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**KLOVER WEATHER GUARD STANDARD CURTAIN WALL PANEL JOINT DETAILS**

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DISCLAIMER

THESE DETAILS ARE BASED ON INDUSTRY ACCEPTED PRACTICES AND PROVIDE GENERAL GUIDELINES FOR PREFABRICATED COLD FORMED METAL FRAMING (CFMF) ASSEMBLIES, APPLICATIONS, INSTALLATION AND ASSOCIATED COMPONENTS. THESE DETAILS ARE PROVIDED FOR GENERAL INFORMATIONAL PURPOSES ONLY AND ARE NOT PROJECT SPECIFIC.

MANY DETAILS CONTAIN ITEMS MARKED "BY OTHERS" WHICH MEANS THEY ARE NOT SUPPLIED BY KLOVER (UNLESS SPECIFICALLY IDENTIFIED AND AGREED TO BY CONTRACT). THE PURPOSE IN INCLUDING THESE ITEMS IS TO SHOW GENERAL DESIGN CONCEPTS BETWEEN THE VARIOUS COMPONENTS TYPICALLY SUPPLIED BY DIFFERENT VENDORS AS PART OF WALL, FLOOR OR ROOF ASSEMBLIES AND JUNCTURES.

IT IS THE RESPONSIBILITY OF THE ARCHITECT TO PROVIDE THE PROPER DESIGN INTENT. ALL COMPONENTS SHOWN MUST BE DESIGNED AND INSTALLED PER THE LICENSED ENGINEER OF RECORD AND SPECIALTY STRUCTURAL ENGINEER FOR EVERY PROJECT.
5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY

SLOTTED CLIP AS REQUIRED

FASTENERS BETWEEN PANELS AS REQUIRED

STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)

SLAB (BY OTHERS)

CAULK AND/OR TAPE JOINT AS REQUIRED BY AIR/VAPOR/WATER BARRIER SYSTEM

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

COLD ROLLED CHANNEL AS REQUIRED

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS
MULTI-STORY VERTICAL PANELS
STACKED 2 HR.

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

FASTENERS BETWEEN PANELS AS REQUIRED

FAST ENER S BETWEEN PANELS AS REQUIRED

STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)

SLAB (BY OTHERS)

INTERIOR STRUCTURE (BY OTHERS)

CAULK AND/OR TAPE JOINT AS REQUIRED BY AIR/VAPOR/WATER BARRIER SYSTEM

SLOTTED CLIP AS REQUIRED

FIRESTOPS AT FLOOR LINE NOT SHOWN (BY OTHERS)

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

COLD ROLLED CHANNEL AS REQUIRED

DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING

IN FEATURING FIELD INSTALLED (BY OTHERS)

MULTI-STORY VERTICAL PANELS STACKED 2 HR.

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale 3/4" = 1'-0"

Date: 06/29/21

KWG-C-ST-02
REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS
COLD ROLLED CHANNEL AS REQUIRED
DEAD LOAD CLIP AS REQUIRED
STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)
WIND LOAD BRACE AS REQUIRED
INTERIOR STRUCTURE (BY OTHERS)
CFMS AS REQUIRED
OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING
OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
SLAB (BY OTHERS)

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

OPTIONAL FIRE TREATED WOOD BLOCKING / PLYWOOD AS REQUIRED

SPANDREL PANEL W/SUPPORT BRACE AT WINDOW HEAD 2 HR.

1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951

Scale 3/4" = 1'-0"

Date: 06/29/21

KWG-C-ST-04
REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

5/8" EXP GLASS MAT SHEATHING
STANDARD EXTERIOR WALLS ONLY

CFMS AS REQUIRED

COLD ROLLED CHANNEL AS REQUIRED

SLAB (BY OTHERS)

STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)

DEAD LOAD CLIP AS REQUIRED

FIRESTOPS AT FLOOR LINE NOT SHOWN (BY OTHERS)

OPTIONAL NON-FIUID APPLIED VAPOR BARRIER OVER SHEATHING

INTERIOR STRUCTURE (BY OTHERS)

WIND LOAD BRACE AS REQUIRED

OPTIONAL FIRE TREATED WOOD BLOCKING / PLYWOOD AS REQUIRED
SPANDREL PANEL WITH FIXED CLIP FLOOR SUPPORT 2 HR.

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING

CFMS AS REQUIRED

COLD ROLLED CHANNEL AS REQUIRED

SLAB (BY OTHERS)

STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)

DEAD LOAD CLIP AS REQUIRED

FIRESTOPS AT FLOOR LINE NOT SHOWN (BY OTHERS)

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

INTERIOR STRUCTURE (BY OTHERS)

WIND LOAD BRACE AS REQUIRED

OPTIONAL FIRE TREATED WOOD BLOCKING / PLYWOOD AS REQUIRED

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS
DEAD LOAD CLIP AS REQUIRED
STRUCTURAL PERIMETER ANGLE
AND NELSON STUD (BY OTHERS)
INTERIOR STRUCTURE (BY OTHERS)
SLAB (BY OTHERS)
WIND LOAD BRACE AS REQUIRED
CFMS AS REQUIRED
OVERSIZED TRACK TO FASTEN TO UPPER PANEL AS REQUIRED
OPTIONAL FIRE TREATED WOOD BLOCKING / PLYWOOD AS REQUIRED
OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING
5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY
CAULK AND/OR TAPE JOINT AS REQUIRED BY AIR/VAPOR/WATER BARRIER SYSTEM
OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

SPANDREL PANEL WITH INFILL WINDOWS

KLOVER
1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951

Scale 3/4" = 1'-0"
Date: 06/29/21
KWG-C-ST-07
SPANDREL PANEL WITH INFILL WINDOWS 2 HR.

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

- DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
- OPTIONAL NON-FIUID APPLIED VAPOR BARRIER OVER SHEATHING
- CFMS AS REQUIRED
- STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)
- DEAD LOAD CLIP AS REQUIRED
- FIRESTOPS AT FLOOR LINE NOT SHOWN (BY OTHERS)
- INTERIOR STRUCTURE (BY OTHERS)
- WIND LOAD BRACE AS REQUIRED
- CAULK AND/OR TAPE JOINT AS REQUIRED BY AIR/VAPOR/WATER BARRIER SYSTEM
- OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
- OVERSIZED TRACK TO FASTEN TO UPPER PANEL AS REQUIRED
- BRACE AS REQUIRED

KLOVER
1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale: 3/4" = 1'-0"
Date: 06/29/21

KWG-C-ST-08
REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS
DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING
EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
CFMS AS REQUIRED
DECKING (BY OTHERS)
STRUCTURAL PERIMETER ANGLE AND NELSON STUD (BY OTHERS)
SLOTTED CLIP AS REQUIRED
FIRESTOPS AT FLOOR LINE
NOT SHOWN (BY OTHERS)
OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
INTERIOR STRUCTURE (BY OTHERS)
COLD ROLLED CHANNEL AS REQUIRED
OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

OPTIONAL WIND BRACE AS REQUIRED PER WIND LOADS
PARAPET BACKSHEETING, INSULATION AND AIR/WATER/VAPOR BARRIER BY OTHERS (NOT SHOWN)

REFERENCE DETAIL ONLY - CONSULT WITH CFMS STRUCTURAL ENGINEER FOR SIZING, BRACING AND ATTACHMENT REQUIREMENTS

PARAPET WITH FOUNDATION SUPPORTED WALL PANEL 2 HR.

1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951
Scale 3/4" = 1'-0"
Date: 06/29/21
KWG-C-ST-10
EXTERIOR SIDE

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

5/8" EXP GLASS MAT SHEATHING
STANDARD EXTERIOR WALLS ONLY

INTERIOR SIDE

GWB (BY OTHERS)

CFMS HEADER; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

5/8" EXP GLASS MAT SHEATHING
STANDARD EXTERIOR WALLS ONLY

WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

1/4" VAPOR BARRIER TOLERANCE
STOREFRONT / CURTAIN WALL / PUNCH-RO

WINDOW SYSTEM (BY OTHERS)

TOLERANCE FOR VAPOR BARRIER FOR WRAPPING IN OPENING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

CFMS SILL; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

Scale 3" = 1'-0"

Date: 06/29/21
**WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION**

- **EXTERIOR SIDE**
  - Double layer of 5/8" EXP Glass Mat Sheathing
  - Optional non-fluid applied vapor barrier over sheathing
  - Optional rigid insulation secured with fastener - hold back as req'd
  - Tolerance for vapor barrier for wrapping in opening

- **INTERIOR SIDE**
  - CFMS header; see CFMS engineering for member requirements
  - CFMS sill; see CFMS engineering for member requirements
  - GWB (by others)

**Scale** 3" = 1'-0"  
**Date:** 06/29/21  
**KLOVER**  
**WINDOW HEADER & SILL DETAIL**  
**2 HR.**
*WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION
*WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION*
**DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION**
5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

CFMS FRAMING; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

GWB (BY OTHERS)

BOX HEADER OR HSS TUBE WITH BATT INSULATION; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

DOOR FRAME WITH INSULATION (BY OTHERS)

TOLERANCE FOR VAPOR BARRIER FOR WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION
DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

CFMS FRAMING: REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

GWB (BY OTHERS)

BOX HEADER OR HSS TUBE WITH BATT INSULATION; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

DOOR FRAME WITH INSULATION (BY OTHERS)

TOLERANCE FOR VAPOR BARRIER FOR WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

DOOR HEADER 2 HR.

KWG-C-FO-07

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale 3" = 1'-0"

Date: 06/29/21
DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING
EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

CFMS FRAMING; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

GWB (BY OTHERS)

BOX HEADER OR HSS TUBE WITH BATT INSULATION; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

DOOR FRAME WITH INSULATION (BY OTHERS)

TOLERANCE FOR VAPOR BARRIER FOR WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION
5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY

JAMB ASSEMBLY; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

DOOR FRAME WITH INSULATION & DOOR (BY OTHERS)

INTERIOR SIDE

DOOR SIZE

DOOR FRAME SIZE

1/4" VAPOR BARRIER TOLERANCE

CFMS ROUGH OPENING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

TOLERANCE FOR VAPOR BARRIER WRAPPING IN OPENING

EXTERIOR SIDE

5/8" GWB (BY OTHERS)

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

KLOVER

1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951

DOOR JAMB

Scale 3" = 1'-0"

Date: 06/29/21

KWG-C-FO-09
EXTERIOR SIDE

5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY WRAPPED INTO OPENING

JAMB ASSEMBLY; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

DOOR FRAME WITH INSULATION & DOOR (BY OTHERS)

INTERIOR SIDE

5/8" GWB (BY OTHERS)

DOOR SIZE

DOOR FRAME SIZE

1/4" VAPOR BARRIER TOLERANCE

CFMS ROUGH OPENING

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

TOLERANCE FOR VAPOR BARRIER WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION
**INTERIOR SIDE**

- 5/8" GWB (BY OTHERS)
- DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
- JAMB ASSEMBLY; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS
- DOOR FRAME WITH INSULATION & DOOR (BY OTHERS)

**EXTERIOR SIDE**

- DOOR SIZE
- DOOR FRAME SIZE
- 1/4" VAPOR BARRIER TOLERANCE
- CFMS ROUGH OPENING
- OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
- OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING
- TOLERANCE FOR VAPOR BARRIER WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION*
EXTERIOR SIDE

- 5/8" GWB (BY OTHERS)
- DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
- JAMB ASSEMBLY; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS
- DOOR FRAME WITH INSULATION & DOOR (BY OTHERS)

INTERIOR SIDE

- DOOR SIZE
- DOOR FRAME SIZE
- 1/4" VAPOR BARRIER TOLERANCE
- CFMS ROUGH OPENING

- OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
- OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING
- TOLERANCE FOR VAPOR BARRIER WRAPPING IN OPENING

*DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

DOOR JAMB 2 HR. ALTERNATE

KLOVER

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale 3" = 1'-0"

Date: 06/29/21

KWG-C-FO-12
DOOR SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION
EXTERIOR SIDE

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

5/8" EXP GLASS MAT SHEATHING STANDARD EXTERIOR WALLS ONLY

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

INTERIOR SIDE

CFMS FRAMING; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

GWB (BY OTHERS)

BOX HEADER OR HSS TUBE WITH BATT INSULATION; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

OPTIONAL WOOD BLOCKING

TOLERANCE FOR VAPOR BARRIER WRAPPING INTO OPENING

WINDOW FRAME (BY OTHERS)

OPTIONAL WOOD BLOCKING

CFMS SILL; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS

GWB (BY OTHERS)

CFMS FRAMING; REFER TO CFMS ENGINEERING FOR MEMBER REQUIREMENTS

*WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

KLOVER

WINDOW BOXED HEAD & SILL WITH BLOCKING

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale 3" = 1'-0"

Date: 06/29/21

KWG-C-FO-14
*WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION

EXTERIOR SIDE

- Optional non-fluid applied vapor barrier over sheathing
- Double layer of 5/8" exp glass mat sheathing
- Exterior walls only for 2 hr fire rating
- Optional rigid insulation secured with fastener - hold back as req’d

INTERIOR SIDE

- CFMS framing; refer to CFMS engineering for member requirements
- GWB (by others)
- Box header or HSS tube with batt insulation; refer to CFMS engineering for member requirements
- Optional wood blocking
- Tolerance for vapor barrier wrapping into opening
- Window frame (by others)
- Optional wood blocking
- CFMS sill; see CFMS engineering for member requirements
- GWB (by others)
- CFMS framing; refer to CFMS engineering for member requirements

KLOVER

WINDOW BOXED HEAD & SILL WITH BLOCKING 2 HR.

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale: 3" = 1'-0"
Date: 06/29/21

KWG-C-FO-15
EXTERIOR SIDE

INTERIOR SIDE

5/8" EXP GLASS MAT
SHEATHING STANDARD
EXTERIOR WALLS ONLY
JAMB ASSEMBLY: SEE CFMS
ENGINEERING FOR MEMBER
REQUIREMENTS (BY OTHERS)
OPTIONAL WOOD BLOCKING

1/4" VAPOR BARRIER TOLERANCE
1 1/2" WOOD BLOCKING
CFMS WINDOW RO

WINDOW FRAME (BY OTHERS)

TOLERANCE FOR VAPOR
BARRIER FOR WRAPPING IN
OPENING

GWB (BY OTHERS)

STORAGE / CURTAIN WALL / PUNCH RO

OPTIONAL RIGID INSULATION
SECURED WITH FASTENER -
HOLD BACK AS REQ'D

OPTIONAL NON-FLUID APPLIED
VAPOR BARRIER OVER
SHEATHING

*WINDOW SHOP DRAWINGS REQUIRED
PRIOR TO PANEL FABRICATION

WINDOW & CURTAIN WALL JAMB
WITH BLOCKING

1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951
Scale 3" = 1'-0"
Date: 06/29/21
KWG-C-FO-16
**INTERIOR SIDE**

- GWB (BY OTHERS)
- WINDOW FRAME (BY OTHERS)
- DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING
- EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING
- JAMB ASSEMBLY; SEE CFMS ENGINEERING FOR MEMBER REQUIREMENTS (BY OTHERS)
- OPTIONAL WOOD BLOCKING
- 1/4" VAPOR BARRIER TOLERANCE
- 1 1/2" WOOD BLOCKING
- CFMS WINDOW RO
- OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D
- OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

**EXTERIOR SIDE**

*WINDOW SHOP DRAWINGS REQUIRED PRIOR TO PANEL FABRICATION*
OPTIONAL NON-FLUID APPLIED VAPOR BARRIER SPLICE OVER SHEATHING FIELD INSTALLED (BY OTHERS)

OUTSIDE CORNER
SHEATHING WRAPPED ON PANEL ENDS, AS REQUIRED

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

5/8" EXP GLASS MAT SHEATHING
STANDARD EXTERIOR WALLS ONLY

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING

INSIDE CORNER

PANEL JOINT

1/4" JT

1'-4" TYP.
SEE CFMS ENGINEERING

ENLARGED PANEL JOINT ALLOWS SHEATHING TO COVER ENTIRE PANEL

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER SPLICE OVER SHEATHING FIELD INSTALLED (BY OTHERS)

INCOMPLETE PANEL JOINTS- EXTERIOR

KLOVER
1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951

Scale  1 1/2" = 1'-0"

Date:  06/29/21

KWG-C-PJ-01
**Exterior Panel Joint Details**

- **Outside Corner:** Sheathing wrapped on panel ends, as required.
- **Inside Corner:** Panel joint.
- **Panel Joint:** 1 1/4" JT.
- **Additional Notes:** Optional rigid insulation secured with fastener - hold back as req'd. Double layer of 5/8" exp glass mat sheathing for exterior walls only for 2 hr fire rating.
- **Vapor Barrier:** Optional non-fluid applied vapor barrier over sheathing.
- **Infill Materials:** Field installed (by others).

**Interior Panel Joint Details**

- **Enlarged Panel Joint:** Allows sheathing to cover entire panel.
- **Infill Materials Field:** Installed (by others).
- **Additional Notes:** Optional non-fluid applied vapor barrier splice over sheathing field installed (by others).

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**KLOVER**

1121 Richland Commerce Drive; Suite B
Quakertown, PA 18951

Scale: 1 1/2" = 1'-0"

Date: 06/29/21

**Panel Joints - Exterior 2 HR.**
**EXTERIOR**

- Refer to CFMS Engineering
- 1'-4" TYP. 1/4" Construction Joint
- GWB (BY OTHERS)
- CFMS Framing
- Optional Non-Fluid Applied Vapor Barrier Over Sheathing
- 5/8" Exp Glass Mat Sheathing Standard exterior walls only
- Optional rigid insulation secured with fastener - hold back as req’d

**INTERIOR**

- Caulk and/or tape joint as required by air/vapor/water barrier system
- Infill materials field installed (by others)
- Panel joint - vapor barrier field taping over sheathing

**Panel Joint - Vapor Barrier Field Taping Over Sheathing**

KLOVER

1121 RICHLAND COMMERCE DRIVE; SUITE B
QUAKERTOWN, PA 18951

PANEL JOINT - VAPOR BARRIER FIELD TAPING OVER SHEATHING

Scale 1 1/2" = 1'-0"

Date: 06/29/21

KWG-C-PJ-03
EXTERIOR

REFER TO CFMS ENGINEERING

1'-4" TYP.

1/4" CONSTRUCTION JOINT

DOUBLE LAYER OF 5/8" EXP GLASS MAT SHEATHING EXTERIOR WALLS ONLY FOR 2 HR FIRE RATING

OPTIONAL NON-FLUID APPLIED VAPOR BARRIER OVER SHEATHING - HOLD BACK AS REQ'D

INFill MATERIALS FIELD INSTALLED (BY OTHERS)

INTERIOR

CAULK AND/OR TAPE JOINT AS REQUIRED BY AIR/VAPOR/WATER BARRIER SYSTEM

OPTIONAL RIGID INSULATION SECURED WITH FASTENER - HOLD BACK AS REQ'D

1 1/2" = 1'-0"

PNL JNT - VAPOR BARRIER FIELD TAPING OVER SHEATHING 2 HR.

1121 RICHLAND COMMERCE DRIVE; SUITE B QUAKERTOWN, PA 18951

Scale 1 1/2" = 1'-0"

Date: 06/29/21

KWG-C-PJ-04