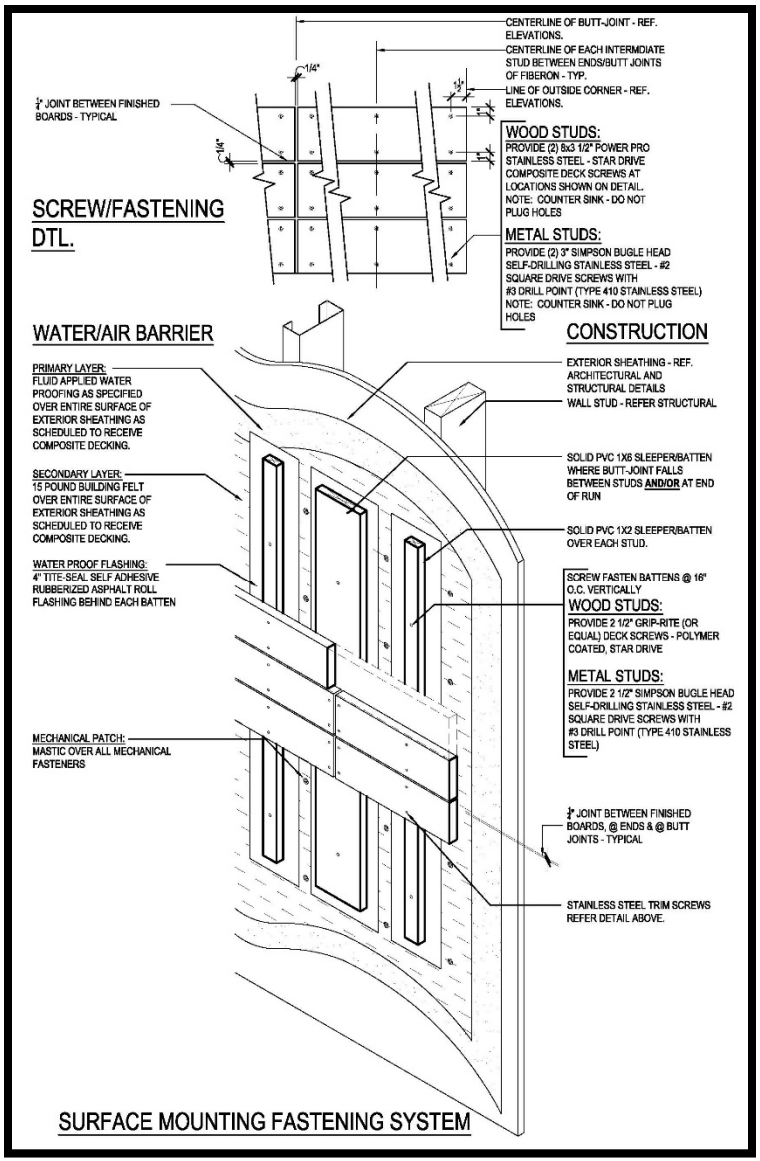
Panda RG

FIBERON INSTALLATION GUIDELINES

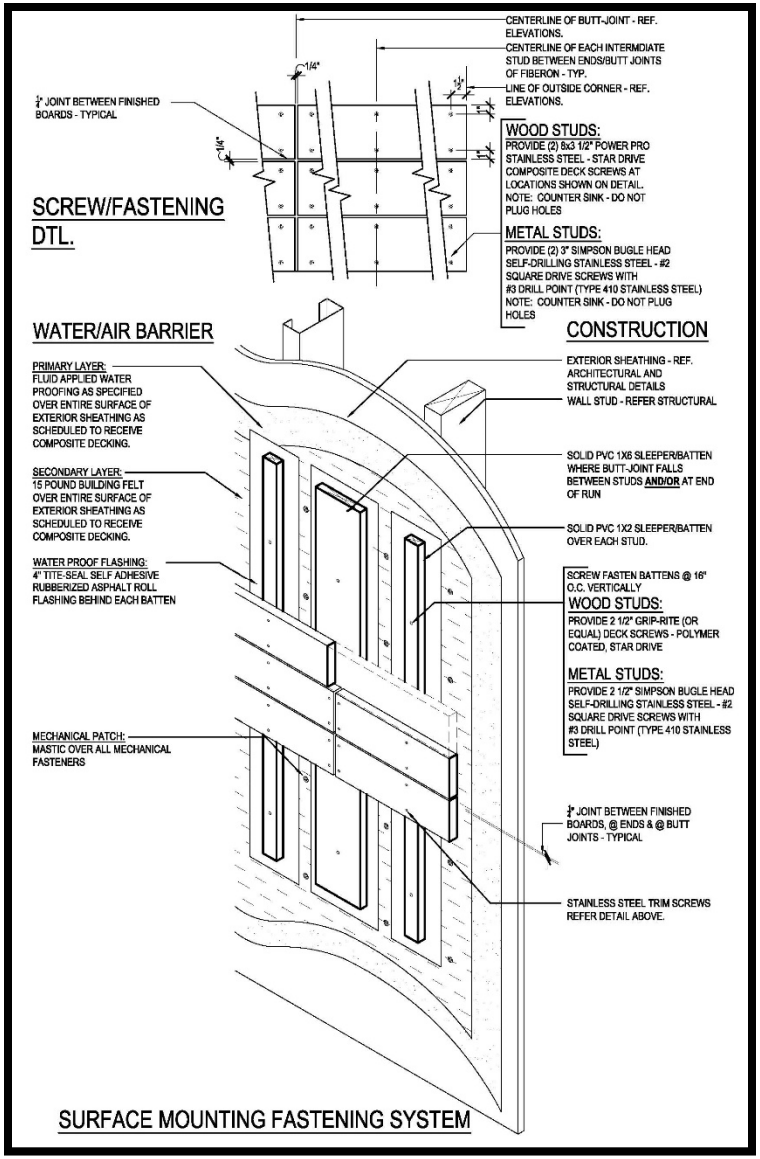
JUNE 28, 2016

Panda RG



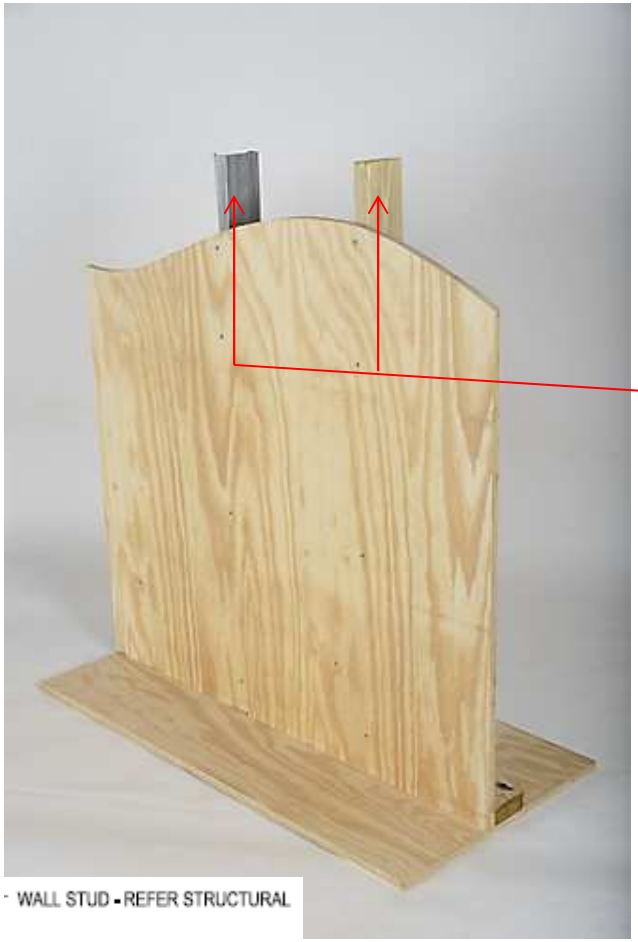
- Goal of todays meeting
  - Put a face to the name
  - Discuss concerns re this isometric
    - Fasteners
    - Gapping/Spacing
  - Answer your questions

Panda RG

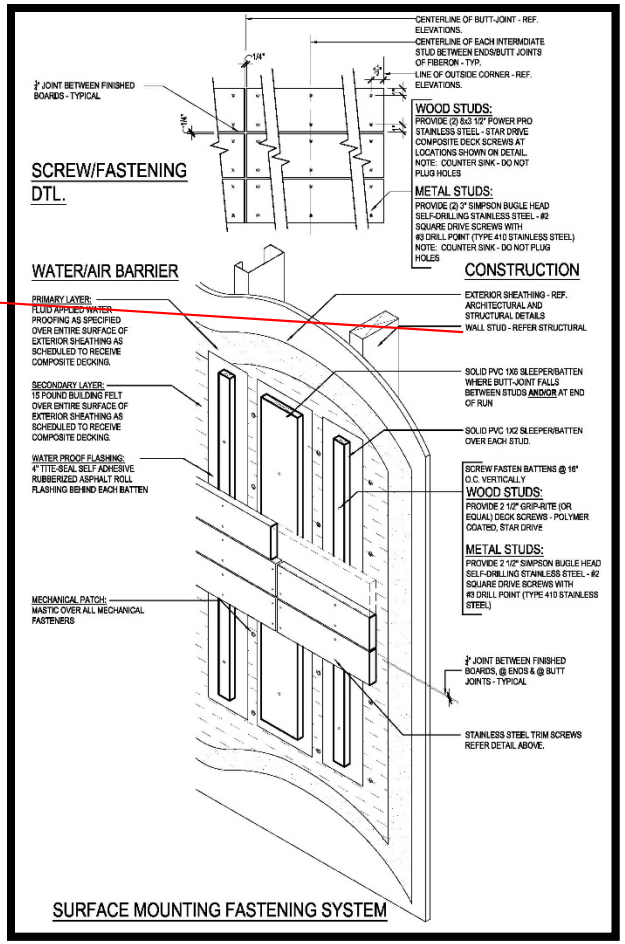


- Focus
  - Attachment
  - Fasteners
    - Fastener type
    - Fastener placement relative to
      - Ends of boards
      - Sides/edges of boards
    - Fastener best practices
    - Fastener bad practices
  - Gapping/Spacing
    - WRB
    - Edge to Edge
    - End
    - Hard Objects
    - Ground

Structural Detail-Studs

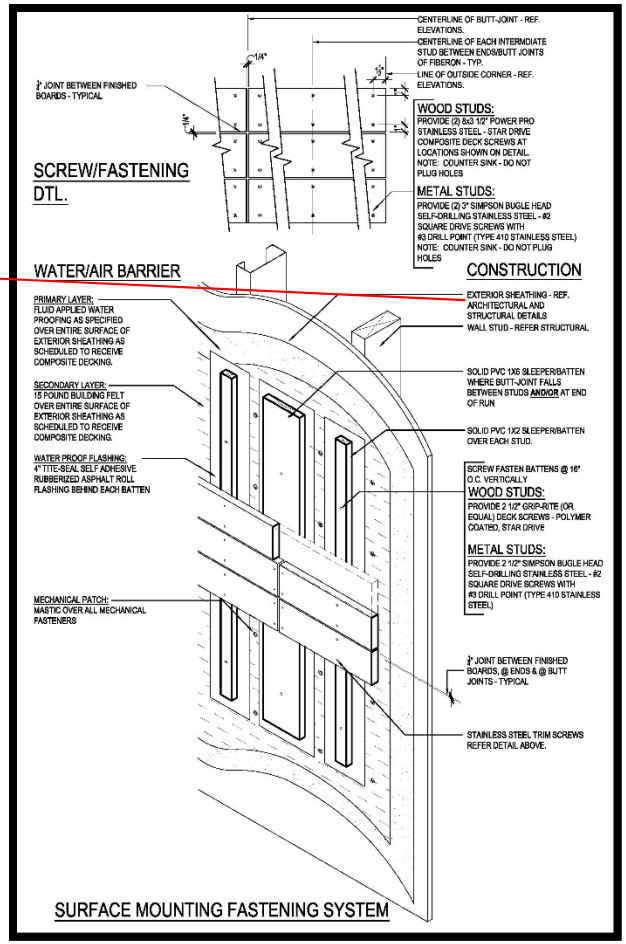


- Installed **Studs**



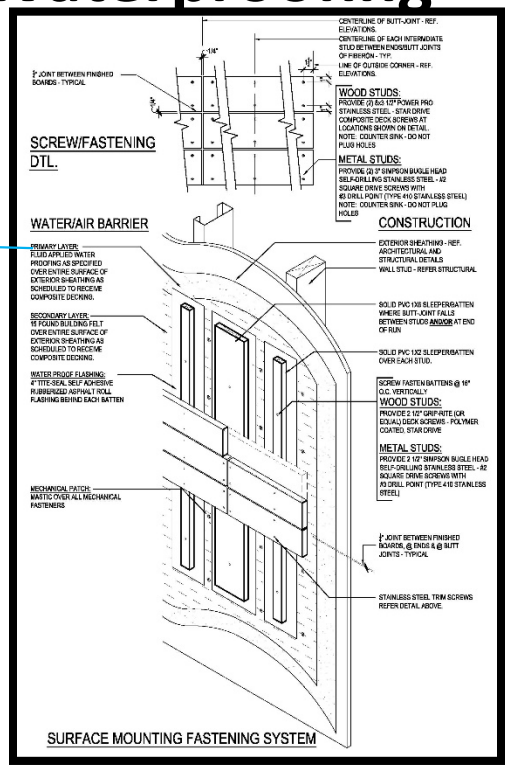
Structural Detail-Sheathing

- Installed **Sheathing**



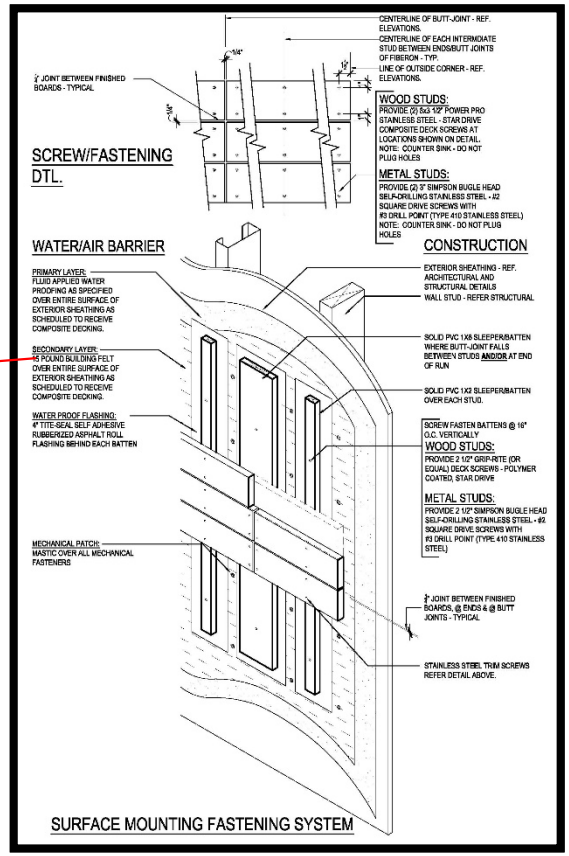
Waterproofing Detail-WRB

- Installation of **Fluid Applied Waterproofing**

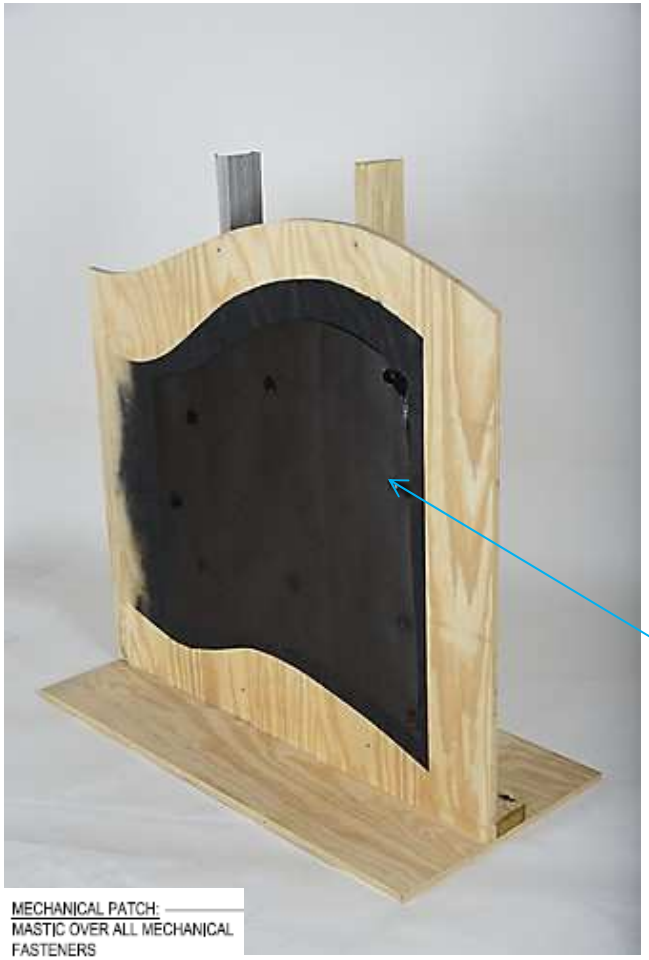


Waterproofing Detail-Felt

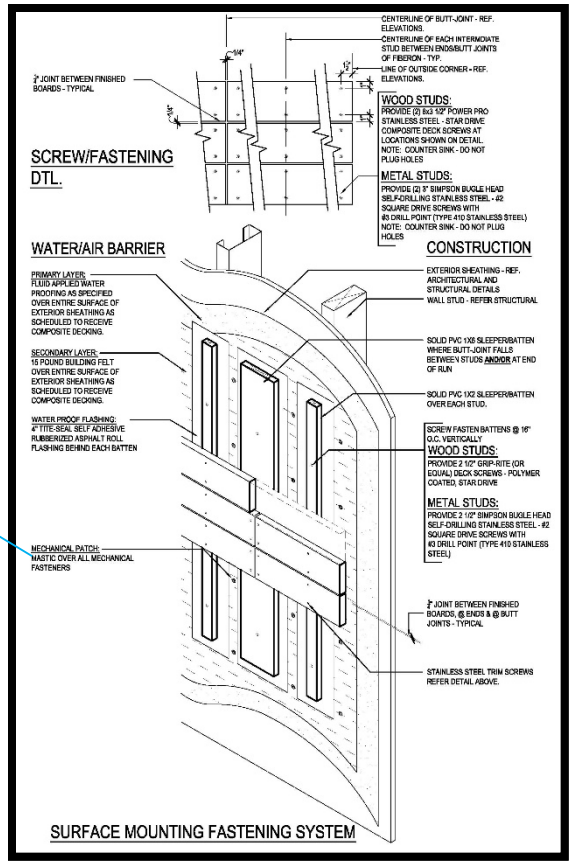
- Application of **15# felt**



Waterproofing Detail-Patch

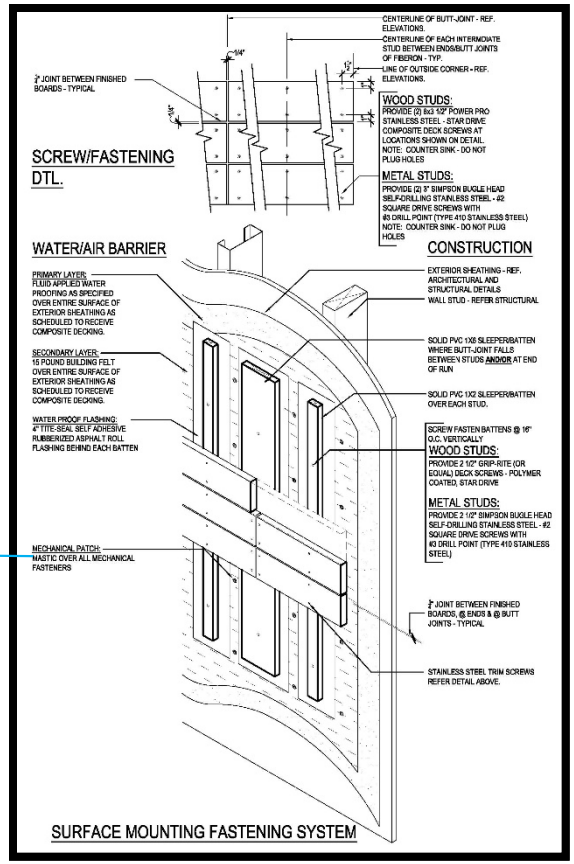


- Application of **Mechanical Patch** over fasteners



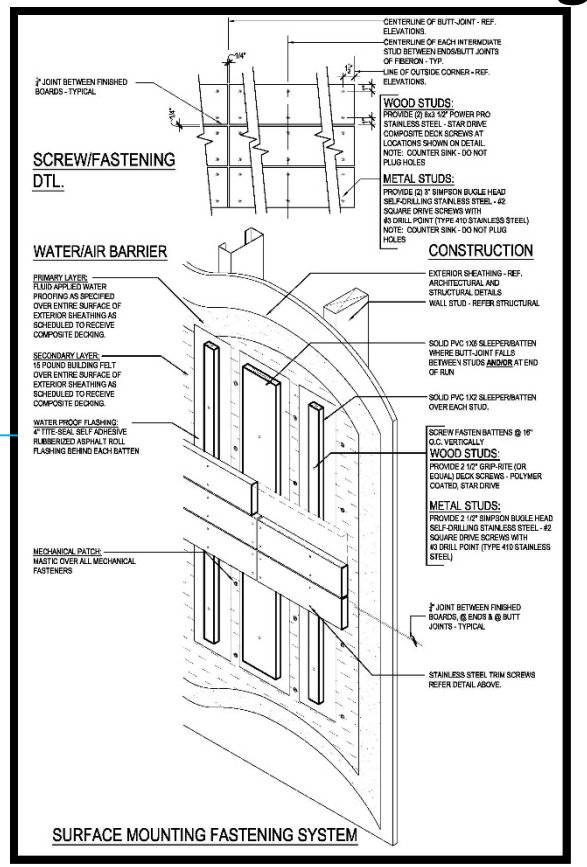
Waterproofing Detail-Patch

- Application of **Mechanical Patch** over fasteners



Waterproofing Detail-Tite-Seal

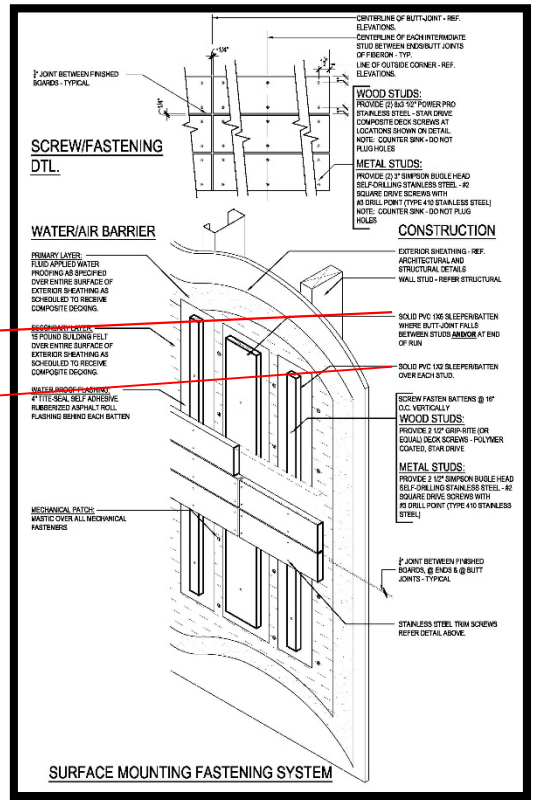
- Application of **4" Tite-Seal rubberized flashing**



(White shown for visual clarity)

Structural Detail-Sleepers

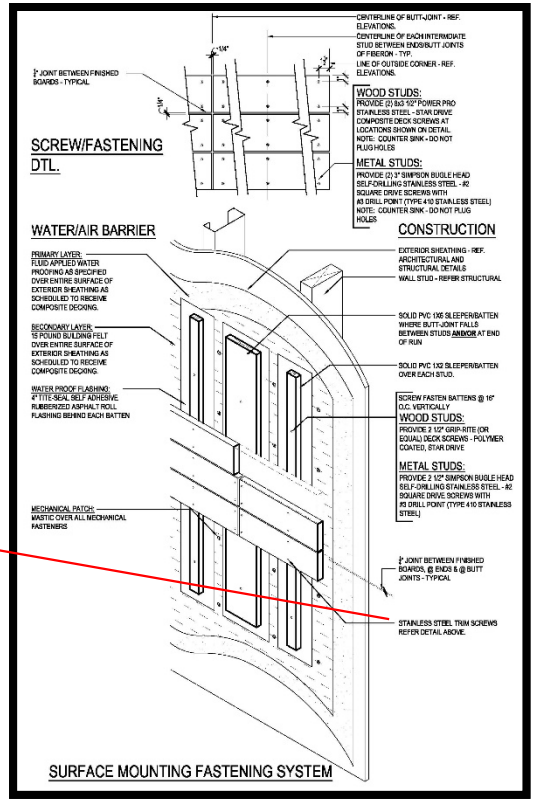
- Application of **Solid PVC sleeper/batten**



Sleepers to be painted black

Structural Detail-SS Fastener

- Application of boards using **SS Trim Screw**



Structural Detail-SS Fastener

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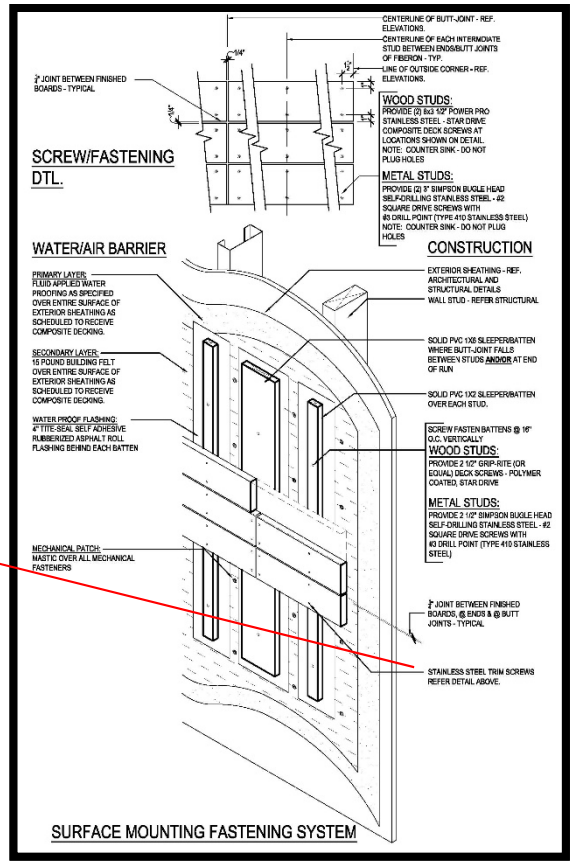
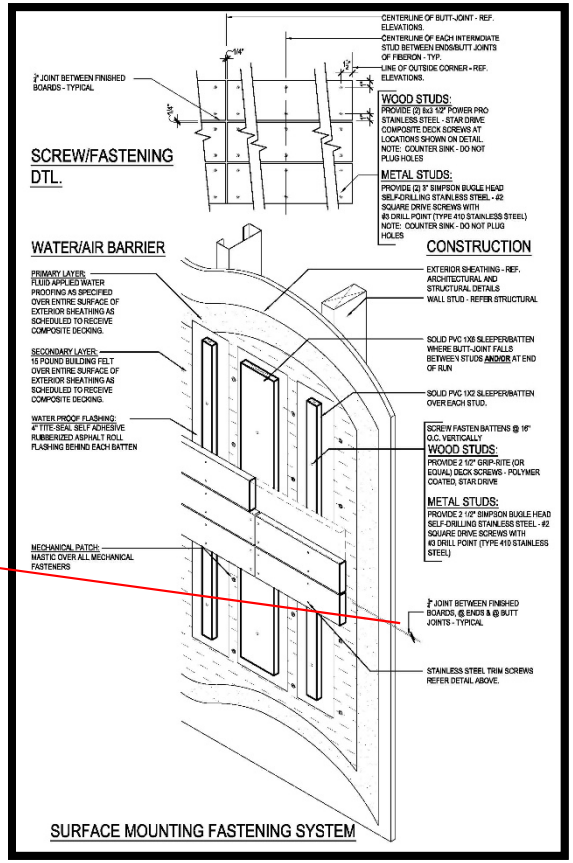


Sleepers to be painted black

Structural Detail-Gapping

- **Edge to Edge Gapping**



Structural Detail-Gapping

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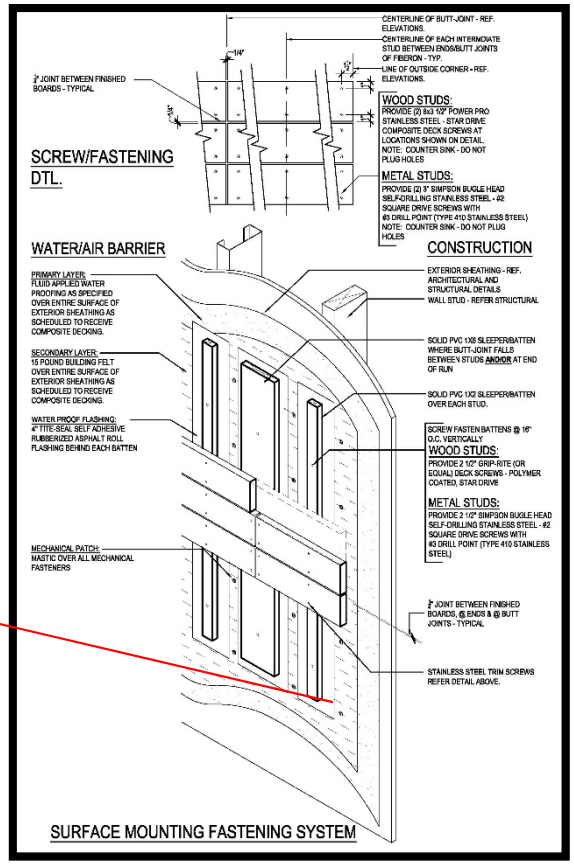
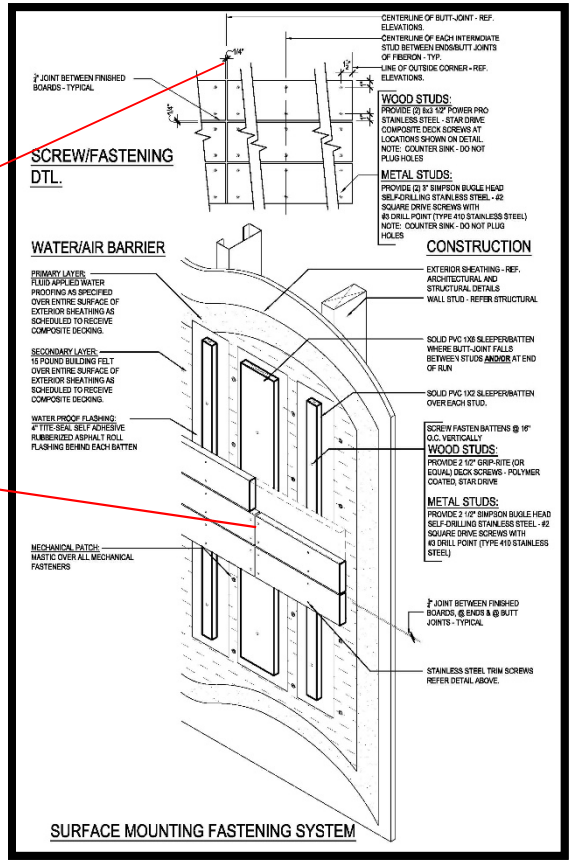
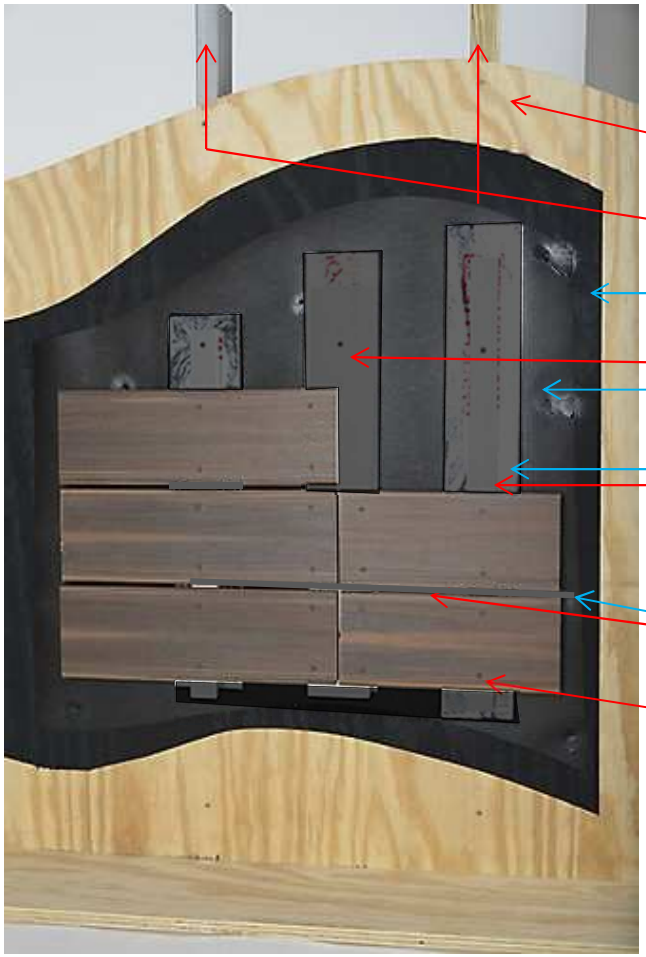


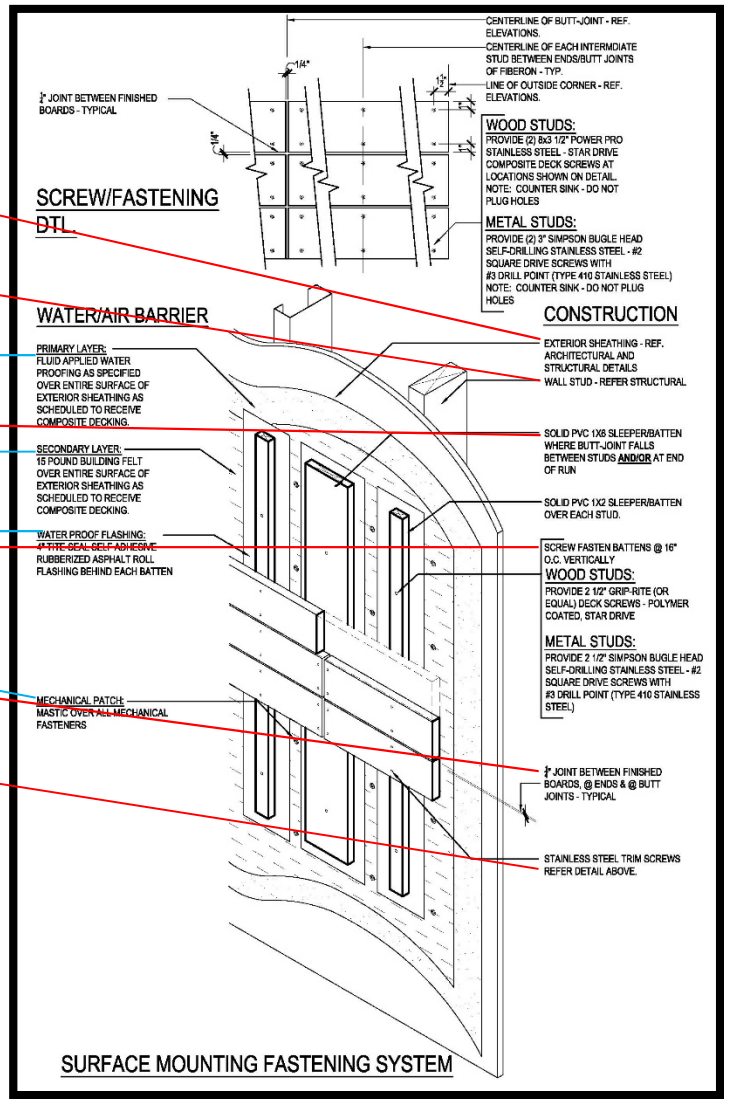
Structural Detail-Gapping

- **Edge to Edge Gapping**

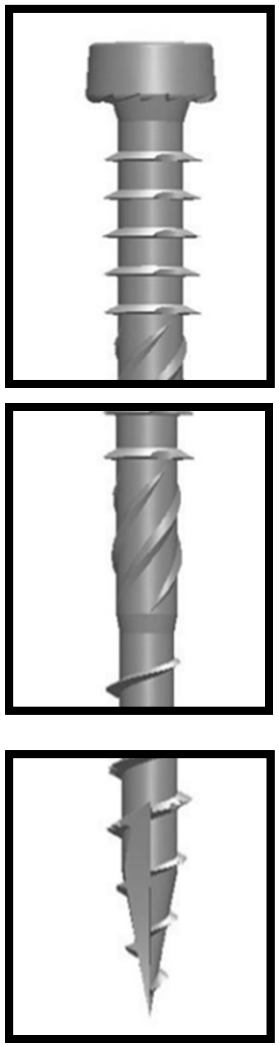


Putting it all together





Fastener Type

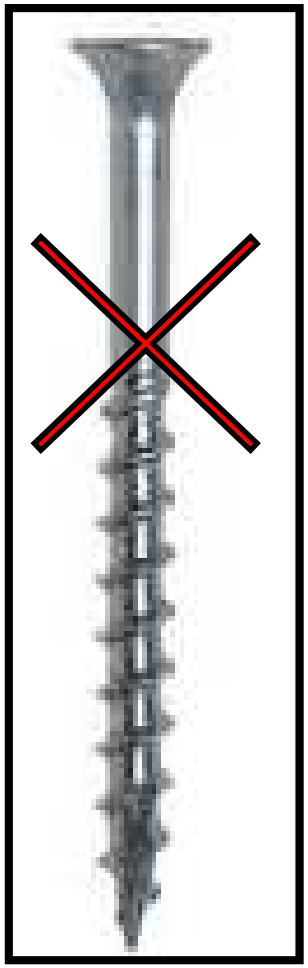


The anatomy of a Composite Deck screw

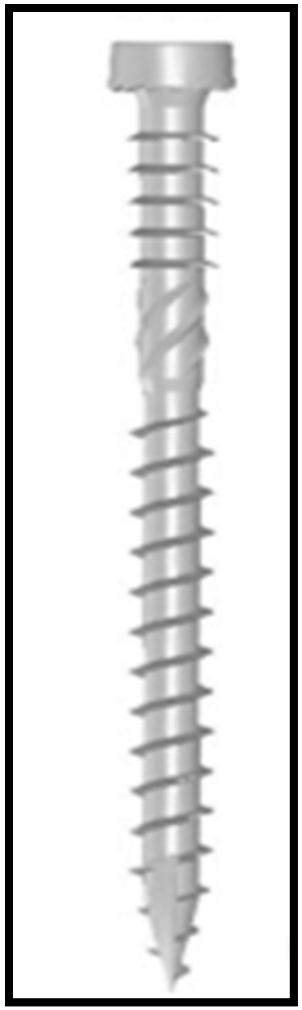
- Size
  - refer to isometric details for sizing
- Head configuration
  - designed to prevent mushrooming
- Waist Thread Design
  - enlarges hole to reduce splitting
- Point Thread Design
  - low torque and smoother drive
  - no pre-drilling and faster penetration

***NOTE: REFER TO ISOMETRIC DETAIL FOR SCREW TYPE WHEN ATTACHING TO METAL STUDS**

Fastener Type



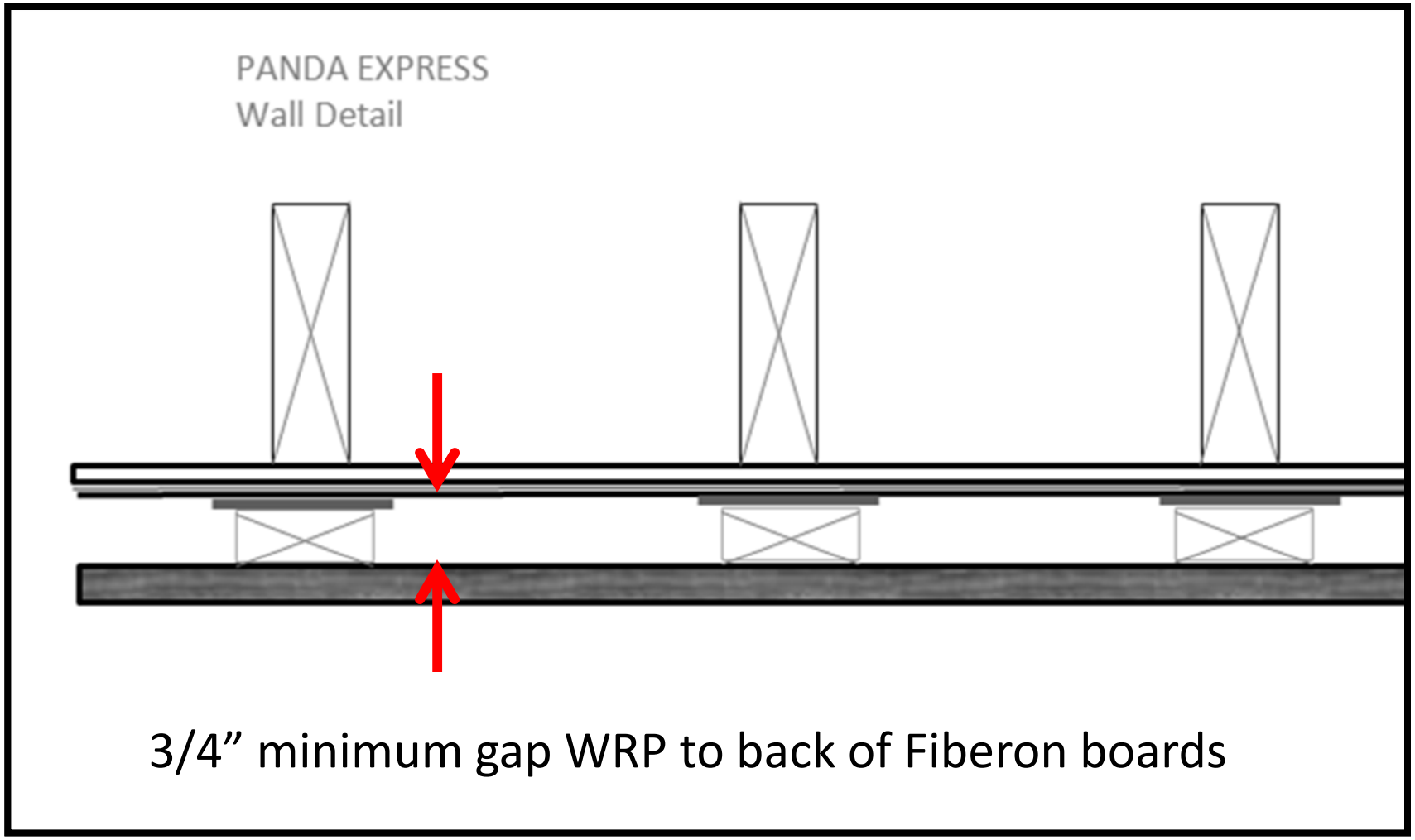
- Composite decking screws are designed specifically to screw
  - through the WPC or PVC boards)
  - And into studs beyond, into which they anchor
  - Using the wrong screw will result in poor aesthetics
  - Refer to **ISOMETRIC DETAIL** for type of screw to be used in either wood stud or metal stud



REQUIREMENTS & Best Practices

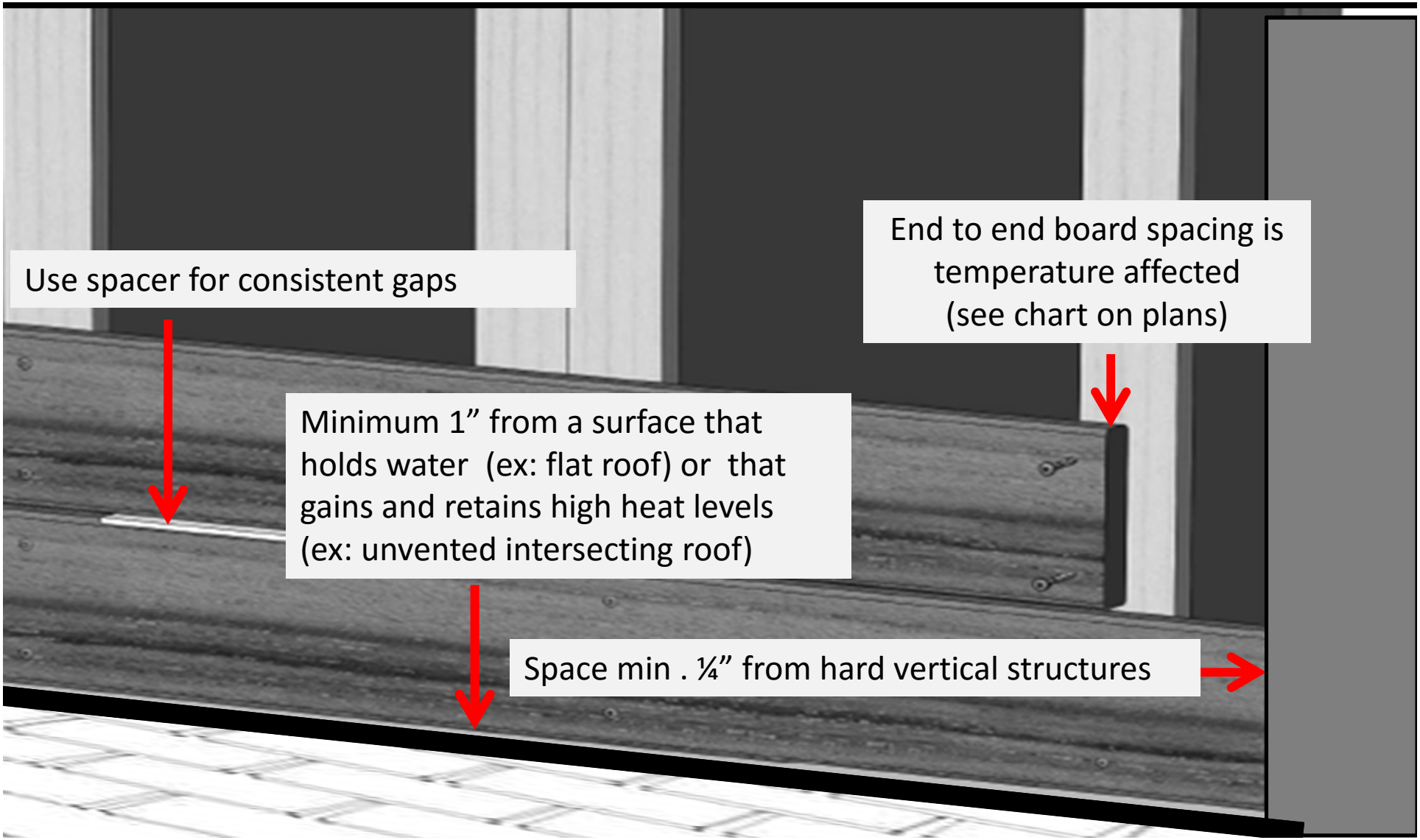
- The following are illustrations of Installations Requirements and Best Practices

Gapping-REQUIRED



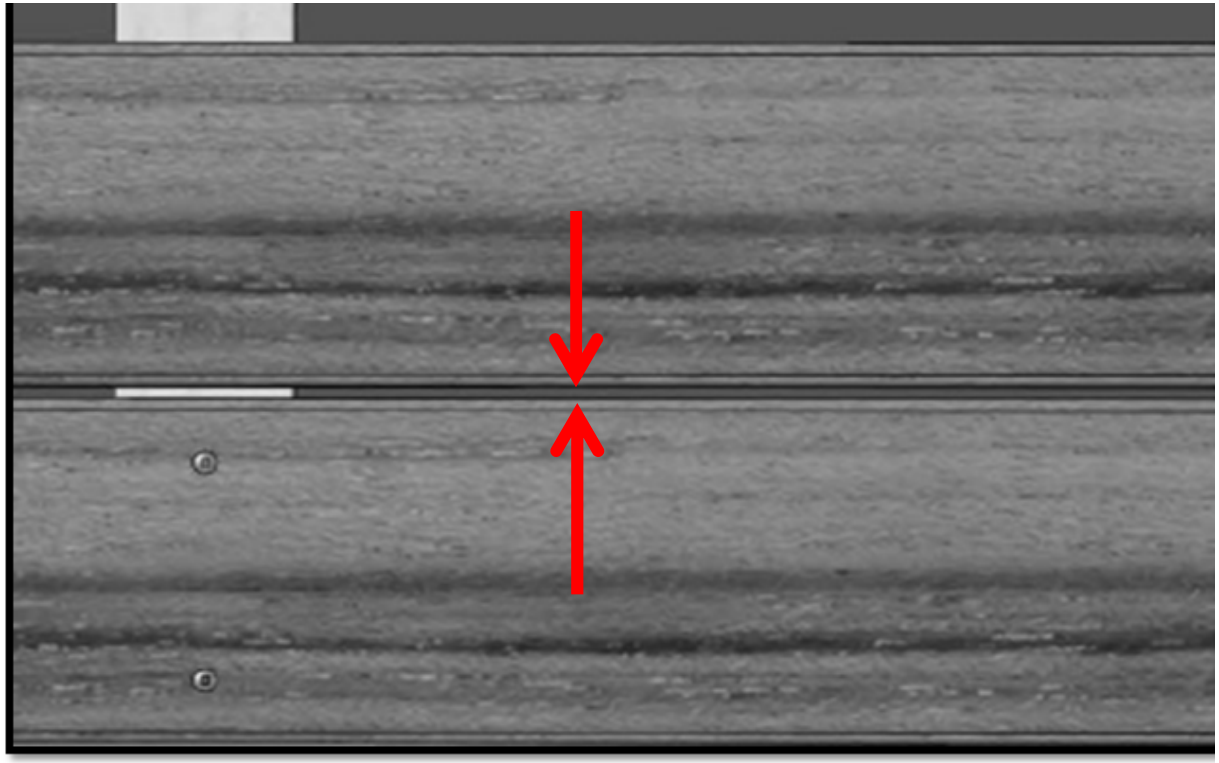
3/4” minimum gap WRP to back of Fiberon boards

Gapping REQUIREMENTS



Gapping-REQUIREMENTS

- Edge to Edge gapping.
  - A minimum of 3/16” is required.
  - Panda RG typical is 1/4”
  - More is acceptable but less is NOT acceptable

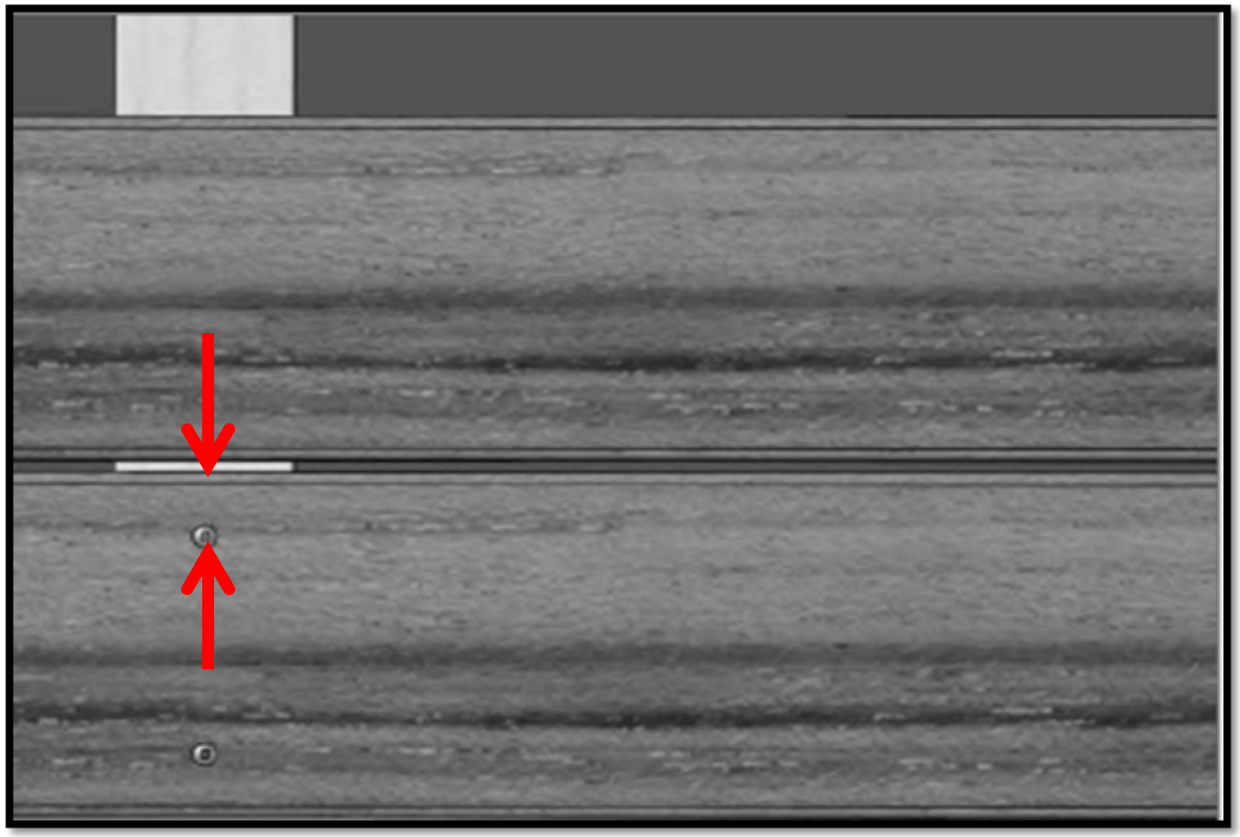


Most common spacers are

- large shaft nails
- aluminum bar stock
- speed squares

Fastener Placement-REQUIREMENTS

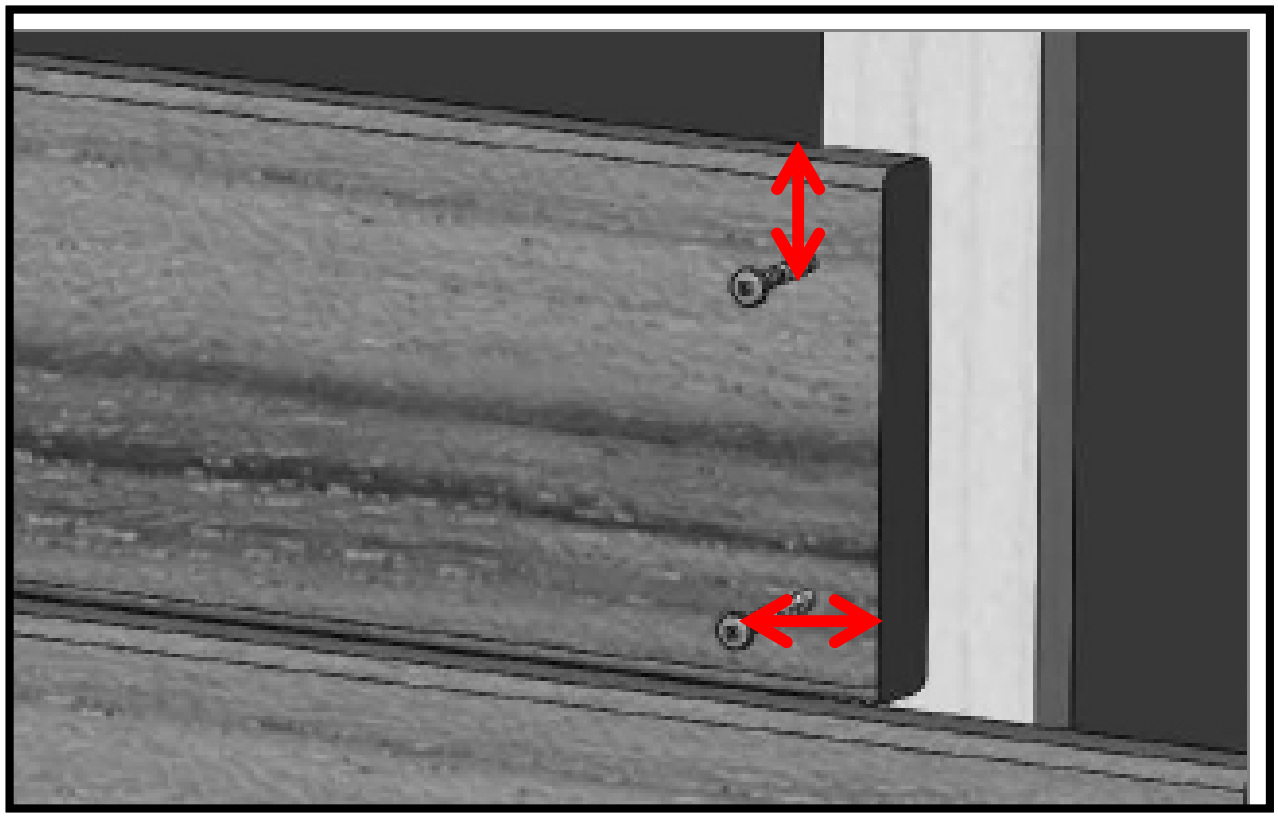
- Fasteners may not be closer than 1” from boards edges



1” minimum
edge spacing

Fastener Placement-REQUIREMENTS

- Fasteners may not be closer than 1” from boards edges
- Fasteners may not be closer than 1.5” from board ends



1” minimum
edge spacing

1 ½” minimum
end spacing

Fastener Best Practices

Best Practices

- Adhere to all spacing requirements
- Test aesthetic of fastener
- Change driver tips often
- Perfectly aligned screw lines
- Use erasable chalk snapping lines
- Driving screws perpendicular
- Fasten into center of furring
- Never try to ‘toe’ a screw
- Using SS fasteners or screws designed specifically for the project or aesthetic

Bad Practices

- Not complying-spacing requirements
- Not testing a fastener aesthetic
- Using worn driver tips
- Erratic screw lines
- Using permanent chalk
- Driving screws at an angle
- Fasten into edge of furring
- Trying to ‘toe’ a screw
- Using inferior quality screws or screws not designed for the project or aesthetic

Q&A