. THIS MATERIAL WARRANTY CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY HENRY'S WARRANTY MANAGER. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HENRY AND UNDER NO CIRCUMSTANCES SHALL HENRY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DAMAGE TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. HENRY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, GROSS NEGLIGENCE, BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

Conditions of Warranty:

HENRY's continuing liability under this Warranty is conditioned upon the following:

- a) The SYSTEM must terminate higher than any possible water level;

- b) The Product(s) was stored, handled, applied and maintained in accordance with HENRY's instructions, recommendations and specifications in effect at the time of application;
- c) The Product(s) and all components thereof have been sold by HENRY except where authorized by HENRY;
- d) HENRY and the Contractor have been paid in full for the Product(s);
- e) The Product(s) has not been altered, modified or repaired without prior written approval of HENRY;
- f) The OWNER has notified HENRY in writing of any failure of the Product(s) covered by this Warranty within thirty (30) days following such failure;
- g) There has been no misuse, abuse or negligence with respect to the Product(s) on the part of the OWNER, facility or mechanical tradesmen.

Transfer:

This Warranty is assignable conditioned upon prior written approval by HENRY. Such approval is subject to the terms, conditions and fees contained in HENRY's application for transfer of warranty.

Waiver:

HENRY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

OWNER's Agreement:

HENRY would not agree to assume the obligations contained in this Warranty in the absence of any of the limitations and exclusions contained herein. Therefore, (1) OWNER's agreement to each and every term of this Warranty is an essential condition precedent to HENRY's obligations hereunder; (2) in the absence of such agreement by the OWNER the Product(s) is sold AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; (3) failure of any condition precedent herein shall discharge HENRY from all further obligation under this Warranty, and the disclaimer herein of any other warranties, conditions and representations shall survive; and (4) by accepting or asserting any rights hereunder, OWNER irrevocably agrees to indemnify and hold harmless HENRY, its affiliates, successors, assigns, directors, officers, employees and agents (each an "Indemnified Party") from and against all claims, expenses (including attorney's fees and expenses), losses, liabilities and damages in any way related to or arising from matters described in the section of this Warranty entitled "What This Warranty Does Not Cover," and all amounts paid in defense of the foregoing which may be imposed upon, incurred by or asserted against an Indemnified Party by any person, firm or entity.

Except as otherwise expressly provided above, this Warranty shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflict of law rules.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY, IF OUTSIDE OF THE UNITED STATES.

HENRY COMPANY

By: _____
Name:

Date: _____

NOTE: SAMPLE WARRANTIES ARE PROVIDED CONDITIONALLY AND SHOULD NOT BE CONSTRUED OR INTERPRETED AS A REPRESENTATION OR PROMISE THAT HENRY WILL IN FACT PROVIDE SUCH A WARRANTY FOR A SPECIFIC PROJECT. HENRY WARRANTIES ARE NOT VALID OR BINDING UNLESS AND UNTIL ALL OF HENRY'S REQUIREMENTS FOR WARRANTY ISSUANCE ARE MET AND A PROJECT-SPECIFIC WARRANTY IS ISSUED. HENRY RESERVES THE RIGHT TO MODIFY THE TERMS OF ITS SAMPLE WARRANTIES FOR ANY REASON, AT ANYTIME, WITH OR WITHOUT NOTICE. FOR MORE INFORMATION ABOUT HENRY'S REQUIREMENTS, PLEASE CONTACT THE HENRY WARRANTY DEPARTMENT AT WARRANTY@HENRY.COM.

Warranty #: SAMPLE
Issued:
Expiration:

**HENRY COMPANY (“HENRY”)
5 YEAR EXTENDED MATERIAL WARRANTY
PUMADEQ PEDESTRIAN / BALCONY TRAFFIC (“PRODUCT”)**

Building Name:
Building Location:
Building OWNER: (“OWNER”)
Date Product(s) Installation Completed:
Contractor:
Square Footage:

What This Limited Warranty Covers:

Commencing with the date of completion of installation of the Product(s) and continuing for the duration of this Warranty, if manufacturing defects in the Product(s) cause the Product(s) to not perform in conformance with the Product(s) label or tech data sheet, as published on www.henry.com at time of warranty issuance, or for its intended application, then HENRY at its sole option will, subject to the following section (What This Warranty Does Not Cover), either (1) refund OWNER's original purchase price for the Product(s) prorated by the unused portion of the warranty term; or (2) provide the amount of Product(s) necessary to make repairs. Under option (1), during the first year after installation of the Product(s), HENRY will refund OWNER's purchase price for the Product(s), exclusive of installation cost and minus any proration and costs previously incurred by HENRY for the replacement of Product(s) under this Warranty. After the first year, the purchase price to be refunded will be prorated by the remaining number of years of the Warranty term, minus any cost previously incurred by HENRY for the replacement of Product(s) under this Warranty.

Decisions as to the extent of repair or replacement required will be made solely by HENRY. The opinion of HENRY with respect to this matter shall be final. The remedy under this Warranty is available only for that portion of the Product(s) exhibiting defects at the time of the warranty claim. The replacement Product(s) as well as any remaining original Product(s) will be warranted only for the original warranty period. This limited warranty applies only to Product(s) used for an application specified by HENRY for the Product(s) and applied in strict accordance with HENRY published specifications, as published on www.henry.com in effect at the time of application. IF PRODUCT(S) IS USED FOR OTHER THAN A HENRY SPECIFIED APPLICATION, MISUSED OR ABUSED, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product(s) will be free from manufacturing defects which affect the ability of the Product(s) to perform in conformance with the Product(s) label or tech data sheet for its intended application during the Warranty Period; it is not a warranty that the Product(s) will never leak or age or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section.

The Contractor who installs the Product(s) is not a representative, agent or employee of HENRY. HENRY therefore is not bound by any representations made by the Contractor and does not warrant or guarantee the Contractor's workmanship.

HENRY is not responsible or liable for: (a) personal injury or property damage of any kind, even if arising from a breach of this Warranty, (b) damage to the building, or to other components of the building or its contents, including mold, mildew or interruption or complete disruption in the use of the building, (c) expenses associated with installation, removal, excavation, or replacement of other materials, building assemblies, mechanical equipment or scaffolding in connection with accessing, testing, repairing, removal, or replacement of the Product(s), (d) change in color or other aesthetic diminution, and (e) damage to the Product(s) attributable to one or more of the following conditions:

1. Acts of God and natural calamities (including, but without limitation, lightning, Beaufort Scale 10 or higher winds, hurricane, tornado, hail, earthquake, flood, or other violent storm or casualty), impact of objects or damage to the Product(s) due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of the building, or for any splitting, cracking, blistering, delamination or separation of the Product(s) due to defect and/or failure of underlying materials not supplied by HENRY.
2. Civil insurrection, war, riot, terrorism, intentional destruction or vandalism.
3. Exposure to ionized radiation, contamination by radioactivity from any nuclear source, or bird droppings, chemical, or vermin attack on the Product(s).
4. Failure to timely report leaks or to repair leaks not covered by this Warranty.
5. Leaks caused by water entering from building components adjacent to the Product(s) or moisture migration either through or around other building components such as rooftop equipment, walls, copings, pitch pans and details which do not conform with HENRY details.
6. Installations on or through the Product(s) unless done in a manner prescribed and accepted by HENRY.
7. Repairs or alterations to the Product(s) that are not authorized first in writing by HENRY.
8. Normal wear and tear.
9. Any actions or cost resulting from Pumadeq strong, short term smell during application.
10. Discoloration, cleanliness, fading or appearance due to substrate surface profile, normal weathering, dirt and atmospheric pollutants.
11. Slip resistance reduction or appearance due to fair wear and tear.
12. Reflective cracking in the wear coat.
13. Leaks due to residual water beneath Pumadeq installation, or from another part of the building where Pumadeq has not been installed.
14. Vapor drive and moisture vapor transmission from the substrate, not made clear to HENRY, in writing, before Pumadeq installation.
15. Defects in the design, materials, construction or movement of the substrate or structure resulting in substrate bond or cohesive strength failure.
16. Any defects, damage, scratches, or failure arising as a result of snow plows, forklifts, work or activity on Pumadeq by others, animals, wind launched debris, sharp or abrasive objects, fire or other causes beyond the control of HENRY.
17. Any building conditions not meeting ASTM C957 parameters.

Obtaining Warranty Service:

If the Product(s) fails to perform in conformance with the Product(s) label or tech data sheet for its intended application, notify HENRY by email at warranty@henry.com, within 48 hours or within the next business day after discovery of any defect in the Product(s). The OWNER must give written notice to HENRY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER. HENRY is not responsible for any claims without such proof of purchase. A purchase receipt or other proof of date of original purchase is required before warranty service is provided. Should the alleged failure or the remedy sought by the OWNER lie outside the scope of this Warranty, OWNER agrees to promptly reimburse HENRY for the cost of any investigation requested by OWNER, including remedy costs, plus a HENRY administrative fee of \$250.00.

Time for Remedy:

HENRY shall have forty-five (45) days after receipt of written notification of a Product(s) defect to initiate either of the remedies contained in this Warranty unless prevented by acts of God or events beyond HENRY's reasonable control.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, HENRY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT PROVIDED FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE HENRY PRODUCT(S). SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. HENRY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT(S) OTHER THAN THIS WARRANTY. THIS MATERIAL WARRANTY CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY HENRY'S WARRANTY MANAGER. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HENRY AND UNDER NO CIRCUMSTANCES SHALL HENRY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DAMAGE TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. HENRY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, GROSS NEGLIGENCE, BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

Conditions of Warranty:

HENRY's continuing liability under this Warranty is conditioned upon the following:

- a) The SYSTEM must terminate higher than any possible water level;

- b) The Product(s) was stored, handled, applied and maintained in accordance with HENRY's instructions, recommendations and specifications in effect at the time of application;
- c) The Product(s) and all components thereof have been sold by HENRY except where authorized by HENRY;
- d) HENRY and the Contractor have been paid in full for the Product(s);
- e) The Product(s) has not been altered, modified or repaired without prior written approval of HENRY;
- f) The OWNER has notified HENRY in writing of any failure of the Product(s) covered by this Warranty within thirty (30) days following such failure;
- g) There has been no misuse, abuse or negligence with respect to the Product(s) on the part of the OWNER, facility or mechanical tradesmen.

Transfer:

This Warranty is assignable conditioned upon prior written approval by HENRY. Such approval is subject to the terms, conditions and fees contained in HENRY's application for transfer of warranty.

Waiver:

HENRY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

OWNER's Agreement:

HENRY would not agree to assume the obligations contained in this Warranty in the absence of any of the limitations and exclusions contained herein. Therefore, (1) OWNER's agreement to each and every term of this Warranty is an essential condition precedent to HENRY's obligations hereunder; (2) in the absence of such agreement by the OWNER the Product(s) is sold AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; (3) failure of any condition precedent herein shall discharge HENRY from all further obligation under this Warranty, and the disclaimer herein of any other warranties, conditions and representations shall survive; and (4) by accepting or asserting any rights hereunder, OWNER irrevocably agrees to indemnify and hold harmless HENRY, its affiliates, successors, assigns, directors, officers, employees and agents (each an "Indemnified Party") from and against all claims, expenses (including attorney's fees and expenses), losses, liabilities and damages in any way related to or arising from matters described in the section of this Warranty entitled "What This Warranty Does Not Cover," and all amounts paid in defense of the foregoing which may be imposed upon, incurred by or asserted against an Indemnified Party by any person, firm or entity.

Except as otherwise expressly provided above, this Warranty shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflict of law rules.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY, IF OUTSIDE OF THE UNITED STATES.

HENRY COMPANY

By: _____
Name:

Date: _____

NOTE: SAMPLE WARRANTIES ARE PROVIDED CONDITIONALLY AND SHOULD NOT BE CONSTRUED OR INTERPRETED AS A REPRESENTATION OR PROMISE THAT HENRY WILL IN FACT PROVIDE SUCH A WARRANTY FOR A SPECIFIC PROJECT. HENRY WARRANTIES ARE NOT VALID OR BINDING UNLESS AND UNTIL ALL OF HENRY'S REQUIREMENTS FOR WARRANTY ISSUANCE ARE MET AND A PROJECT-SPECIFIC WARRANTY IS ISSUED. HENRY RESERVES THE RIGHT TO MODIFY THE TERMS OF ITS SAMPLE WARRANTIES FOR ANY REASON, AT ANYTIME, WITH OR WITHOUT NOTICE. FOR MORE INFORMATION ABOUT HENRY'S REQUIREMENTS, PLEASE CONTACT THE HENRY WARRANTY DEPARTMENT AT WARRANTY@HENRY.COM.

Warranty #: SAMPLE
Issued:
Expiration:

**HENRY COMPANY ("HENRY")
5 YEAR EXTENDED MATERIAL WARRANTY
PUMADEQ VEHICULAR TRAFFIC ("PRODUCT")**

Building Name:
Building Location:
Building OWNER: ("OWNER")
Date Product(s) Installation Completed:
Contractor:
Square Footage:

What This Limited Warranty Covers:

Commencing with the date of completion of installation of the Product(s) and continuing for the duration of this Warranty, if manufacturing defects in the Product(s) cause the Product(s) to not perform in conformance with the Product(s) label or tech data sheet, as published on www.henry.com at time of warranty issuance, or for its intended application, then HENRY at its sole option will, subject to the following section (What This Warranty Does Not Cover), either (1) refund OWNER's original purchase price for the Product(s) prorated by the unused portion of the warranty term; or (2) provide the amount of Product(s) necessary to make repairs. Under option (1), during the first year after installation of the Product(s), HENRY will refund OWNER's purchase price for the Product(s), exclusive of installation cost and minus any proration and costs previously incurred by HENRY for the replacement of Product(s) under this Warranty. After the first year, the purchase price to be refunded will be prorated by the remaining number of years of the Warranty term, minus any cost previously incurred by HENRY for the replacement of Product(s) under this Warranty.

Decisions as to the extent of repair or replacement required will be made solely by HENRY. The opinion of HENRY with respect to this matter shall be final. The remedy under this Warranty is available only for that portion of the Product(s) exhibiting defects at the time of the warranty claim. The replacement Product(s) as well as any remaining original Product(s) will be warranted only for the original warranty period. This limited warranty applies only to Product(s) used for an application specified by HENRY for the Product(s) and applied in strict accordance with HENRY published specifications, as published on www.henry.com in effect at the time of application. IF PRODUCT(S) IS USED FOR OTHER THAN A HENRY SPECIFIED APPLICATION, MISUSED OR ABUSED, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product(s) will be free from manufacturing defects which affect the ability of the Product(s) to perform in conformance with the Product(s) label or tech data sheet for its intended application during the Warranty Period; it is not a warranty that the Product(s) will never leak or age or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section.

The Contractor who installs the Product(s) is not a representative, agent or employee of HENRY. HENRY therefore is not bound by any representations made by the Contractor and does not warrant or guarantee the Contractor's workmanship.

HENRY is not responsible or liable for: (a) personal injury or property damage of any kind, even if arising from a breach of this Warranty, (b) damage to the building, or to other components of the building or its contents, including mold, mildew or interruption or complete disruption in the use of the building, (c) expenses associated with installation, removal, excavation, or replacement of other materials, building assemblies, mechanical equipment or scaffolding in connection with accessing, testing, repairing, removal, or replacement of the Product(s), (d) change in color or other aesthetic diminution, and (e) damage to the Product(s) attributable to one or more of the following conditions:

1. Acts of God and natural calamities (including, but without limitation, lightning, Beaufort Scale 10 or higher winds, hurricane, tornado, hail, earthquake, flood, or other violent storm or casualty), impact of objects or damage to the Product(s) due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of the building, or for any splitting, cracking, blistering, delamination or separation of the Product(s) due to defect and/or failure of underlying materials not supplied by HENRY.
2. Civil insurrection, war, riot, terrorism, intentional destruction or vandalism.
3. Exposure to ionized radiation, contamination by radioactivity from any nuclear source, or bird droppings, chemical, or vermin attack on the Product(s).
4. Failure to timely report leaks or to repair leaks not covered by this Warranty.
5. Leaks caused by water entering from building components adjacent to the Product(s) or moisture migration either through or around other building components such as rooftop equipment, walls, copings, pitch pans and details which do not conform with HENRY details.
6. Installations on or through the Product(s) unless done in a manner prescribed and accepted by HENRY.
7. Repairs or alterations to the Product(s) that are not authorized first in writing by HENRY.
8. Normal wear and tear.
9. Any actions or cost resulting from Pumadeq strong, short term smell during application.
10. Discoloration, cleanliness, fading or appearance due to substrate surface profile, normal weathering, dirt and atmospheric pollutants.
11. Skid resistance reduction or appearance due to fair wear and tear.
12. Reflective cracking in the wear coat.
13. Leaks due to residual water beneath Pumadeq installation, or from another part of the building where Pumadeq has not been installed.
14. Vapor drive and moisture vapor transmission from the substrate, not made clear to HENRY, in writing, before Pumadeq installation.
15. Defects in the design, materials, construction or movement of the substrate or structure resulting in substrate bond or cohesive strength failure.
16. Any defects, damage or failure arising as a result of snow plows, forklifts, work or activity on Pumadeq by others, animals, wind launched debris, sharp or abrasive objects, fire or other causes beyond the control of HENRY.
17. Any building conditions not meeting ASTM C957 parameters.

Obtaining Warranty Service:

If the Product(s) fails to perform in conformance with the Product(s) label or tech data sheet for its intended application, notify HENRY by email at warranty@henry.com, within 48 hours or within the next business day after discovery of any defect in the Product(s). The OWNER must give written notice to HENRY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER. HENRY is not responsible for any claims without such proof of purchase. A purchase receipt or other proof of date of original purchase is required before warranty service is provided. Should the alleged failure or the remedy sought by the OWNER lie outside the scope of this Warranty, OWNER agrees to promptly reimburse HENRY for the cost of any investigation requested by OWNER, including remedy costs, plus a HENRY administrative fee of \$250.00.

Time for Remedy:

HENRY shall have forty-five (45) days after receipt of written notification of a Product(s) defect to initiate either of the remedies contained in this Warranty unless prevented by acts of God or events beyond HENRY's reasonable control.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, HENRY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT PROVIDED FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE HENRY PRODUCT(S). SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. HENRY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT(S) OTHER THAN THIS WARRANTY. THIS MATERIAL WARRANTY CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY HENRY'S WARRANTY MANAGER. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HENRY AND UNDER NO CIRCUMSTANCES SHALL HENRY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DAMAGE TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. HENRY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, GROSS NEGLIGENCE, BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

Conditions of Warranty:

HENRY's continuing liability under this Warranty is conditioned upon the following:

- a) The SYSTEM must terminate higher than any possible water level;

- b) The Product(s) was stored, handled, applied and maintained in accordance with HENRY's instructions, recommendations and specifications in effect at the time of application;
- c) The Product(s) and all components thereof have been sold by HENRY except where authorized by HENRY;
- d) HENRY and the Contractor have been paid in full for the Product(s);
- e) The Product(s) has not been altered, modified or repaired without prior written approval of HENRY;
- f) The OWNER has notified HENRY in writing of any failure of the Product(s) covered by this Warranty within thirty (30) days following such failure;
- g) There has been no misuse, abuse or negligence with respect to the Product(s) on the part of the OWNER, facility or mechanical tradesmen.

Transfer:

This Warranty is assignable conditioned upon prior written approval by HENRY. Such approval is subject to the terms, conditions and fees contained in HENRY's application for transfer of warranty.

Waiver:

HENRY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

OWNER's Agreement:

HENRY would not agree to assume the obligations contained in this Warranty in the absence of any of the limitations and exclusions contained herein. Therefore, (1) OWNER's agreement to each and every term of this Warranty is an essential condition precedent to HENRY's obligations hereunder; (2) in the absence of such agreement by the OWNER the Product(s) is sold AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; (3) failure of any condition precedent herein shall discharge HENRY from all further obligation under this Warranty, and the disclaimer herein of any other warranties, conditions and representations shall survive; and (4) by accepting or asserting any rights hereunder, OWNER irrevocably agrees to indemnify and hold harmless HENRY, its affiliates, successors, assigns, directors, officers, employees and agents (each an "Indemnified Party") from and against all claims, expenses (including attorney's fees and expenses), losses, liabilities and damages in any way related to or arising from matters described in the section of this Warranty entitled "What This Warranty Does Not Cover," and all amounts paid in defense of the foregoing which may be imposed upon, incurred by or asserted against an Indemnified Party by any person, firm or entity.

Except as otherwise expressly provided above, this Warranty shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflict of law rules.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY, IF OUTSIDE OF THE UNITED STATES.

HENRY COMPANY

By: _____
Name:

Date: _____

NOTE: SAMPLE WARRANTIES ARE PROVIDED CONDITIONALLY AND SHOULD NOT BE CONSTRUED OR INTERPRETED AS A REPRESENTATION OR PROMISE THAT HENRY WILL IN FACT PROVIDE SUCH A WARRANTY FOR A SPECIFIC PROJECT. HENRY WARRANTIES ARE NOT VALID OR BINDING UNLESS AND UNTIL ALL OF HENRY'S REQUIREMENTS FOR WARRANTY ISSUANCE ARE MET AND A PROJECT-SPECIFIC WARRANTY IS ISSUED. HENRY RESERVES THE RIGHT TO MODIFY THE TERMS OF ITS SAMPLE WARRANTIES FOR ANY REASON, AT ANYTIME, WITH OR WITHOUT NOTICE. FOR MORE INFORMATION ABOUT HENRY'S REQUIREMENTS, PLEASE CONTACT THE HENRY WARRANTY DEPARTMENT AT WARRANTY@HENRY.COM.

Warranty #: SAMPLE
Issued:
Expiration:

**HENRY COMPANY (“HENRY”)
5 YEAR EXTENDED MATERIAL WARRANTY
PUMADEQ WATER RETENTION (“PRODUCT”)**

Building Name:
Building Location:
Building OWNER: (“OWNER”)
Date Product(s) Installation Completed:
Contractor:
Square Footage:

What This Limited Warranty Covers:

Commencing with the date of completion of installation of the Product(s) and continuing for the duration of this Warranty, if manufacturing defects in the Product(s) cause the Product(s) to not perform in conformance with the Product(s) label or tech data sheet, as published on www.henry.com at time of warranty issuance, or for its intended application, then HENRY at its sole option will, subject to the following section (What This Warranty Does Not Cover), either (1) refund OWNER's original purchase price for the Product(s) prorated by the unused portion of the warranty term; or (2) provide the amount of Product(s) necessary to make repairs. Under option (1), during the first year after installation of the Product(s), HENRY will refund OWNER's purchase price for the Product(s), exclusive of installation cost and minus any proration and costs previously incurred by HENRY for the replacement of Product(s) under this Warranty. After the first year, the purchase price to be refunded will be prorated by the remaining number of years of the Warranty term, minus any cost previously incurred by HENRY for the replacement of Product(s) under this Warranty.

Decisions as to the extent of repair or replacement required will be made solely by HENRY. The opinion of HENRY with respect to this matter shall be final. The remedy under this Warranty is available only for that portion of the Product(s) exhibiting defects at the time of the warranty claim. The replacement Product(s) as well as any remaining original Product(s) will be warranted only for the original warranty period. This limited warranty applies only to Product(s) used for an application specified by HENRY for the Product(s) and applied in strict accordance with HENRY published specifications, as published on www.henry.com in effect at the time of application. IF PRODUCT(S) IS USED FOR OTHER THAN A HENRY SPECIFIED APPLICATION, MISUSED OR ABUSED, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product(s) will be free from manufacturing defects which affect the ability of the Product(s) to perform in conformance with the Product(s) label or tech data sheet for its intended application during the Warranty Period; it is not a warranty that the Product(s) will never leak or age or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section.

The Contractor who installs the Product(s) is not a representative, agent or employee of HENRY. HENRY therefore is not bound by any representations made by the Contractor and does not warrant or guarantee the Contractor's workmanship.

HENRY is not responsible or liable for: (a) personal injury or property damage of any kind, even if arising from a breach of this Warranty, (b) damage to the building, or to other components of the building or its contents, including mold, mildew or interruption or complete disruption in the use of the building, (c) expenses associated with installation, removal, excavation, or replacement of other materials, building assemblies, mechanical equipment or scaffolding in connection with accessing, testing, repairing, removal, or replacement of the Product(s), (d) change in color or other aesthetic diminution, and (e) damage to the Product(s) attributable to one or more of the following conditions:

1. Acts of God and natural calamities (including, but without limitation, lightning, Beaufort Scale 10 or higher winds, hurricane, tornado, hail, earthquake, flood, or other violent storm or casualty), impact of objects or damage to the Product(s) due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of the building, or for any splitting, cracking, blistering, delamination or separation of the Product(s) due to defect and/or failure of underlying materials not supplied by HENRY or for damage by foot traffic.
2. Civil insurrection, war, riot, terrorism, intentional destruction or vandalism.
3. Exposure to ionized radiation, contamination by radioactivity from any nuclear source, or bird droppings, chemical, or vermin attack on the Product(s).
4. Failure to timely report leaks or to repair leaks not covered by this Warranty.
5. Leaks caused by water entering from building components adjacent to the Product(s) or moisture migration either through or around other building components such as rooftop equipment, walls, copings, pitch pans and details which do not conform with HENRY details.
6. Installations on or through the Product(s) unless done in a manner prescribed and accepted by HENRY.
7. Repairs or alterations to the Product(s) that are not authorized first in writing by HENRY.
8. Normal wear and tear.
9. Any actions or cost resulting from Pumadeq strong, short term smell during application.
10. Discoloration, cleanliness, fading or appearance due to substrate surface profile, normal weathering, dirt and atmospheric pollutants.
11. Leaks due to residual water beneath Pumadeq installation, or from another part of the building where Pumadeq has not been installed.
12. Vapor drive and moisture vapor transmission from the substrate, not made clear to HENRY, in writing, before Pumadeq installation.
13. Damage caused by installation or removal of overburden.
14. Defects in the design, materials, construction or movement of the substrate or structure.
15. Any defects, damage or failure arising as a result of work or activity on Pumadeq by others, animals, wind launched debris, sharp or abrasive objects, fire or other causes beyond the control of HENRY.
16. Failure due to chemicals that contact Pumadeq, not approved by HENRY in writing, before Pumadeq installation.
17. Any building conditions not meeting ASTM C836 parameters.

Obtaining Warranty Service:

If the Product(s) fails to perform in conformance with the Product(s) label or tech data sheet for its intended application, notify HENRY by email at warranty@henry.com, within 48 hours or within the next business day after discovery of any defect in the Product(s). The OWNER must give written notice to HENRY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER. HENRY is not responsible for any claims without such proof of purchase. A purchase receipt or other proof of date of original purchase is required before warranty service is provided. Should the alleged failure or the remedy sought by the OWNER lie outside the scope of this Warranty, OWNER agrees to promptly reimburse HENRY for the cost of any investigation requested by OWNER, including remedy costs, plus a HENRY administrative fee of \$250.00.

Time for Remedy:

HENRY shall have forty-five (45) days after receipt of written notification of a Product(s) defect to initiate either of the remedies contained in this Warranty unless prevented by acts of God or events beyond HENRY's reasonable control.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, HENRY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT PROVIDED FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE HENRY PRODUCT(S). SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. HENRY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT(S) OTHER THAN THIS WARRANTY. THIS MATERIAL WARRANTY CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY HENRY'S WARRANTY MANAGER. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HENRY AND UNDER NO CIRCUMSTANCES SHALL HENRY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DAMAGE TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. HENRY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, GROSS NEGLIGENCE, BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

Conditions of Warranty:

HENRY's continuing liability under this Warranty is conditioned upon the following:

- a) The SYSTEM must terminate higher than any possible water level;
- b) The Product(s) and all components thereof have been sold by HENRY except where authorized by HENRY;

- c) The Product(s) was stored, handled, applied and maintained in accordance with HENRY's instructions, recommendations and specifications in effect at the time of application;
- d) HENRY and the Contractor have been paid in full for the Product(s);
- e) The Product(s) has not been altered, modified or repaired without prior written approval of HENRY;
- f) The OWNER has notified HENRY in writing of any failure of the Product(s) covered by this Warranty within thirty (30) days following such failure;
- g) There has been no misuse, abuse or negligence with respect to the Product(s) on the part of the OWNER, facility or mechanical tradesmen;
- h) Pumadeq can only be used for tap or rain water retention. It cannot be used for potable water.

Transfer:

This Warranty is assignable conditioned upon prior written approval by HENRY. Such approval is subject to the terms, conditions and fees contained in HENRY's application for transfer of warranty.

Waiver:

HENRY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

OWNER's Agreement:

HENRY would not agree to assume the obligations contained in this Warranty in the absence of any of the limitations and exclusions contained herein. Therefore, (1) OWNER's agreement to each and every term of this Warranty is an essential condition precedent to HENRY's obligations hereunder; (2) in the absence of such agreement by the OWNER the Product(s) is sold AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; (3) failure of any condition precedent herein shall discharge HENRY from all further obligation under this Warranty, and the disclaimer herein of any other warranties, conditions and representations shall survive; and (4) by accepting or asserting any rights hereunder, OWNER irrevocably agrees to indemnify and hold harmless HENRY, its affiliates, successors, assigns, directors, officers, employees and agents (each an "Indemnified Party") from and against all claims, expenses (including attorney's fees and expenses), losses, liabilities and damages in any way related to or arising from matters described in the section of this Warranty entitled "What This Warranty Does Not Cover," and all amounts paid in defense of the foregoing which may be imposed upon, incurred by or asserted against an Indemnified Party by any person, firm or entity.

Except as otherwise expressly provided above, this Warranty shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflict of law rules.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY, IF OUTSIDE OF THE UNITED STATES.

HENRY COMPANY

By: _____
Name:

Date: _____

NOTE: SAMPLE WARRANTIES ARE PROVIDED CONDITIONALLY AND SHOULD NOT BE CONSTRUED OR INTERPRETED AS A REPRESENTATION OR PROMISE THAT HENRY WILL IN FACT PROVIDE SUCH A WARRANTY FOR A SPECIFIC PROJECT. HENRY WARRANTIES ARE NOT VALID OR BINDING UNLESS AND UNTIL ALL OF HENRY'S REQUIREMENTS FOR WARRANTY ISSUANCE ARE MET AND A PROJECT-SPECIFIC WARRANTY IS ISSUED. HENRY RESERVES THE RIGHT TO MODIFY THE TERMS OF ITS SAMPLE WARRANTIES FOR ANY REASON, AT ANYTIME, WITH OR WITHOUT NOTICE. FOR MORE INFORMATION ABOUT HENRY'S REQUIREMENTS, PLEASE CONTACT THE HENRY WARRANTY DEPARTMENT AT WARRANTY@HENRY.COM.

Product Certification

Henry® Pumadeq™ Flex 30SL Waterproofing Membrane

Pumadeq Flex 30SL is a 2-part, elastic waterproofing membrane based on polyurethane methyl methacrylate chemistry.

Pumadeq Flex 30SL is a self-leveling membrane intended for horizontal applications.

Pumadeq Flex 30SL is compatible with the following commonly used Henry products:

- Pumadeq N Fleece
- Pumadeq Cleaning Fluid
- Pumadeq Catalyst
- Pumadeq Primers (GC Epoxy / Primer 20)
- Pumadeq Flex 31MV
- Pumadeq Flex 32TX
- Prodeq
- 790-11 Waterproofing Membrane
- CM100 Waterproofing Membrane
- Blueskin WP200
- Blueskin SA
- Blueskin Metal Clad
- Blueskin Butylflash
- Blueskin PE200HT
- Blueskin RF200
- 925 BES Sealant
- NP180 Modbit
- Duratac Membrane

Pumadeq Flex 30SL is compatible with cast-in-place and precast normal weight concrete, lightweight structural concrete, modified bitumen sheet membrane, steel, stainless steel, aluminum, galvanized metal, copper, rigid PVC, dimensional lumber and plywood.

Pumadeq Flex 30SL has 0 VOC content

Henry Company production facilities maintain and adhere to a full-time quality control program.

Physical properties and application instructions are available on Henry technical data sheets viewable at www.henry.com. or upon request.

Product Certification

Henry® Pumadeq™ Flex 31MV Waterproofing Membrane

Pumadeq Flex 31MV is a 2-part, elastic waterproofing membrane based on polyurethane methyl methacrylate chemistry.

Pumadeq Flex 31MV can be used on all slopes ranging from dead level to vertical.

Pumadeq Flex 31MV is compatible with the following commonly used Henry products:

- Pumadeq N Fleece
- Pumadeq Cleaning Fluid
- Pumadeq Catalyst
- Pumadeq Primers (GC Epoxy / Primer 20)
- Pumadeq Flex 30SL
- Pumadeq Flex 32TX
- Prodeq
- 790-11 Waterproofing Membrane
- CM100 Waterproofing Membrane
- Blueskin WP200
- Blueskin SA
- Blueskin Metal Clad
- Blueskin Butylflash
- Blueskin PE200HT
- Blueskin RF200
- 925 BES Sealant
- NP180 Modbit
- Duratac Membrane

Pumadeq Flex 31MV is compatible with cast-in-place and precast normal weight concrete, lightweight structural concrete, modified bitumen sheet membrane, CMU, steel, stainless steel, aluminum, galvanized metal, copper, rigid PVC, dimensional lumber and plywood.

Pumadeq Flex 31MV has 0 VOC content

Henry Company production facilities maintain and adhere to a full-time quality control program.

Physical properties and application instructions are available on Henry technical data sheets viewable at www.henry.com. or upon request.

LEED Certification

PRODUCT: **Pumadeq Flex 30SL Resin**

MR - CREDIT 4.x – RECYCLED CONTENT

RECYCLED CONTENT (POST-CONSUMER): 0%

RECYCLED CONTENT (POST-INDUSTRIAL): 0%

MR - CREDIT 5.x– REGIONAL MATERIALS

EXTRACTION SITE: Raw materials are sourced to Henry from various North American sources and extraction site of raw materials may vary without notice. As a result, the extraction site of materials used to manufacture this product is undetermined.

MANUFACTURING SITE: 23 Commerce Rd, Fairfield, NJ 07004

VOC CONTENT: 0 g/L calculated less water