

Senergy[®]



Sentry Stucco Ultra Wall System

Premium Impact and Puncture Resistant, Rain Screen Design
Cement Plaster Stucco System with Enhanced Water Management

Typical 2D Details

BUILDING TRUST



Sentry Stucco Ultra Wall System

Typical 2D Details

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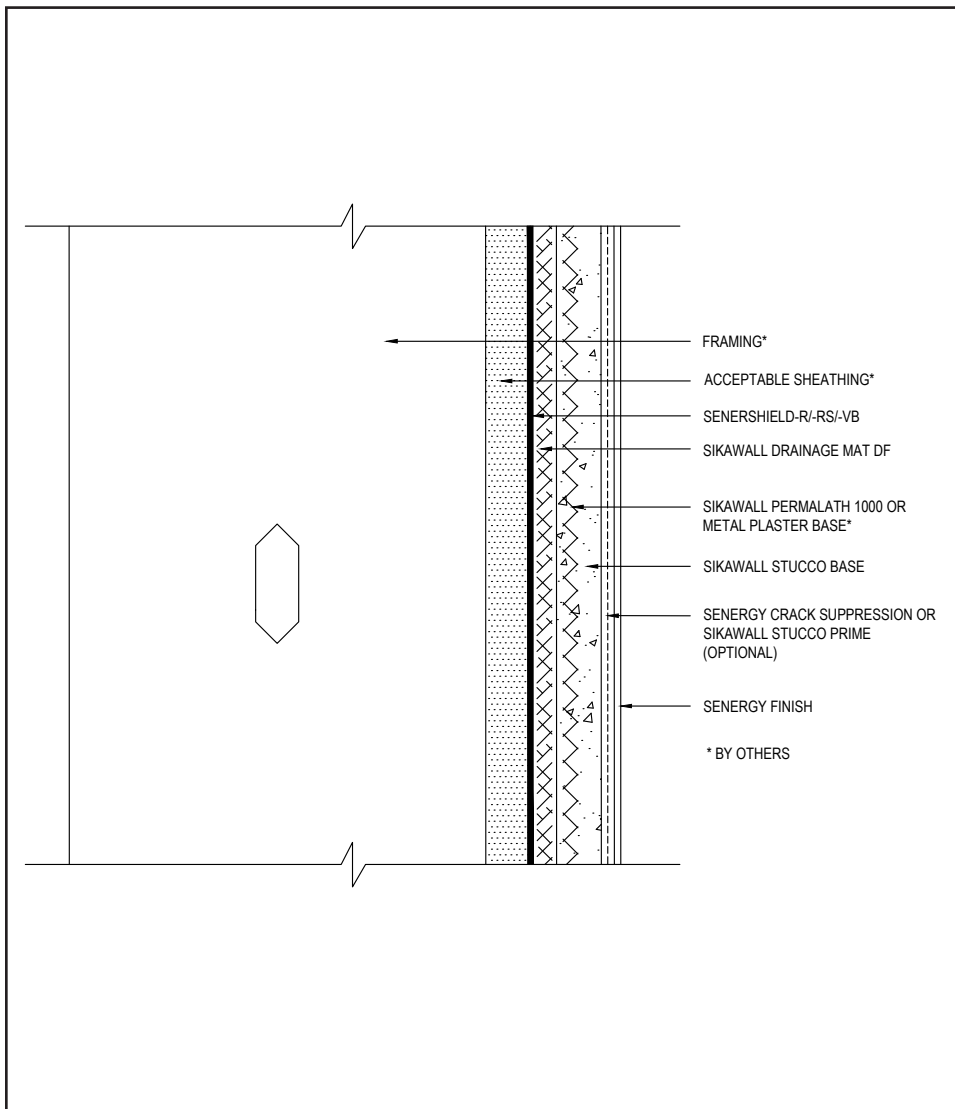
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Notes:

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Sentry Stucco Ultra Wall System

TYPICAL APPLICATION OVER STEEL FRAMING



- Ensure Senersshield-R/-RS/-VB is dry prior to SikaWall Drainage Mat DF installation.
- Install SikaWall Drainage Mat DF with the fabric side facing out.

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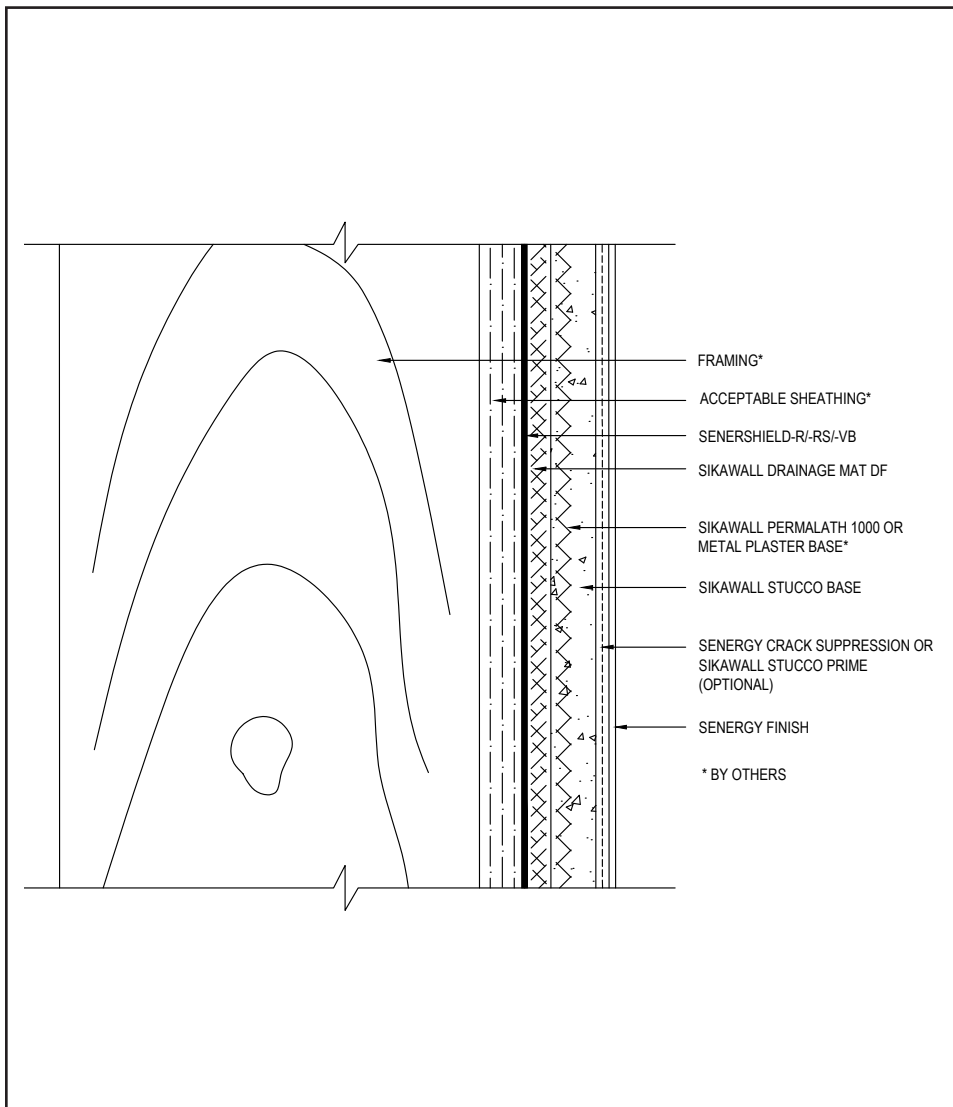
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TYPICAL APPLICATION OVER WOOD FRAMING



- Wood based sheathing requires two coats of Senershield-R/-RS/-VB. It can be sprayed to a 20-22 mil thickness in one wet application.
- Ensure Senershield-R/-RS/-VB is dry prior to SikaWall Drainage Mat DF installation.
- Install SikaWall Drainage Mat DF with the fabric side facing out.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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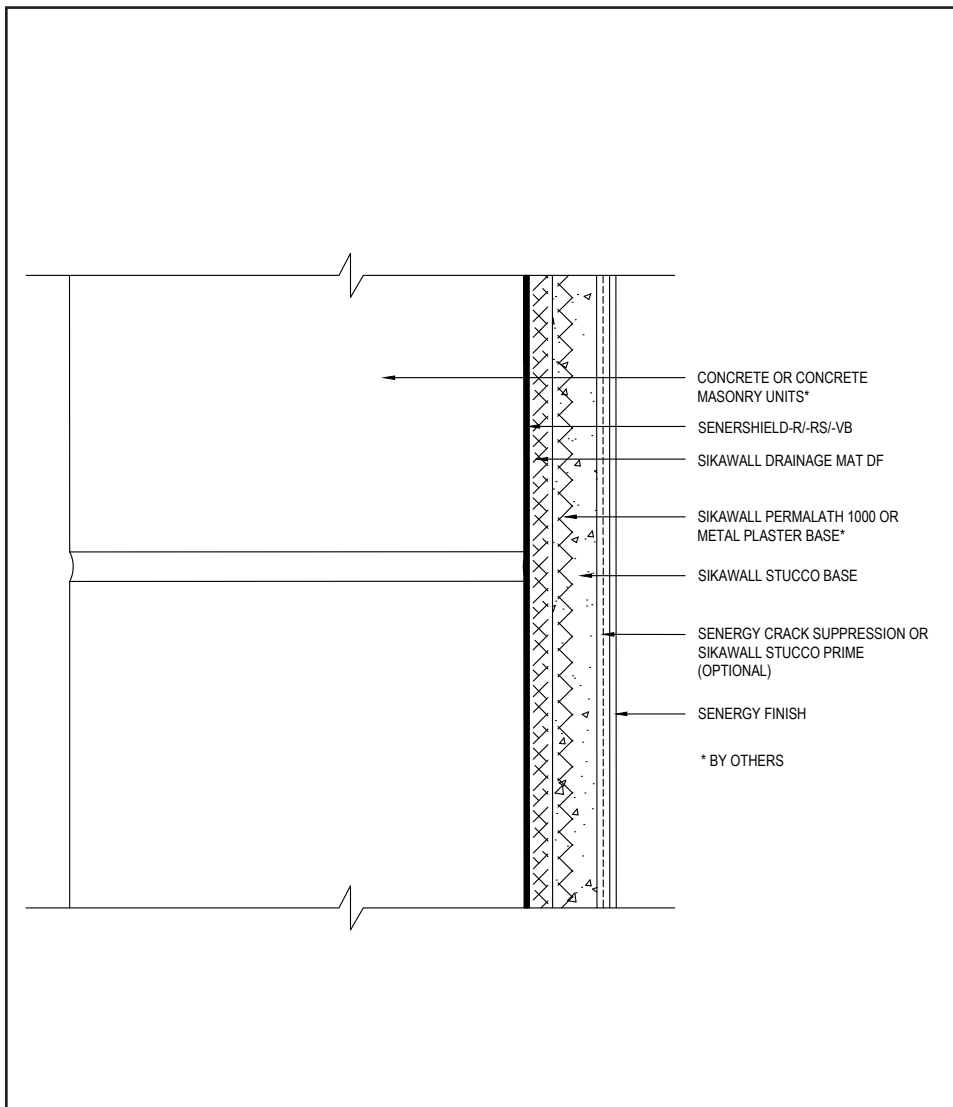
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Sentry Stucco Ultra Wall System

TYPICAL APPLICATION OVER CMU OR CONCRETE



- Multiple coats of Senershield-R/-RS/-VB may be required to achieve a pin-hole free application.
- Ensure Senershield-R/-RS/-VB is dry prior to SikaWall Drainage Mat DF installation.
- Install SikaWall Drainage Mat DF with the fabric side facing out.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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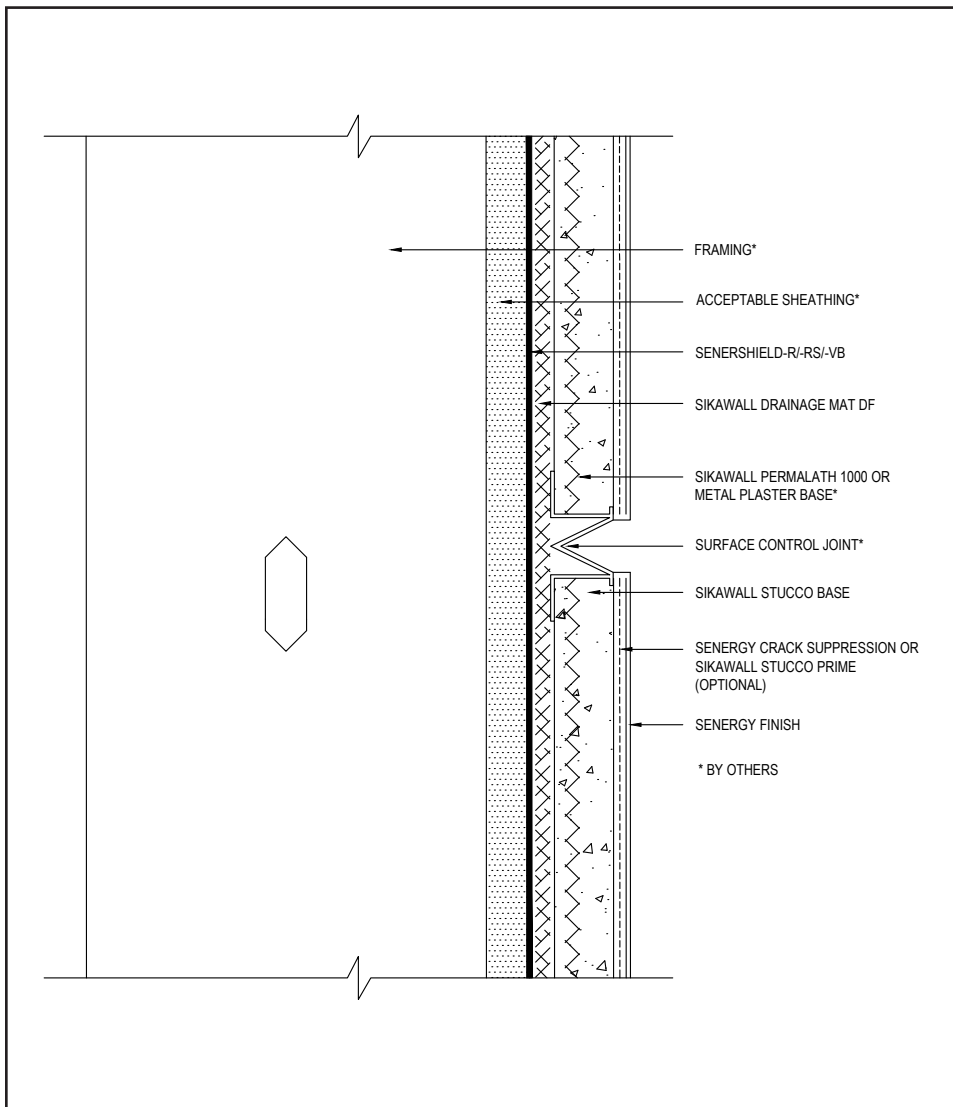
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Sentry Stucco Ultra Wall System

TYPICAL SURFACE CONTROL JOINT



- Provide control joints at a maximum 144 ft² (13.4 m²) and placement as determined by the design professional.
- Install per requirements of ASTM C1063.
- Lath must be broken at the joint accessory.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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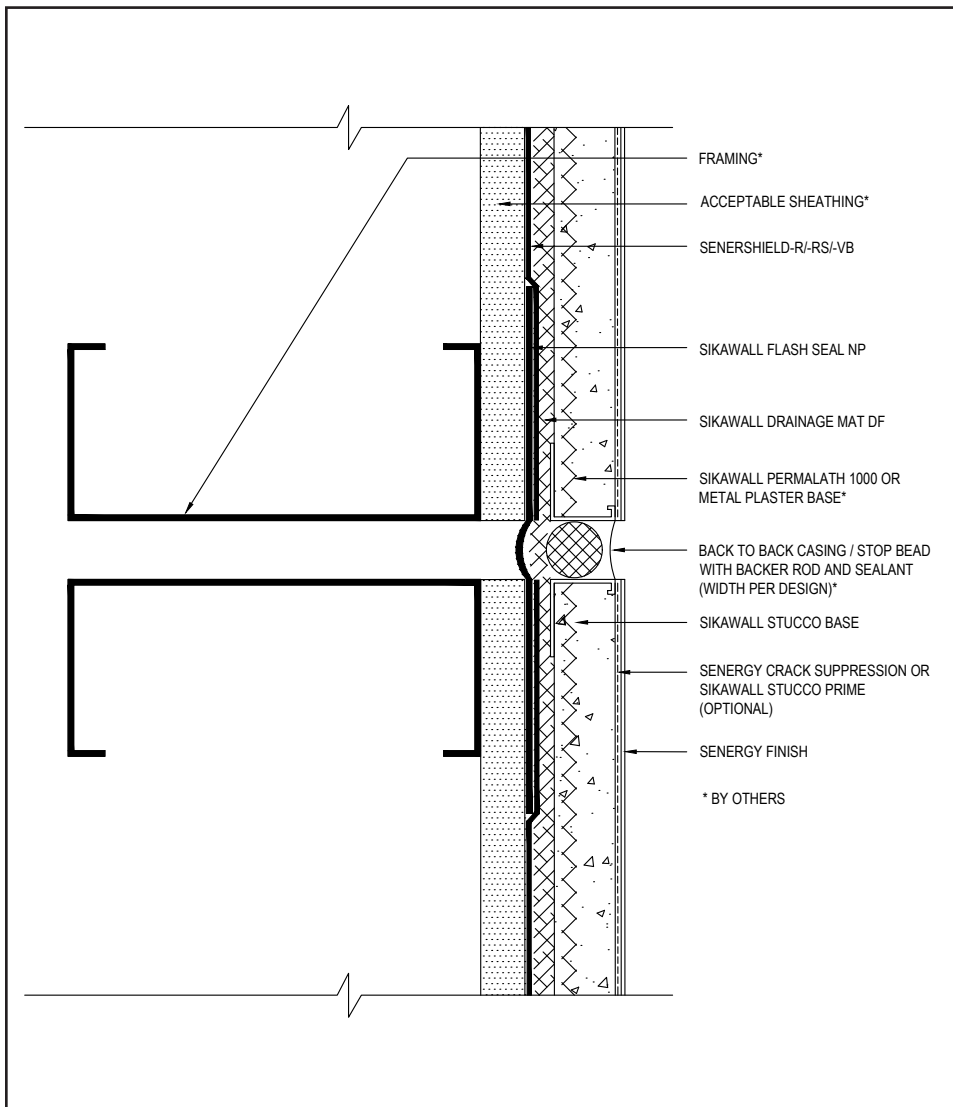
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TYPICAL EXPANSION JOINT



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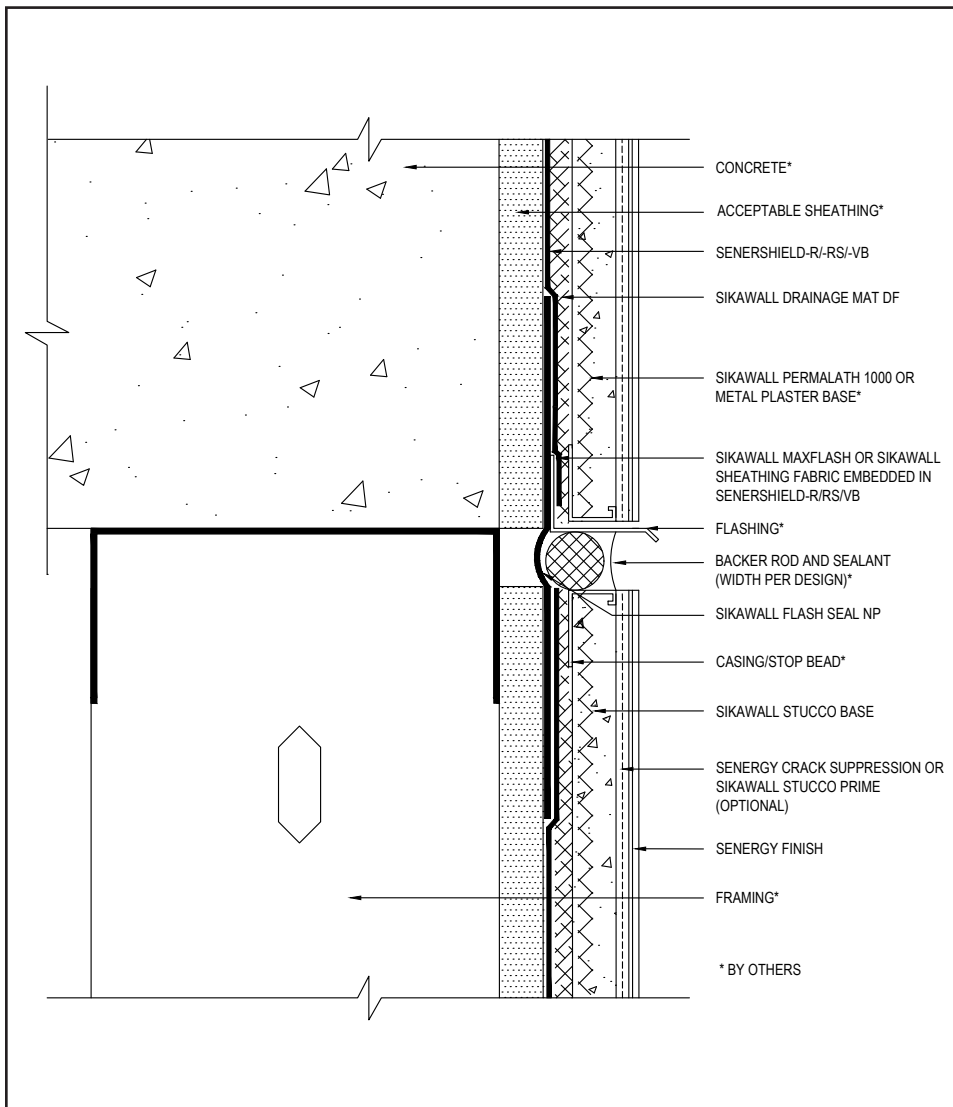
- Typical locations for system expansion joints are at building expansion joints, at prefabricated panel joints, floor lines of wood frame construction or where slip tracks are used in steel frame construction, where substrates change and where structural movement is anticipated. It is the sole responsibility of the project design team, including the architect, engineer, etc., to ultimately determine specific expansion joint placement, width and design. Detail specific locations in construction drawings.
- Install per requirements of ASTM C1063.
- Lath must be broken at the joint accessory.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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Sentry Stucco Ultra Wall System

TYPICAL DRAINAGE AT FLOOR LINE



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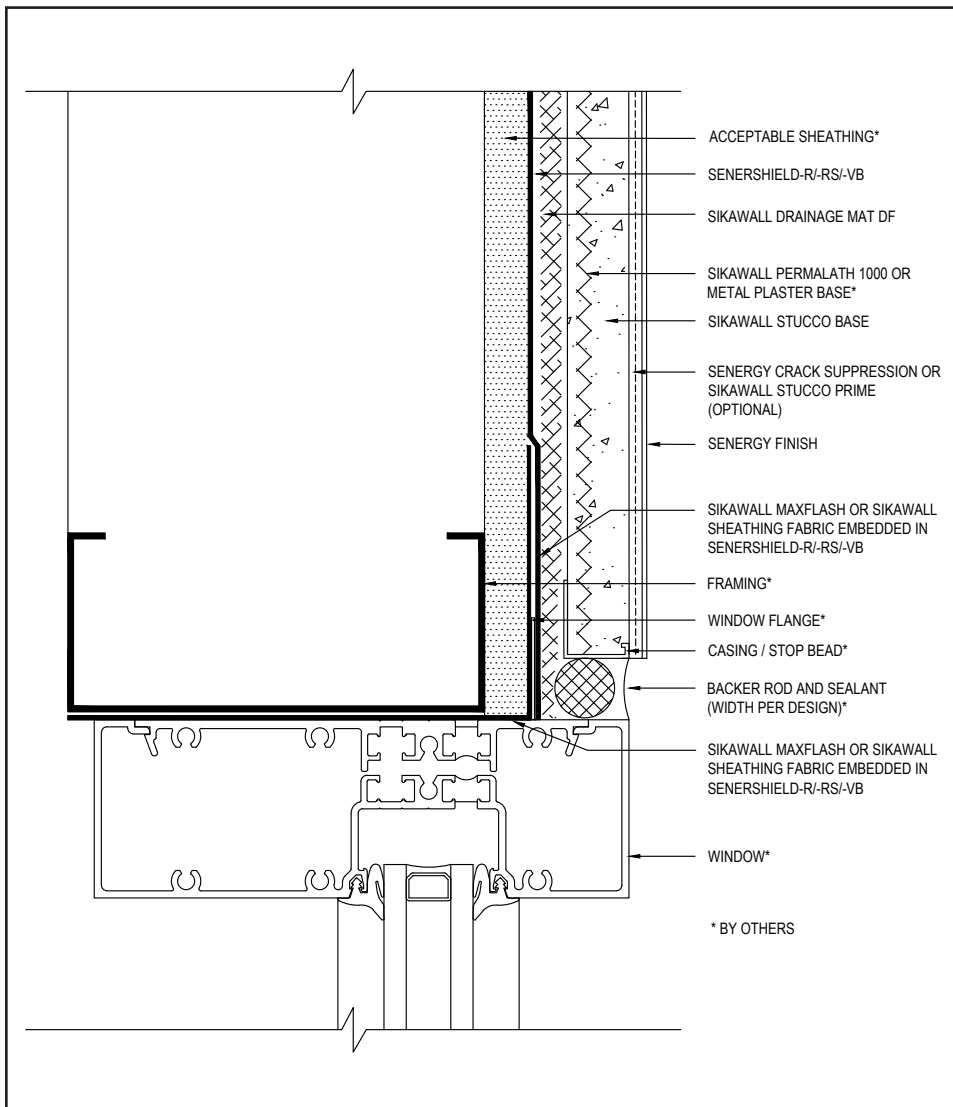
- It is recommended that a means for drainage is provided at every third floor line.
- Provide sufficient slack in SikaWall Flash Seal NP to allow for movement.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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Sentry Stucco Ultra Wall System

TYPICAL FLANGED WINDOW JAMB



- Ensure Senersshield-R/-RS/-VB is properly applied into the rough openings in accordance with application guidelines. Reference published Senersshield Details for additional information.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senersshield-R/-RS/-VB or SikaWall Flash Seal NP.

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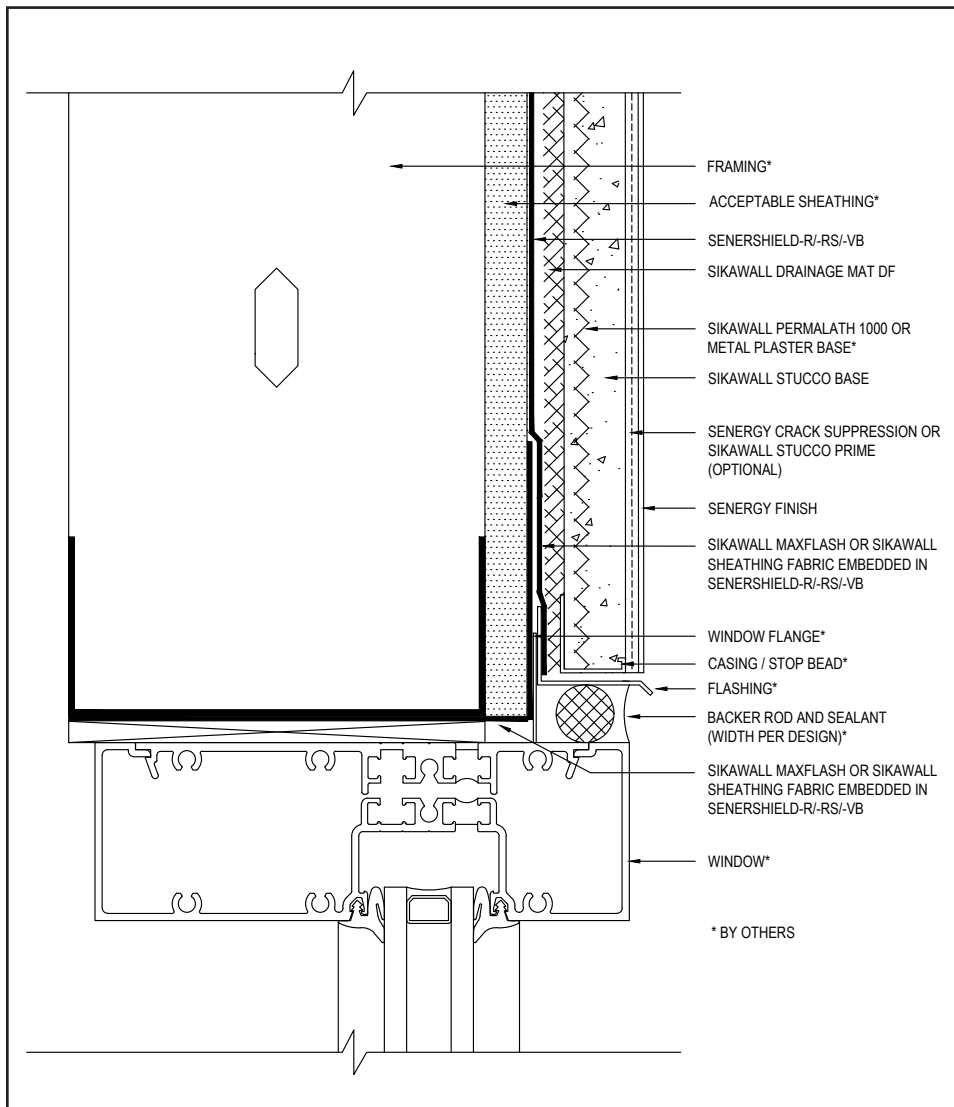
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Sentry Stucco Ultra Wall System

TYPICAL FLANGED WINDOW HEAD



- Ensure Senershield-R/-RS/-VB is properly applied over the head flashing.
- Provide end-dams at flashing terminations.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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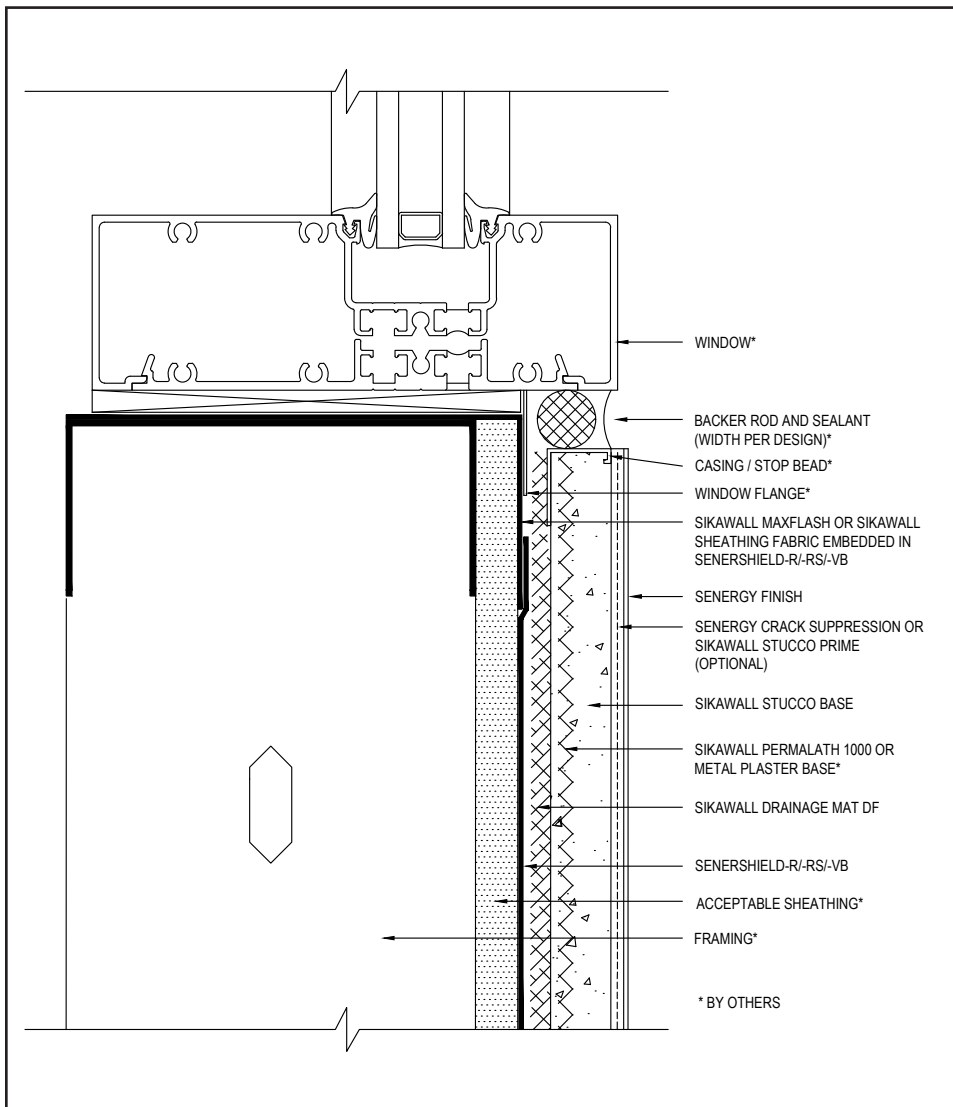
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Sentry Stucco Ultra Wall System

TYPICAL FLANGED WINDOW SILL



- Ensure Senershield-R/-RS/-VB is properly applied into the rough openings in accordance with application guidelines. Reference published Senershield Details for additional information.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.

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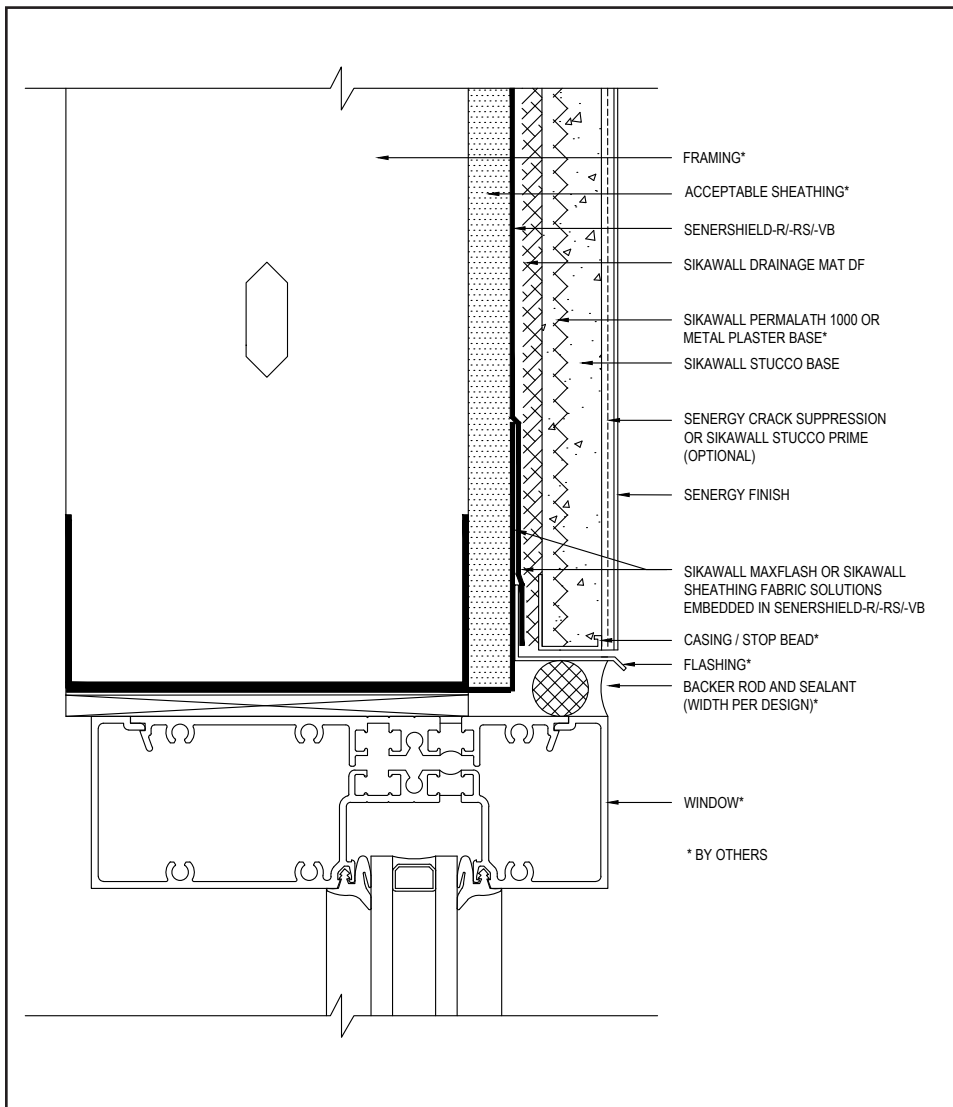
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Sentry Stucco Ultra Wall System

TYPICAL WINDOW HEAD



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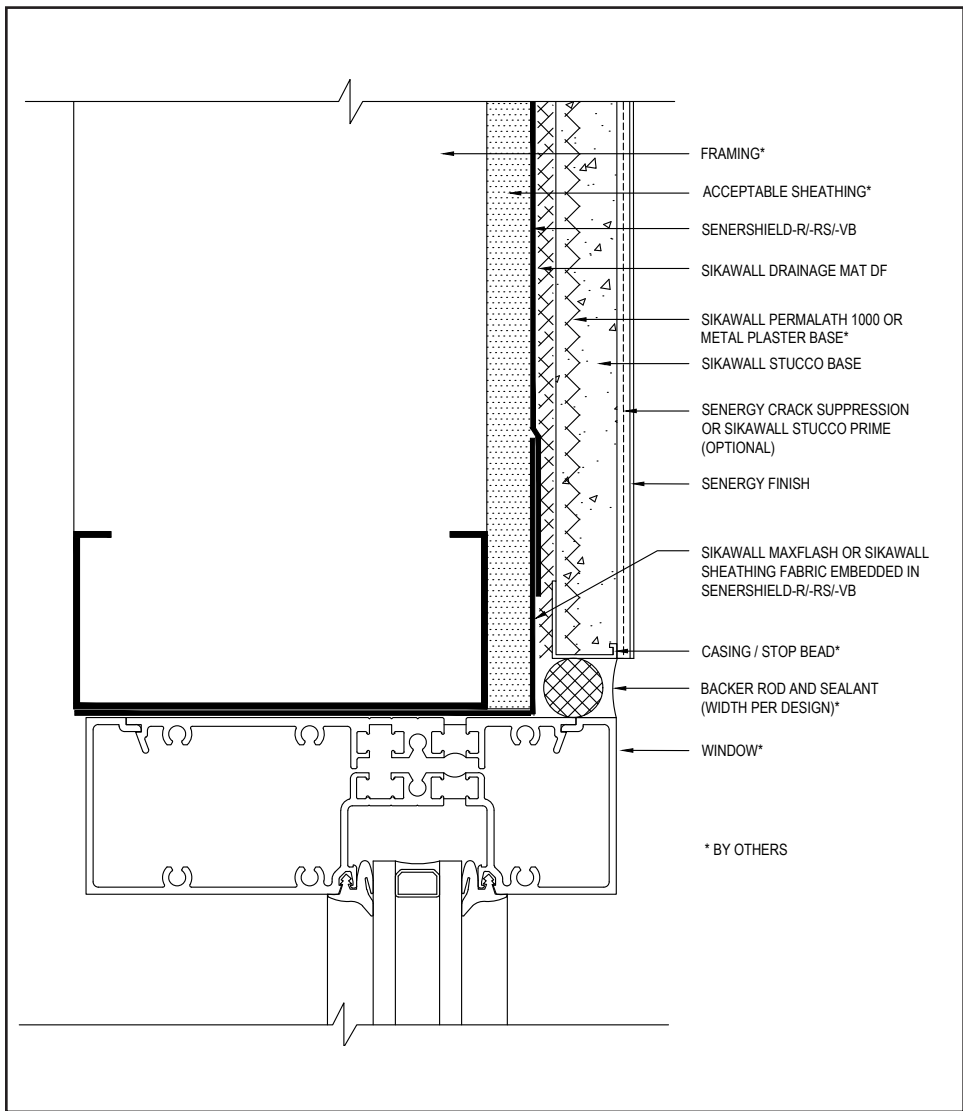
- Ensure Senersshield-R/-RS/-VB is properly applied over the head flashing.
- Provide end-dams at flashing terminations.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senersshield-R/-RS/-VB or SikaWall Flash Seal NP.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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Sentry Stucco Ultra Wall System

TYPICAL WINDOW JAMB



- Ensure Senersshield-R/-RS/-VB is properly applied into the rough openings.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senersshield-R/-RS/-VB or SikaWall Flash Seal NP.

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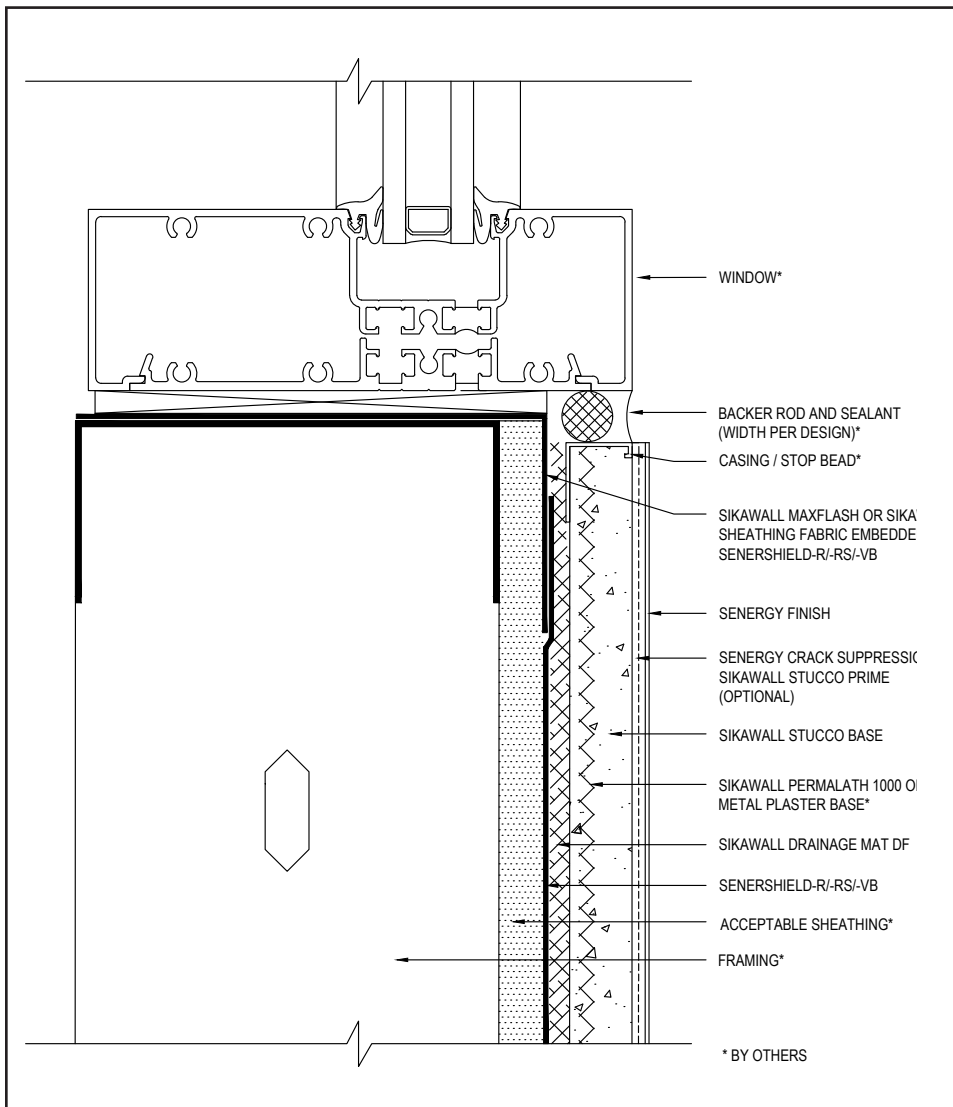
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Sentry Stucco Ultra Wall System

TYPICAL WINDOW SILL



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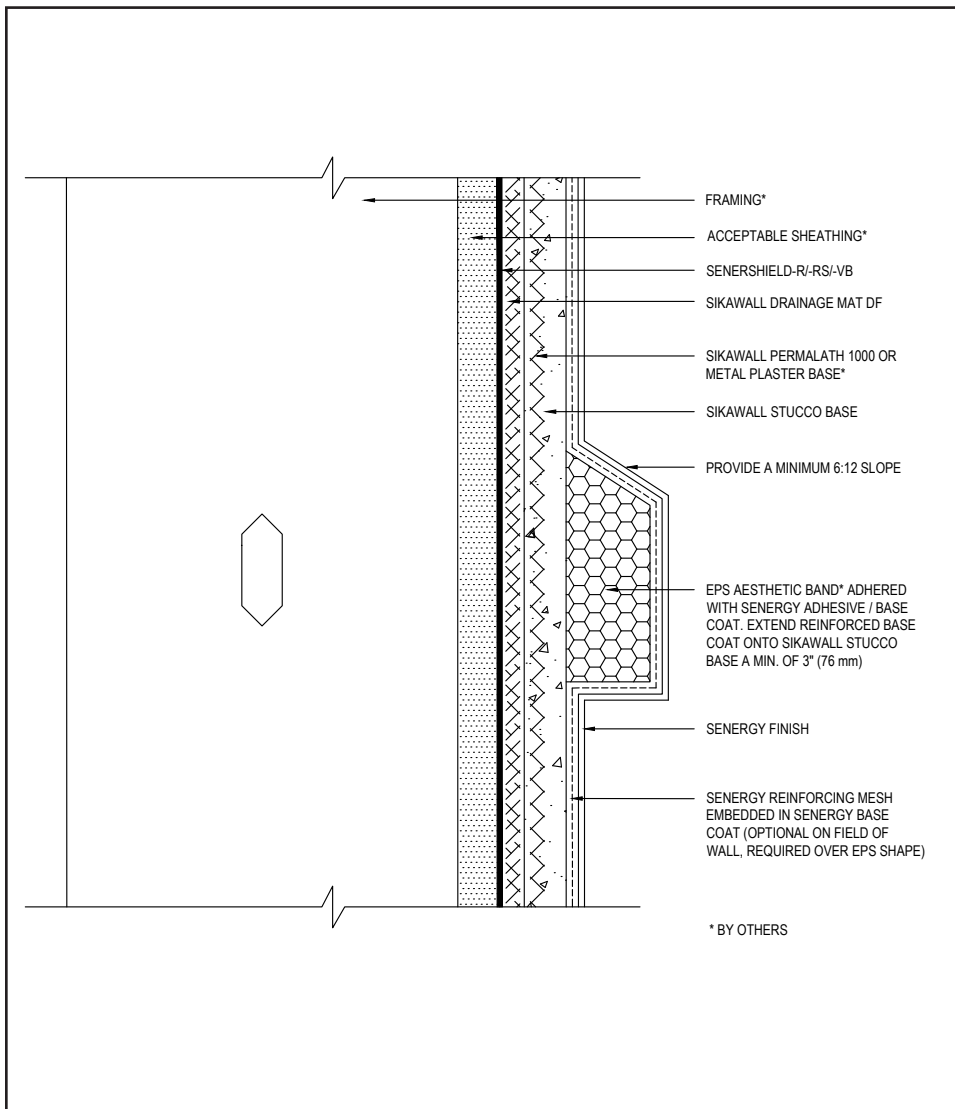
- Ensure Senershield-R/-RS/-VB is properly applied into the rough openings in accordance with application guidelines. Reference published Senershield Details for additional information.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy BaseCoat or SikaWall Stucco Surface Leveler
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.

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TYPICAL EPS SHAPE APPLICATION



- Overlap reinforced base coat onto SikaWall Stucco Base a minimum of 3" (76 mm).
- On horizontal projections greater than 1" maintain a minimum 6:12 slope.

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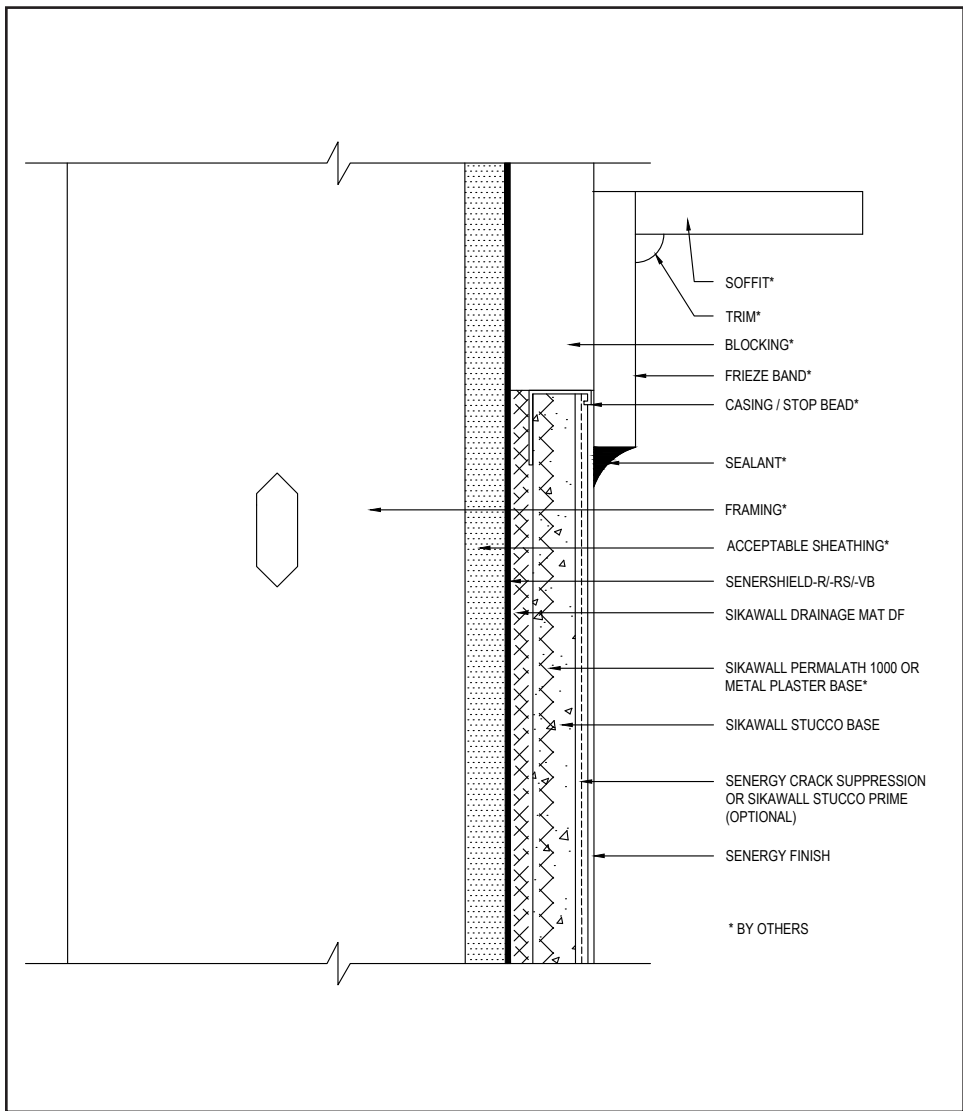
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Sentry Stucco Ultra Wall System

TYPICAL TERMINATION AT SOFFIT OR GABLE



- Lap frieze band a minimum of 2" (50 mm) over the Sentry Stucco Ultra Wall System.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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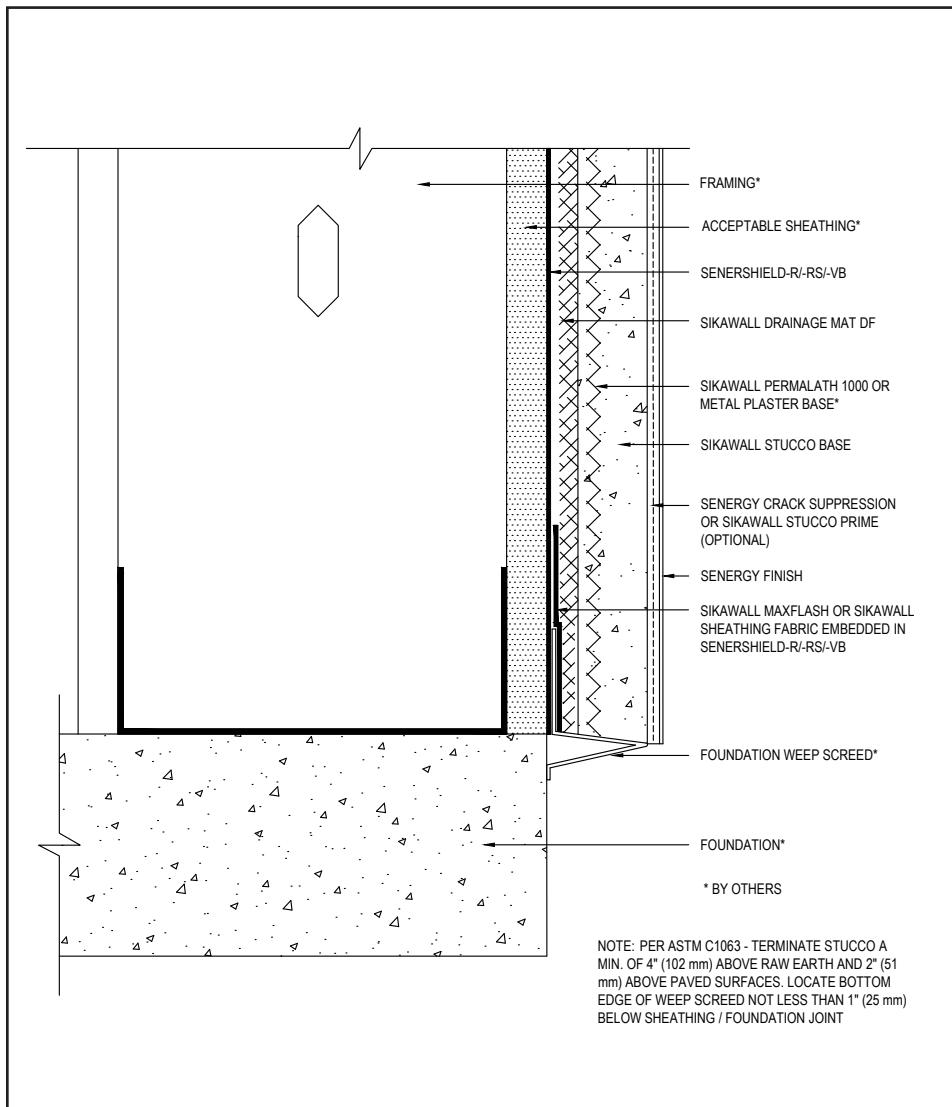
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Sentry Stucco Ultra Wall System

TYPICAL TERMINATION AT FOUNDATION



- Per ASTM C1063 terminate the stucco wall system a minimum of 4" (100 mm) above raw earth and 2" (50 mm) above paved surface.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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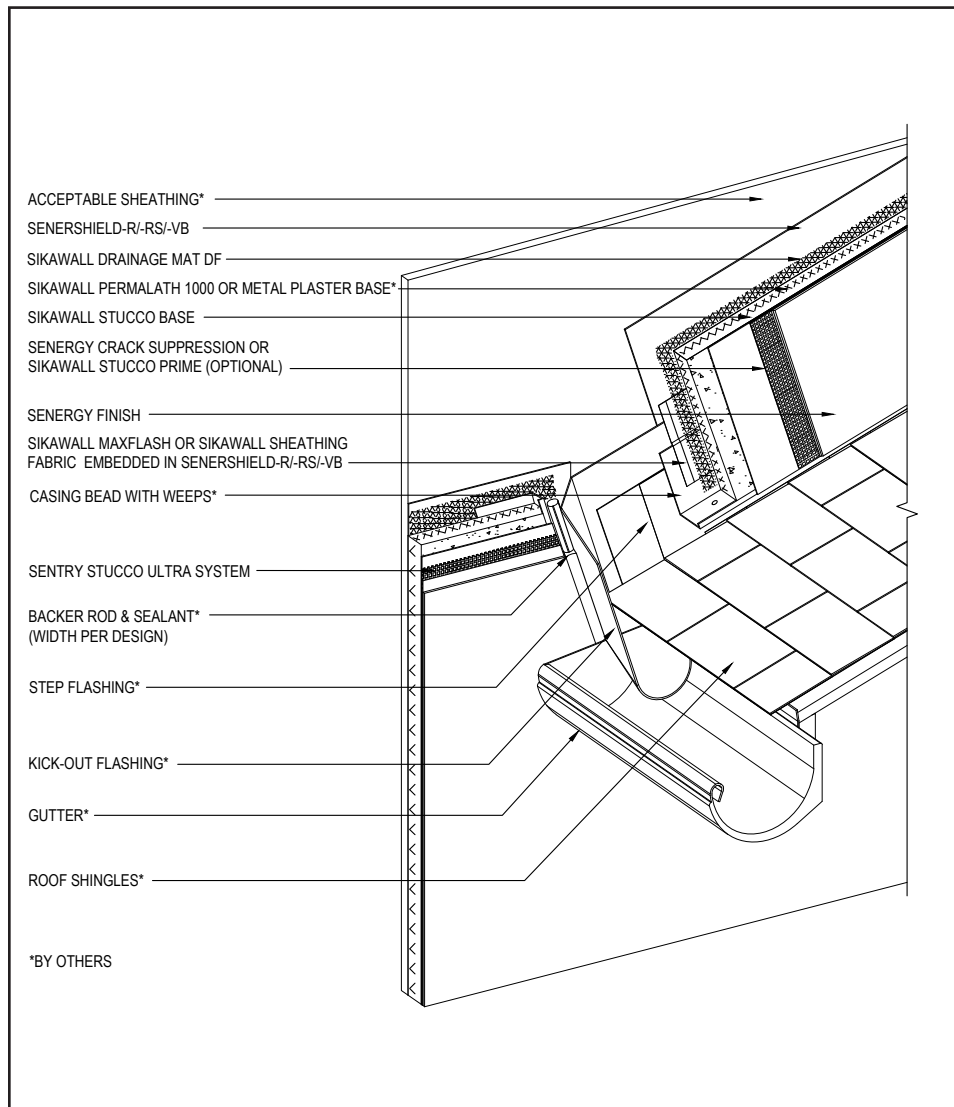
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Sentry Stucco Ultra Wall System

TYPICAL KICK-OUT FLASHING AT SLOPED ROOF



- Terminate Sentry Stucco Ultra Wall System a minimum of 2" (50 mm) above sloped roof.
- Ensure step flashing is a minimum 2" (50 mm) behind Sentry Stucco Ultra Wall System.
- Kick-out flashing shall be a minimum 4" (100 mm) in height.
- Kick-out flashing shall be angled a minimum 100° with seams sealed or soldered.
- Ensure a means for drainage is provided at system termination at roof.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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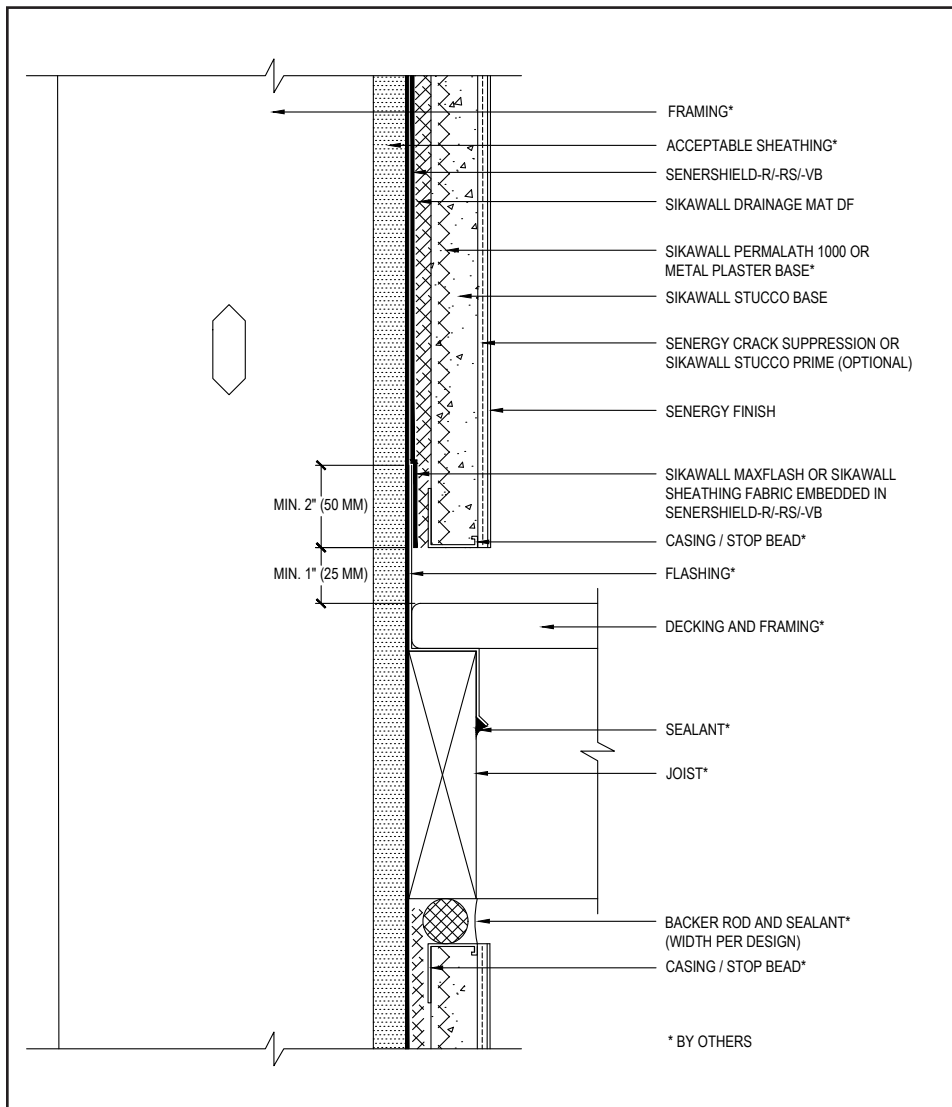
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Sentry Stucco Ultra Wall System

TYPICAL TERMINATION AT DECK



- Senershield-R/-RS/-VB shall be installed over flashing.
- Senershield-R/-RS/-VB shall be installed up and behind metal flashing before terminating.
- Provide end-dams at flashing terminations as required.
- Senergy Joint/Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Senershield-R/-RS/-VB or SikaWall Flash Seal NP.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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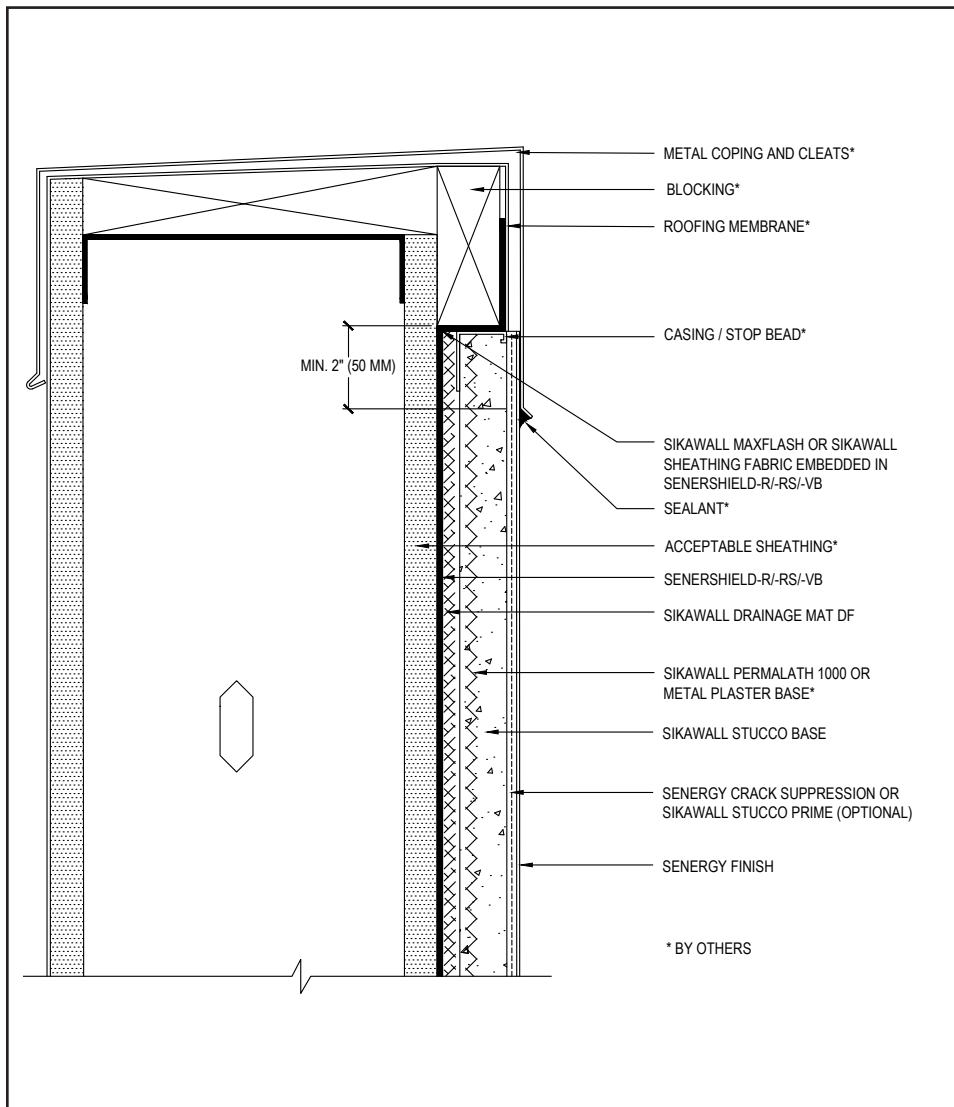
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Sentry Stucco Ultra Wall System

TYPICAL METAL COPING



- Extend coping a minimum of 2" (50 mm) on to face of Sentry Stucco Ultra Wall System and seal drip edge.
- Senershield-R/-RS/-VB shall be installed onto bottom and face of blocking.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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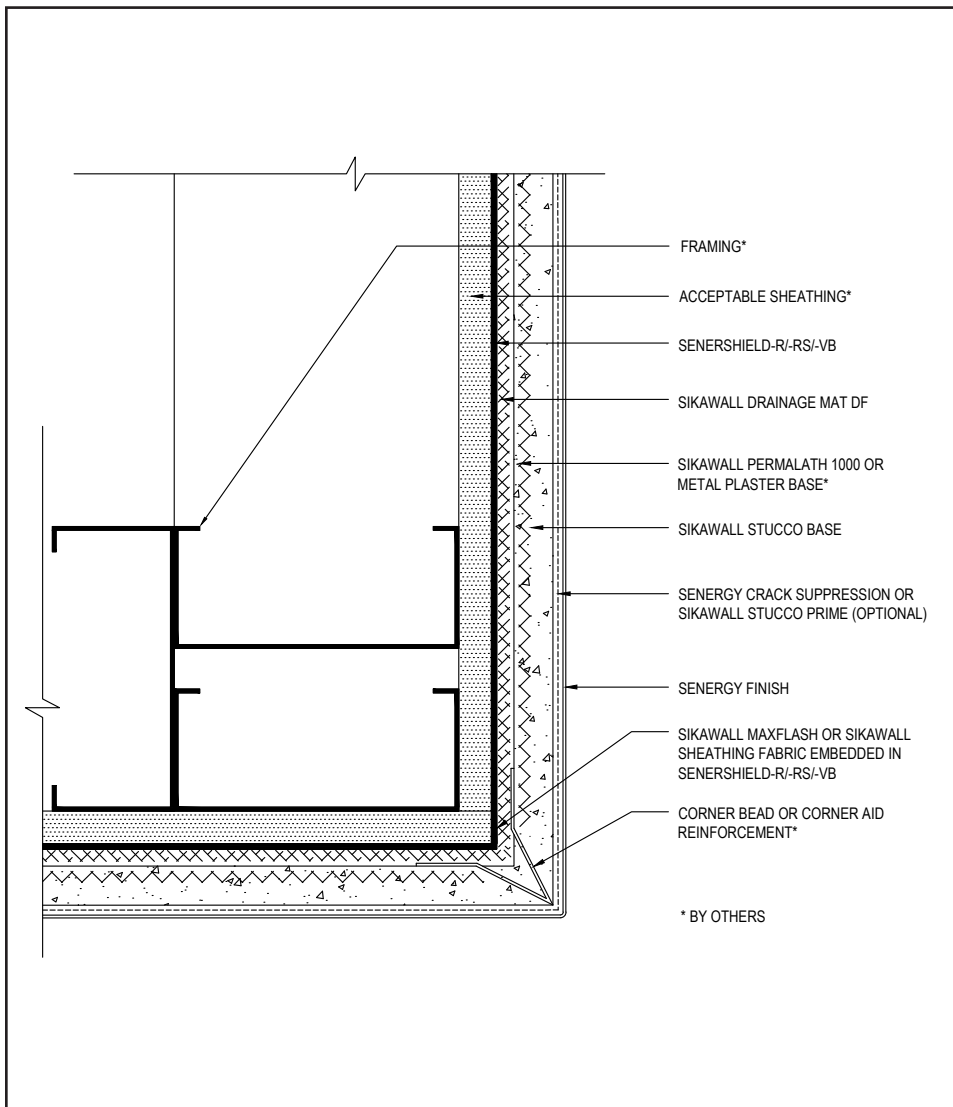
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Sentry Stucco Ultra Wall System

TYPICAL CORNER BEAD



- Attach corner bead over lath.
- Corner bead shall be filled solid with SikaWall Stucco Base as required.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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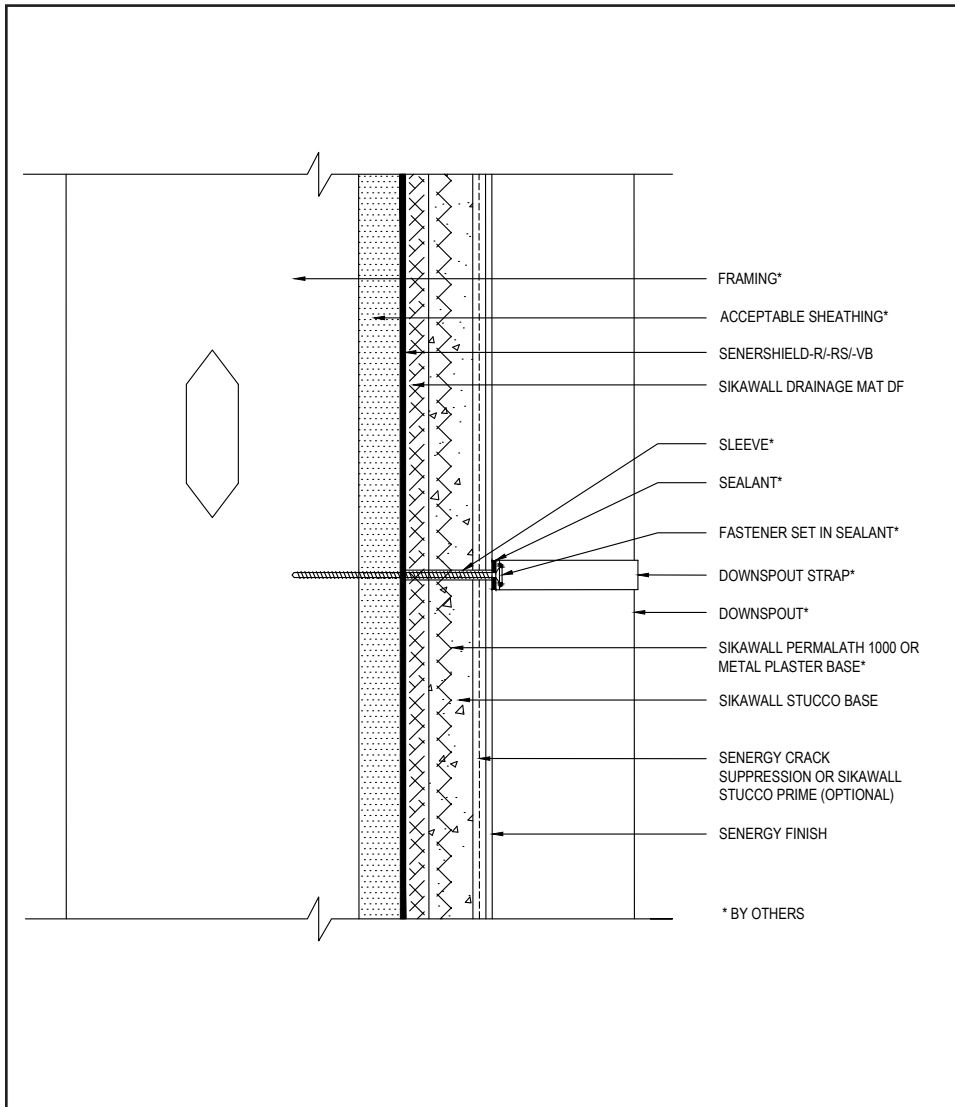
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TYPICAL DOWNSPOUT APPLICATION



- Properly seal all penetrations through the Sentry Stucco Ultra Wall System.

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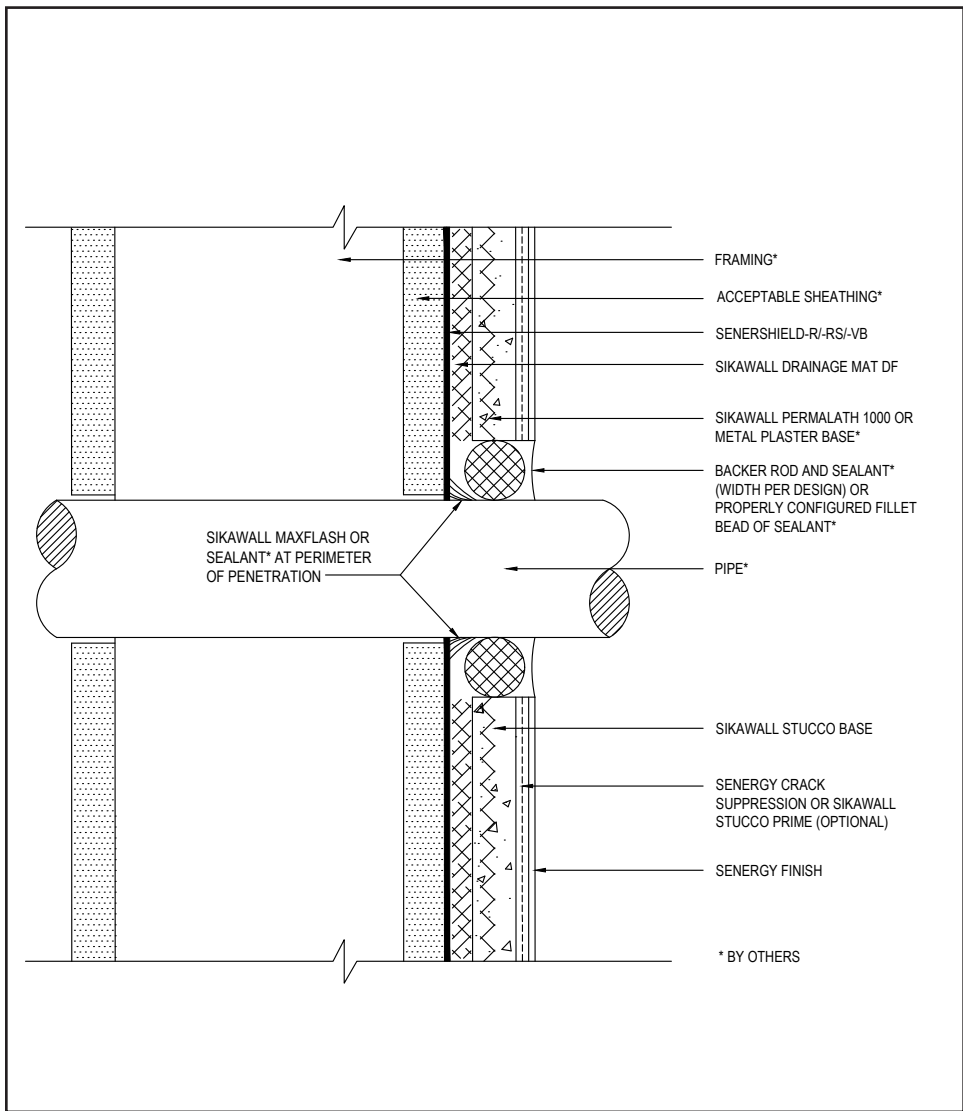
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Sentry Stucco Ultra Wall System

TYPICAL PIPE PENETRATION



- Properly seal all penetrations through the Sentry Stucco Ultra Wall System.
- Senergy Crack Suppression: Flexguard 4 or SikaWall SRT Mesh embedded in Senergy Base Coat or SikaWall Stucco Surface Leveler.

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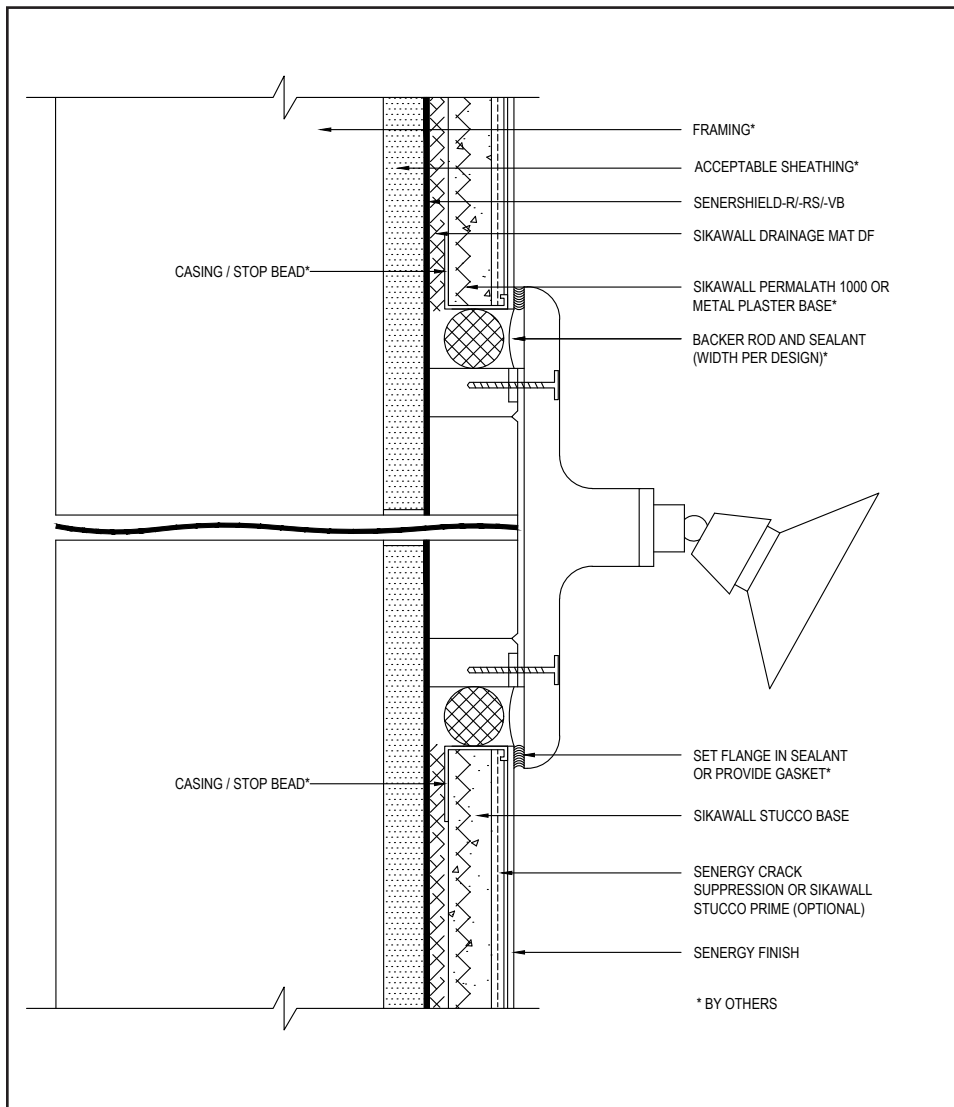
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Sentry Stucco Ultra Wall System

TYPICAL LIGHT FIXTURE



- Properly seal all penetrations through the Sentry Stucco Ultra Wall System.
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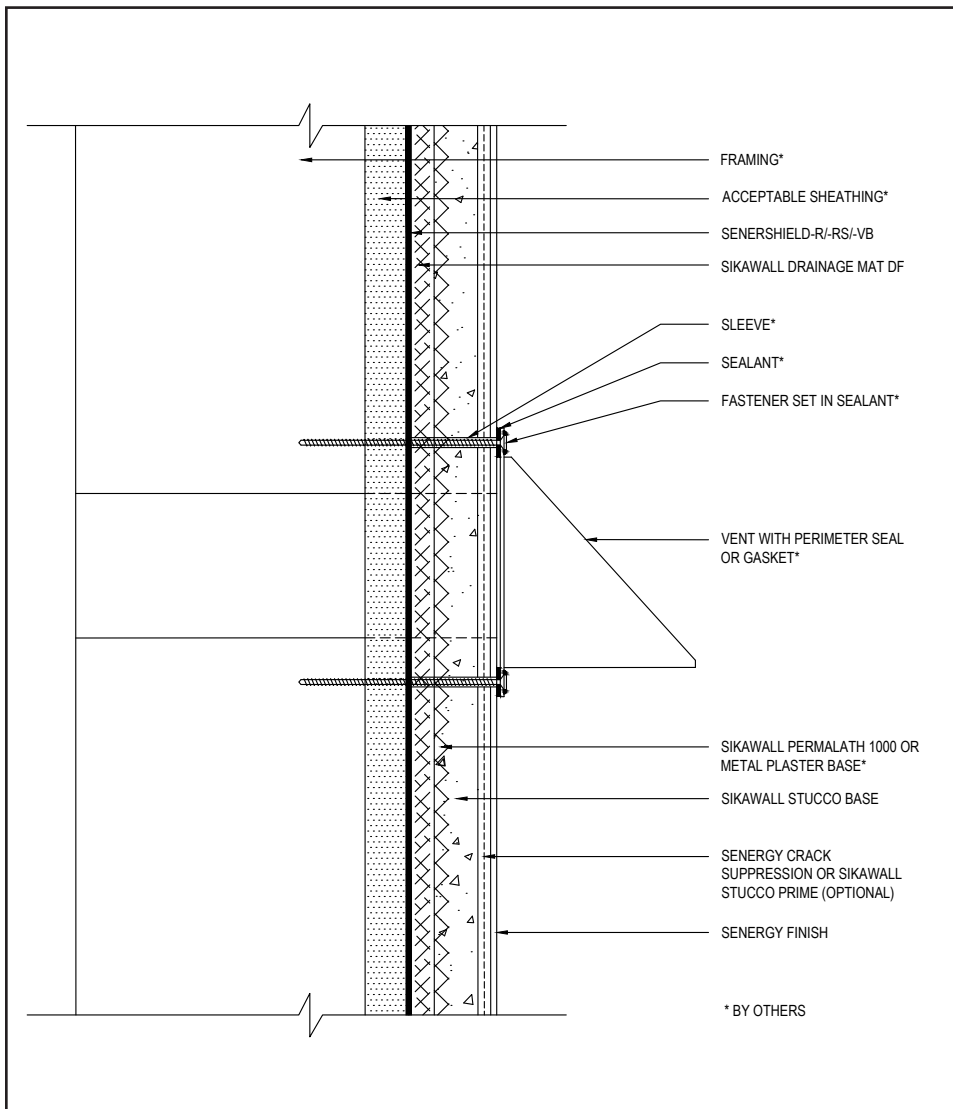
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Sentry Stucco Ultra Wall System

TYPICAL DRYER VENT



- Properly seal all penetrations through the Sentry Stucco Ultra Wall System.
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Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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BUILDING TRUST

