

NOTE: USE ON SLOPES
LESS THAN 2:12.

NOTE: REQUIRES FLOATING RIDGE,
SHED RIDGE, HEADWALL, AND HIP.

Field Lock

Valley Detail (Fixed)

Scale: 3" = 1'-0"

Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 29 - Valley Pan

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws with washer sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"

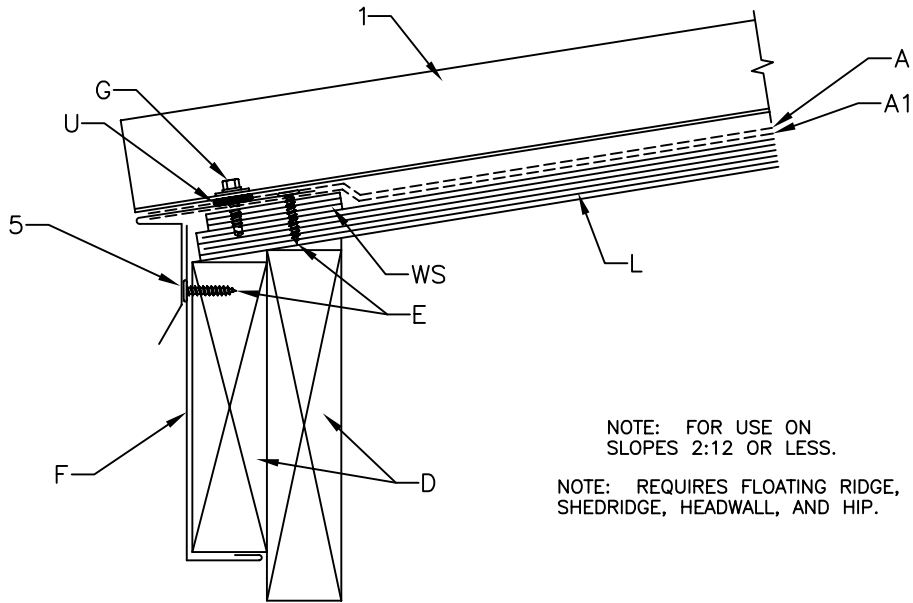
* - Indicates color side.



ATAS INTERNATIONAL, INC.
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE		FLS Valley (Fixed) - ply					
DWG NO. / FILE NO.		FLS Valley (Fixed) - ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Valley (Fixed) - ply



NOTE: FOR USE ON SLOPES 2:12 OR LESS.
 NOTE: REQUIRES FLOATING RIDGE, SHEDRIDGE, HEADWALL, AND HIP.

Legend

As Supplied By ATAS:

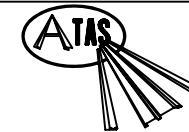
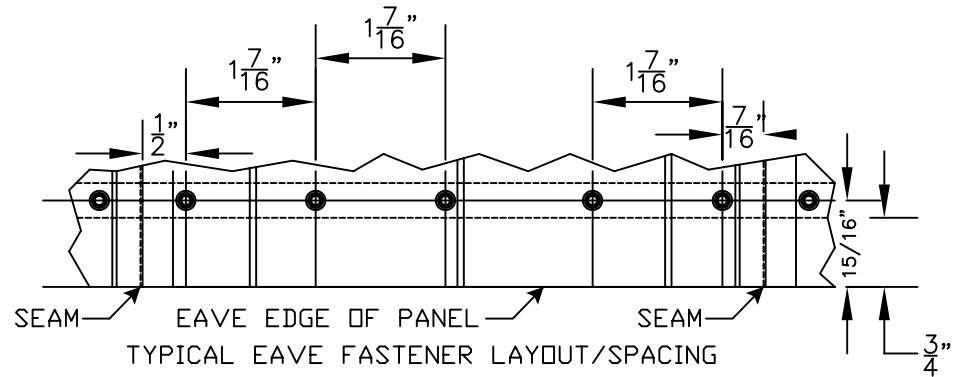
- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 5 - Eave Trim

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- WS - Wood Shim
- * - Indicates color side.

Field Lock
 Fixed Eave Detail
 w/ Wall Panel

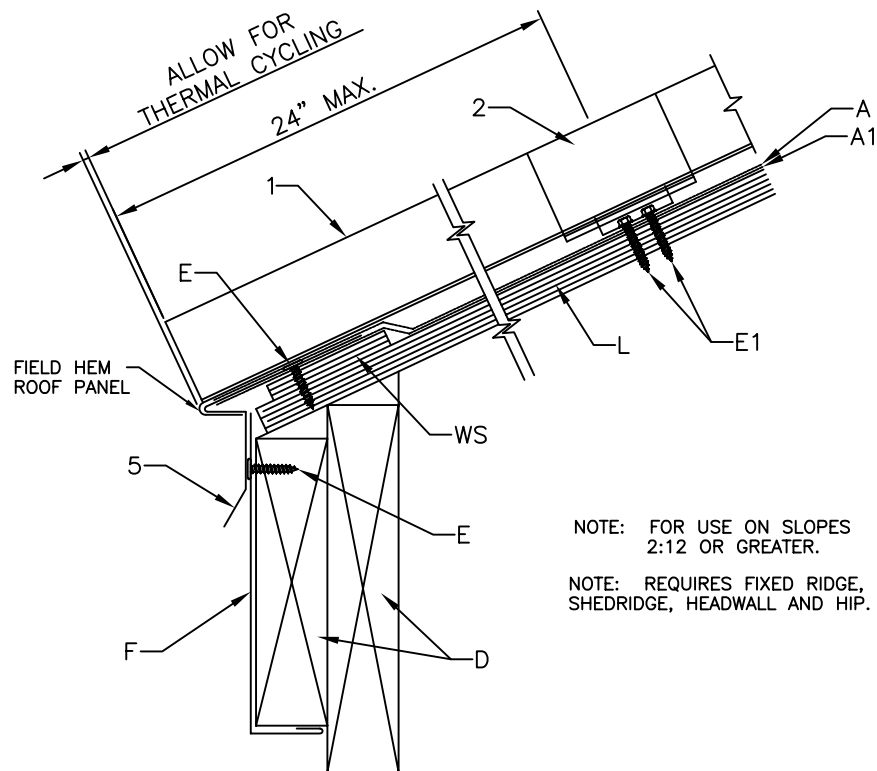
Scale: 3" = 1'-0"



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 Mesa AZ
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TITLE										FLS Eave w Wall (Fixed) - ply			
DWG NO. / FILE NO.		FLS Eave w Wall (Fixed) - ply								SCALE		3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06						
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY						

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Eave w Wall (Fixed) - ply



NOTE: FOR USE ON SLOPES
2:12 OR GREATER.
NOTE: REQUIRES FIXED RIDGE,
SHEDRIDGE, HEADWALL AND HIP.

Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 5 - Eave Trim
- 65 - Offset Angle

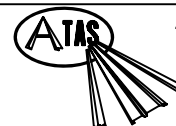
As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- V - Eave Plate

* - Indicates color side.

**Field Lock
Floating Eave Detail**

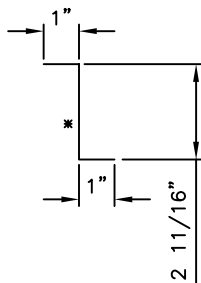
Scale: 3" = 1'-0"



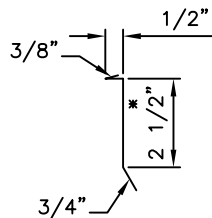
ATAS INTERNATIONAL, INC.
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE								FLS Eave w/ Wall (Floating) - ply	
DWG NO. / FILE NO.				FLS Eave w/ Wall (Floating) - ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06		
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY		

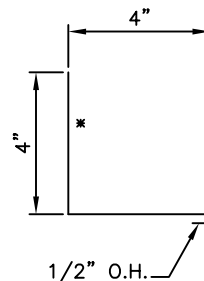
Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Eave w/ Wall (Floating) - ply



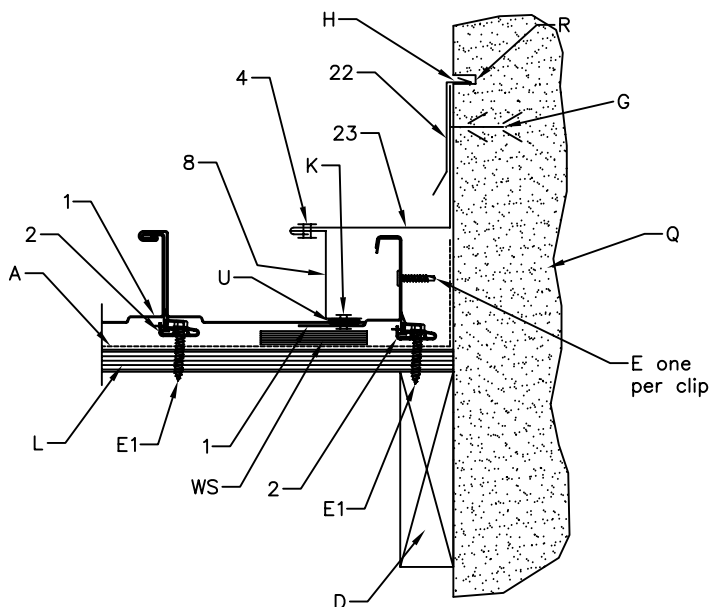
⑧ - FLA212 'Z' CLOSURE



②② - FLA980 COUNTERFLASHING



②③ - FLA410 SIDEWALL TRIM



Legend


As Supplied By ATAS:

- 1 - FLSXXXField Lock Seam Panel
- 2 - Anchor Clips
- 8 - 'Z' Closure
- 22 - Counterflashing
- 23 - Sidewall Trim

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structural
- D - Trim Boards
- E - #12 x 1' Wafer Head Screws
- E1 - #12 x 1-1/4' Hex Head Screws
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- H - Appropriate Type Sealant
- J - Painted Pop-Rivets
- K - Plain Pop-Rivets - Not to penetrate the substrate.
- L - Plywood
- Q - Masonry Walls
- R - Reglets
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"

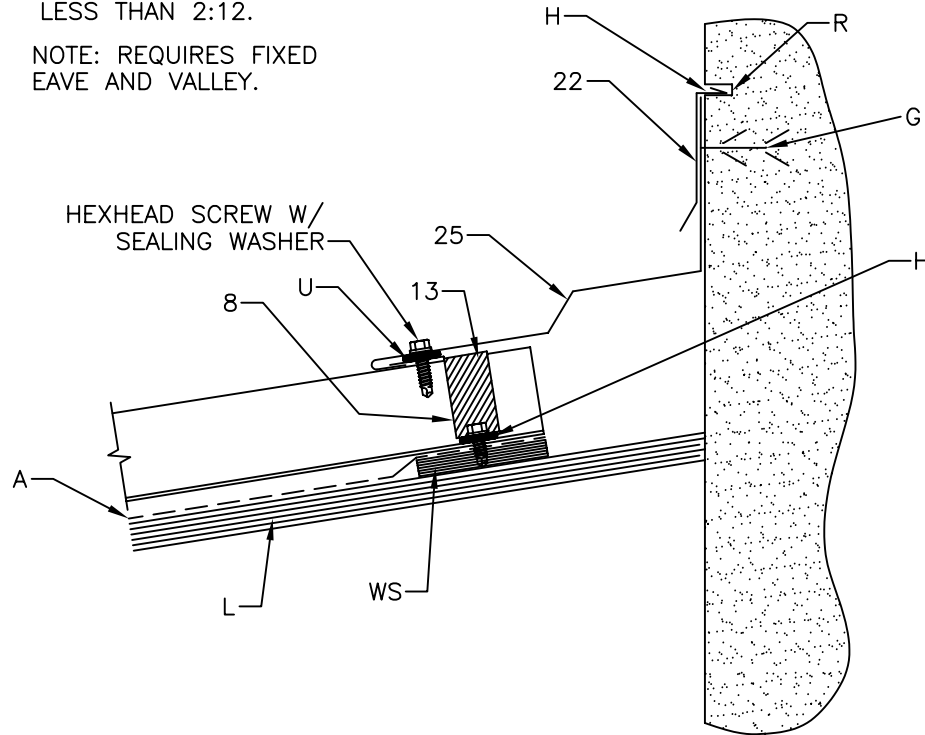
Field Lock Seam Panel
Ending Rake/Sidewall Detail - plywood
Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE FLS Ending Sidewall (Fixed) - ply			
DWG NO. / FILE NO.		SCALE 3"=1'-0"	
DRAWN BY DAS		DATE 3-6-06	APPR. BY JEB DATE 6-1-06
REVISION NO.	XXXX	REVISION DATE MM/DD/YY	APPR. BY XXXX APPR. DATE MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Ending Sidewall (Fixed) - ply

NOTE: USE ON SLOPES
LESS THAN 2:12.

NOTE: REQUIRES FIXED
EAVE AND VALLEY.



Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 3 - Optional Metal Seam End Plugs
- 4 - Painted Pop Rivets
- 8 - "Z" Closure
- 13 - Neoprene Closure
- 22 - Counterflashing
- 25 - Headwall Transition (Floating)

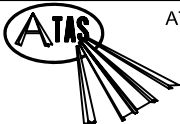
As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- H - Appropriate Sealant
- L - Plywood
- R - Reglet
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"

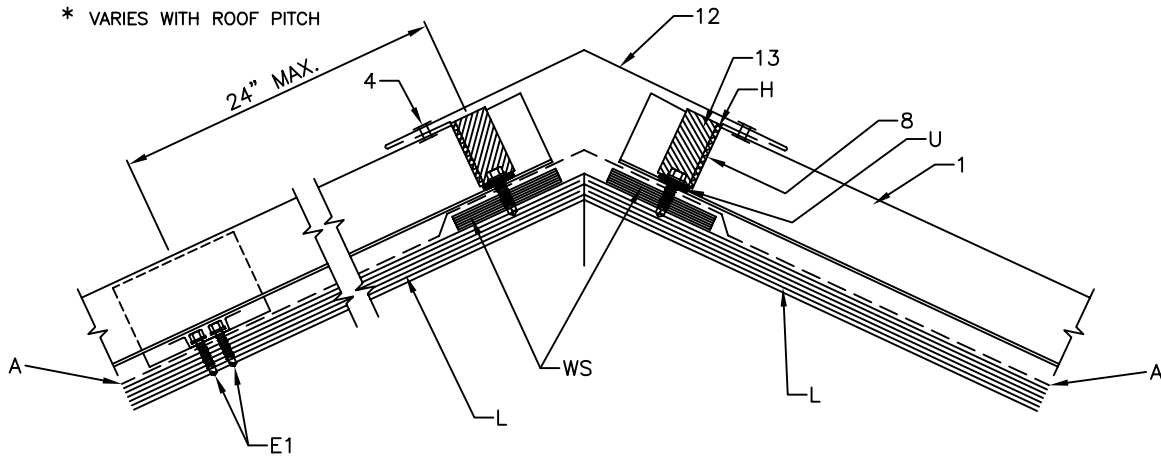
* - Indicates color side.

Field Lock
Headwall Detail (Floating)

Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210					
		TITLE FLS Headwall (Floating) - ply					
DWG NO. / FILE NO.		FLS Headwall (Floating) - ply				SCALE 3"=1'-0"	
DRAWN BY DAS	DATE 3-6-06	APPR. BY JEB	DATE 6-1-06				
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Headwall (Floating) - ply



Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 12 - Hip Cap (Fixed)

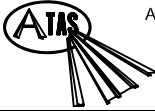
As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- H - Appropriate Sealant
- L - Plywood
- U - Butyl Tape Sealant
- V - Support Plate - 18 ga.
- WS - Wood Shim 3/8" or 1-3/8"

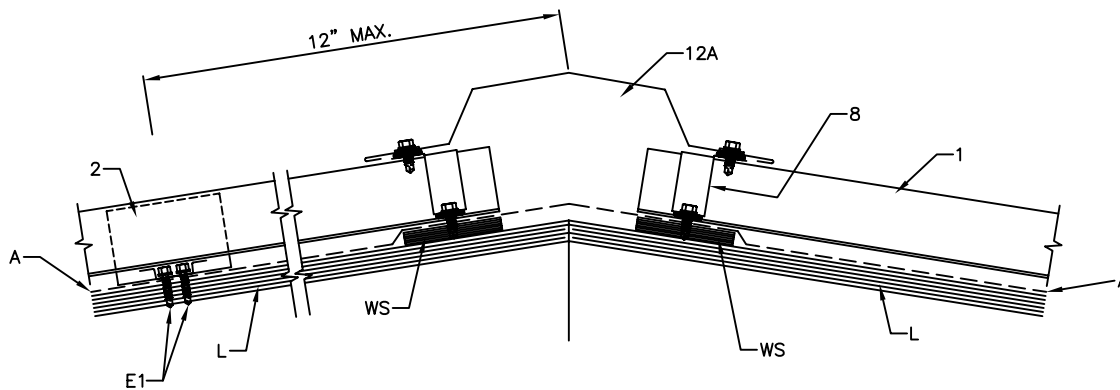
* - Indicates color side.

NOTE: FOR USE ON SLOPES 2:12 OR GREATER.
NOTE: REQUIRES FLOATING EAVE AND VALLEY.

Field Lock
Hip Detail (Fixed) Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE			
FLS Hip (Fixed) - ply			
DWG NO. / FILE NO.		FLS Hip (Fixed) - ply	
SCALE		3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06
APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY
APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Hip (Fixed) - ply



* VARIES WITH ROOF PITCH

NOTE: USE ON SLOPES LESS THAN 2:12.

NOTE: REQUIRES FIXED EAVE AND VALLEY.

Legend

- As Supplied By ATAS:
 1 - ATAS FLS Panel
 2 - Anchor Clips
 4 - Painted Pop Rivets
 12A- Hip Cap (Floating)

As Supplied By Others:

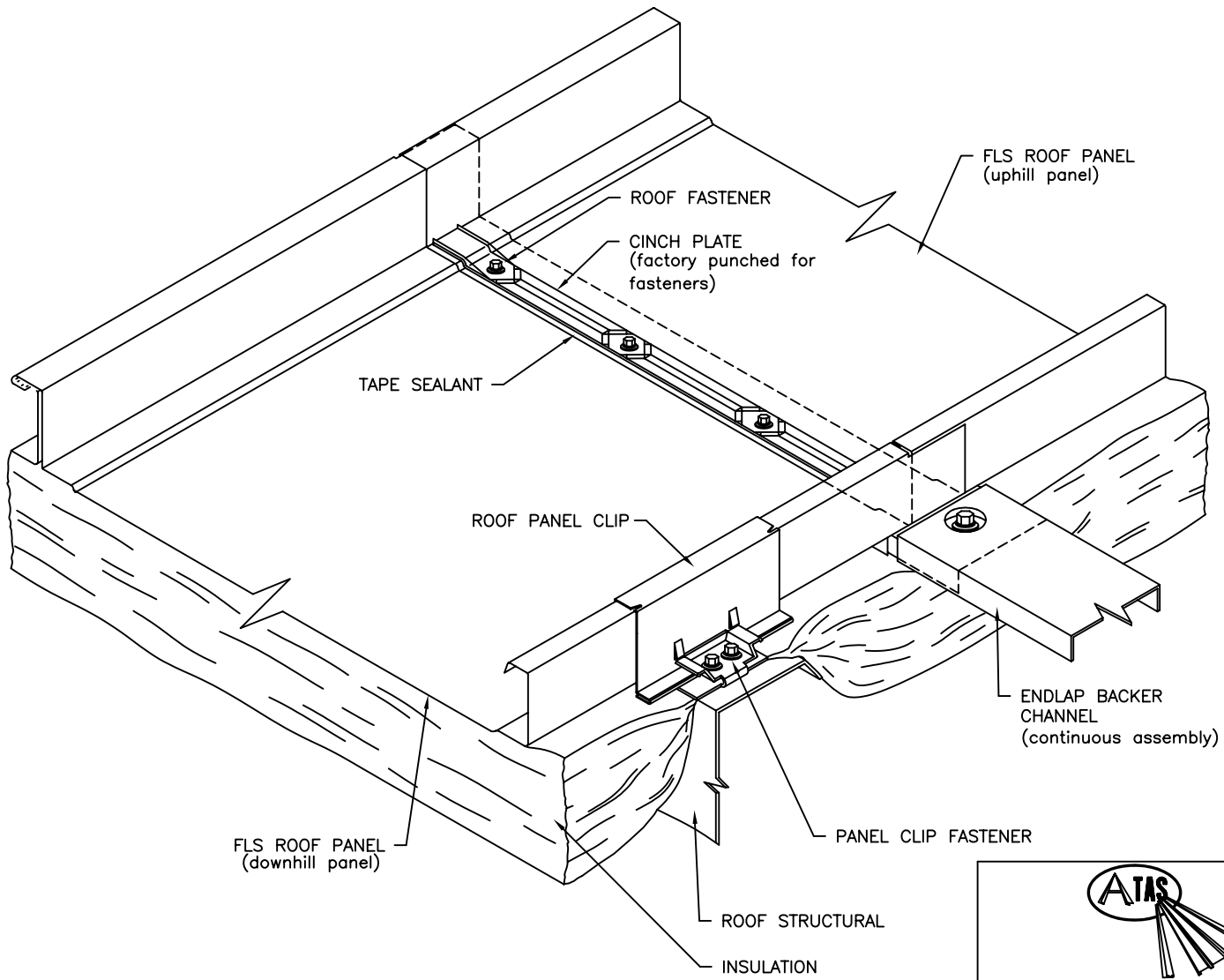
- A - 30# (Minimum) Felt with Rosin Paper
 A1 - 40 MIL Ice & Water Shield
 B - Top of Roof Deck or Insulation
 C - Structurals
 D - Trim Boards
 E - #12 x 1" Wafer Head Screws
 F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
 G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
 L - Plywood
 U - Butyl Tape Sealant
 V - Support Plate
 WS - 3Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

Field Lock
 Hip Detail (Floating) Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210					
TITLE							
FLS Hip (Floating) - ply							
DWG NO. / FILE NO.		FLS Hip (Floating) - ply				SCALE	
						3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

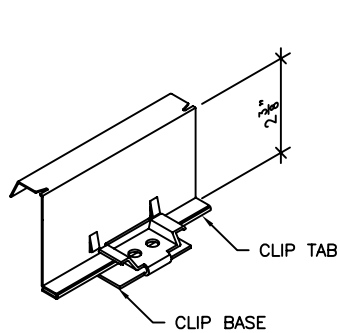
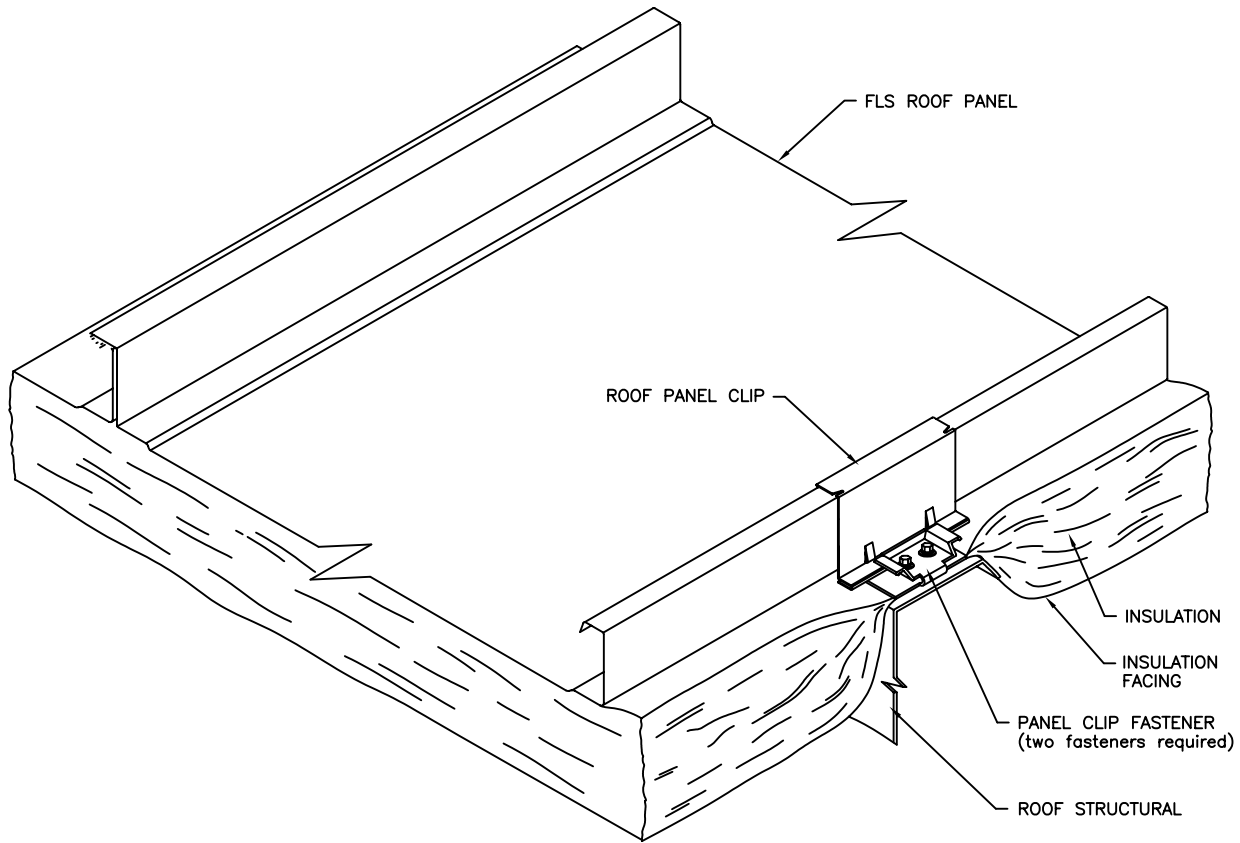
Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Hip (Floating) - ply



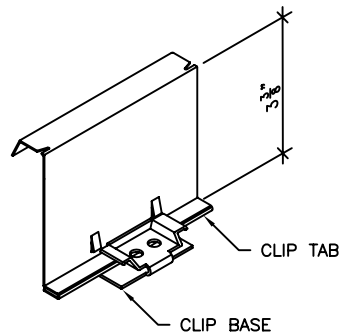
ATAS INTERNATIONAL, INC.
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 610-395-8445
 Mesa AZ
 480-558-7210

TITLE		FLS Panel Assembly					
DWG NO. / FILE NO.		FLS Panel Assembly				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Panel Assembly



FOR 2" ROOF PANEL
W/ 3/8" STAND-OFF



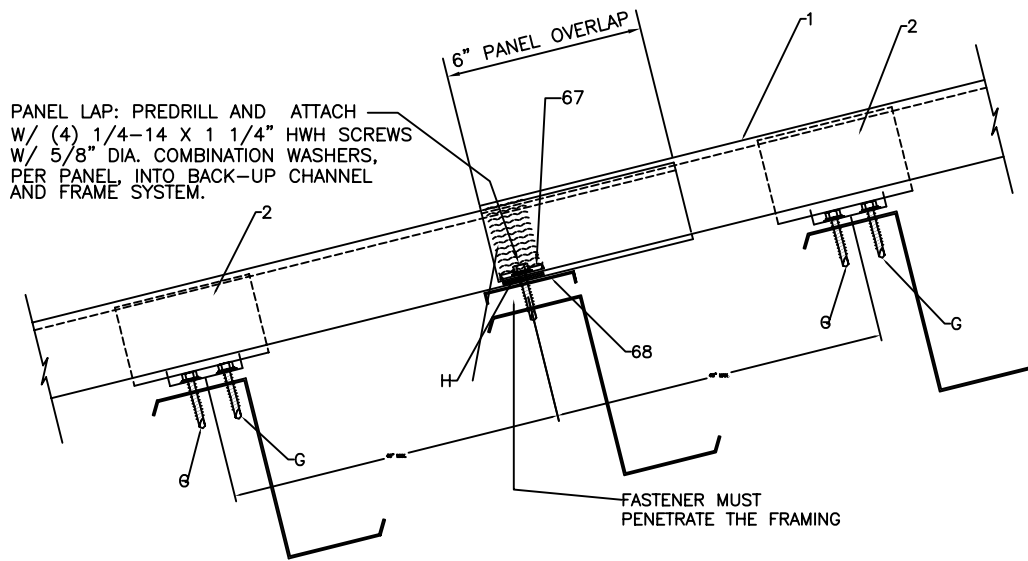
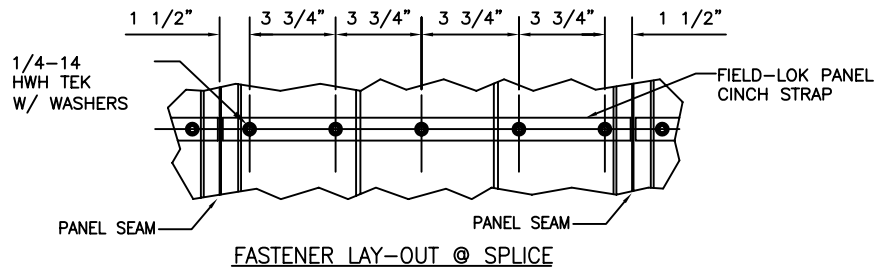
FOR 2" ROOF PANEL
W/ 1 3/8" STAND-OFF



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TITLE		FLS Panel Clip					
DWG NO. / FILE NO.		FLS Panel Clip			SCALE	3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Panel Clip



Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 3 - Optional Metal Seam End Plugs
- 67 - Cinch Strap
- 68 - Backup Plate

As Supplied By Others:

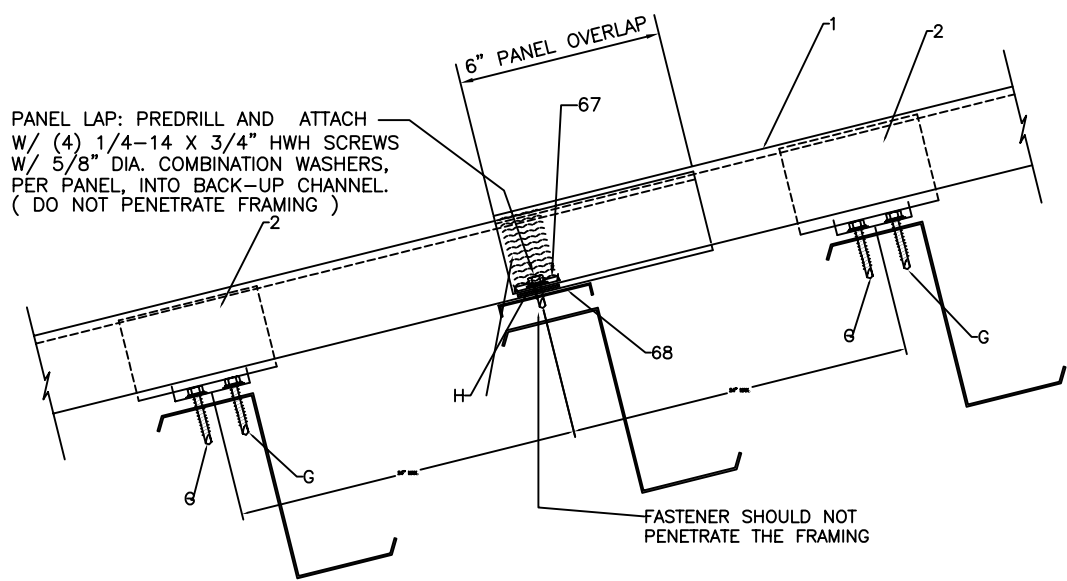
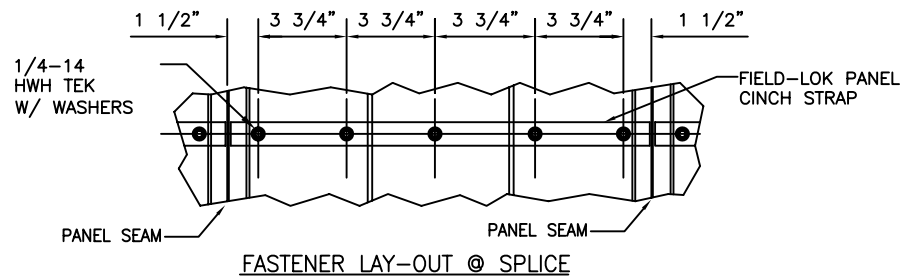
- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- V - Eave Plate

* - Indicates color side.

Field Lock
Panel Splice Detail (Fixed) Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE FLS Panel Splice (Fixed)			
DWG NO. / FILE NO.		FLS Panel Splice (Fixed)	
SCALE		3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06
APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY
APPR. BY	XXXX	DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Panel Splice (Fixed)



Legend

As Supplied By ATAS:


- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 3 - Optional Metal Seam End Plugs
- 67 - Cinch Strap
- 68 - Backup Channel

As Supplied By Others:

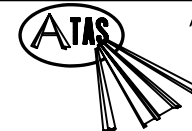
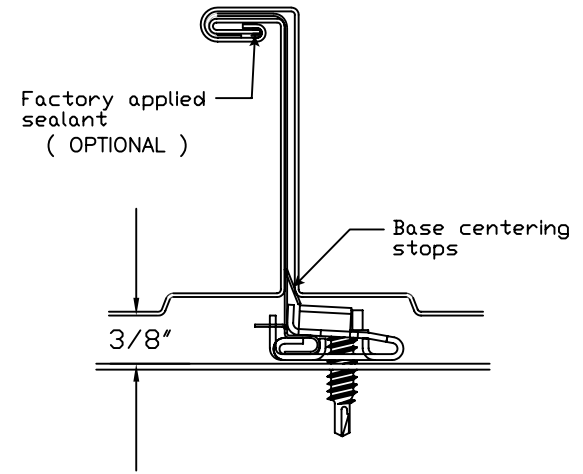
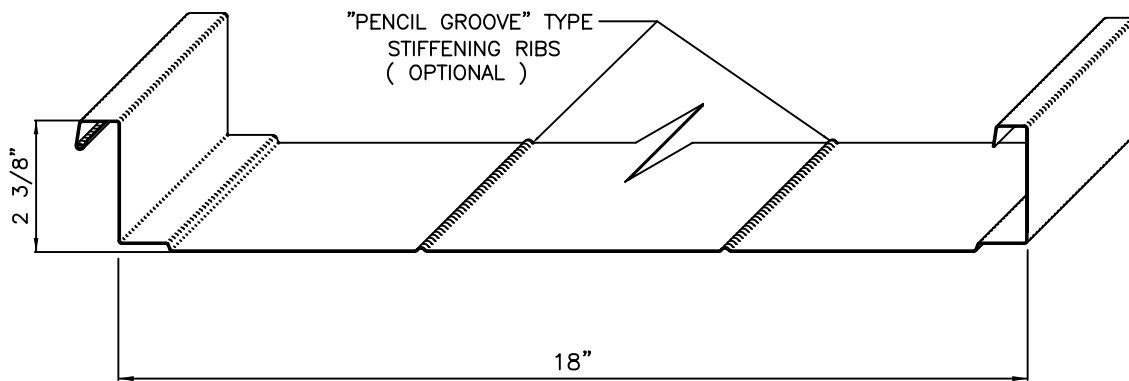
- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- V - Eave Plate

* - Indicates color side.

Field Lock
Panel Splice Detail (Floating) Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210		
TITLE FLS Panel Splice (Floating)				
DWG NO. / FILE NO.		FLS Panel Splice (Floating)		SCALE 3"=1'-0"
DRAWN BY DAS	DATE 3-6-06	APPR. BY JEB	DATE 6-1-06	
REVISION NO. XXXX	REVISION DATE MM/DD/YY	APPR. BY XXXX	APPR. DATE MM/DD/YY	

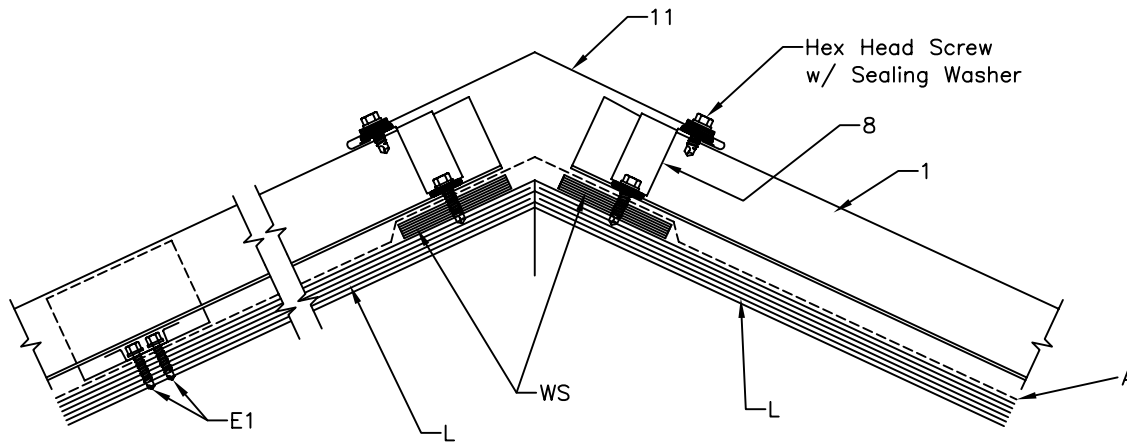
Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Panel Splice (Floating)



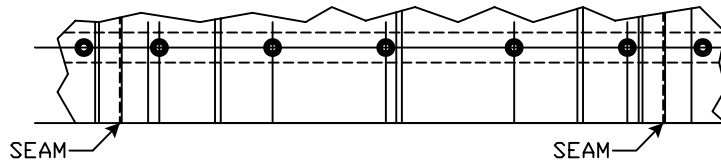
ATAS INTERNATIONAL, INC.
 Allentown PA
 610-395-8445
 Mesa AZ
 480-558-7210

TITLE								FLS Profile			
DWG NO. / FILE NO.		FLS Profile						SCALE	3"=1'-0"		
DRAWN BY	DAS	DATE	3-6-06		APPR. BY	JEB		DATE	6-1-06		
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY		APPR. BY	XXXX		APPR. DATE	MM/DD/YY		

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Profile



Field Lock
Ridge Detail (Fixed) Scale: 3" = 1'-0"



TYPICAL FASTENER LAYOUT AT FIXED POINT
5 FASTENERS PER PANEL

Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 11 - Ridge Cap (Fixed)

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- V - Support Plate - 18 ga.
- WS - Wood Shim 3/8" or 1-3/8"

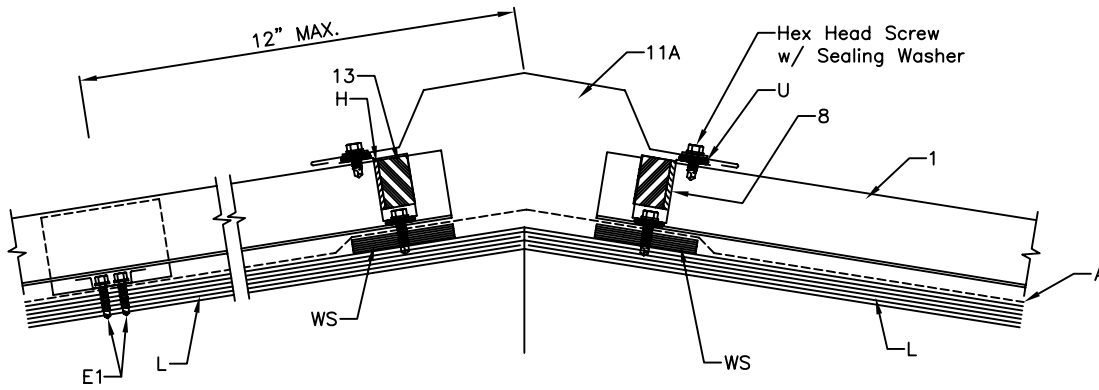
* - Indicates color side.



ATAS INTERNATIONAL, INC.
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE		FLS Ridge (Fixed) - ply					
DWG NO. / FILE NO.		FLS Ridge (Fixed) - ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Ridge (Fixed) - ply



* VARIES WITH ROOF PITCH

NOTE: USE ON SLOPES LESS THAN 2:12.

NOTE: REQUIRES FIXED EAVE AND VALLEY.

Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 11A - Ridge Cap (Floating)
- 13 - Neoprene Closure


As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"

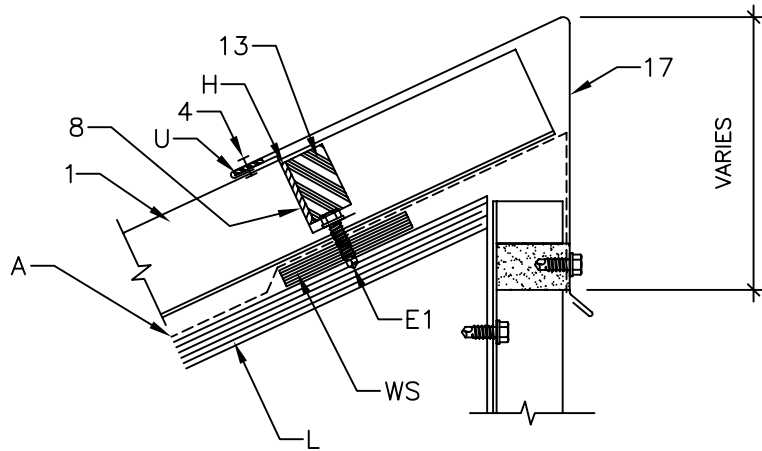
* - Indicates color side.

Field Lock
Ridge Detail (Floating)

Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE FLS Ridge (Floating) - ply			
DWG NO. / FILE NO.		FLS Ridge (Floating) - ply	
SCALE		3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06
APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY
APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Ridge (Floating) - ply



NOTE: USE ON SLOPES
2:12 OR GREATER.

NOTE: REQUIRES FLOATING
RIDGE AND VALLEY.

Legend

As Supplied By ATAS:

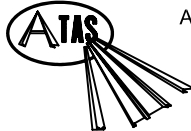
- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop-Rivet
- 8 - Standard "Z" Closure
- 13 - Neoprene Closure
- 17 - Shed Ridge Cap

As Supplied By Others:

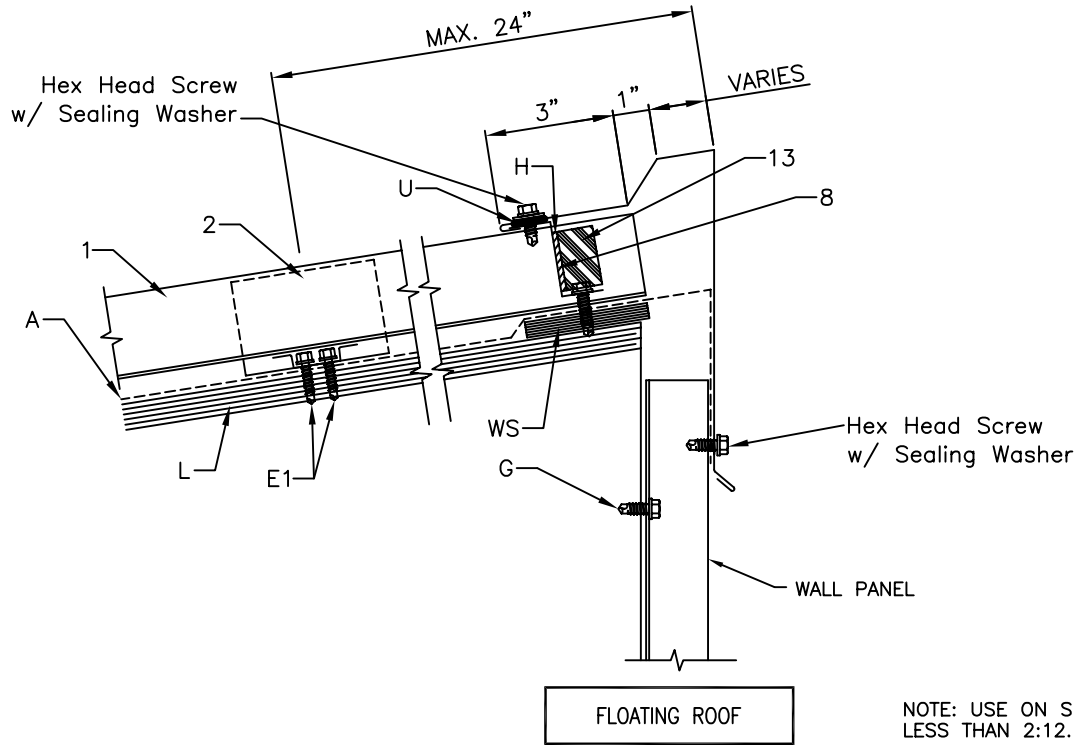
- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- V - Support Plate
- WS - Wood Shim 3/8" or 1-3/8"
- * - Indicates color side.

**Field Lock
Shed Ridge Detail
(Fixed)**

Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210					
		TITLE FLS Shed Ridge (Fixed) - ply					
DWG NO. / FILE NO.		FLS Shed Ridge (Fixed) - ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Shed Ridge (Fixed) - ply



NOTE: USE ON SLOPES
LESS THAN 2:12.
NOTE: REQUIRES FIXED
EAVE AND VALLEY.

Legend

As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 8 - Standard "Z" Closure
- 13 - Neoprene Closure


As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- WS - 3/8" Wood Shim

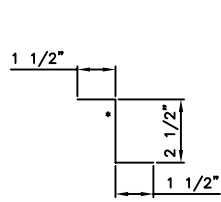
* - Indicates color side.

Field Lock
Shed Ridge Detail
(Floating)

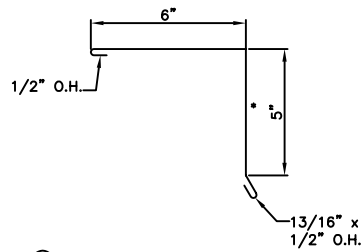
Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE			
FLS Shed Ridge (Floating) - ply			
DWG NO. / FILE NO.		SCALE	
FLS Shed Ridge (Floating) - ply		3"=1'-0"	
DRAWN BY	DAS	DATE	3-6-06
		APPR. BY	JEB
		DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY
		APPR. BY	XXXX
		APPR. DATE	MM/DD/YY

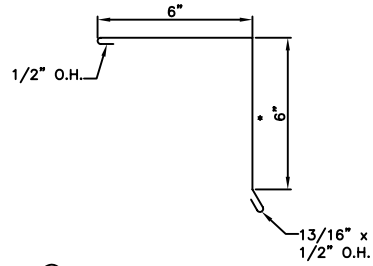
Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Shed Ridge (Floating) - ply



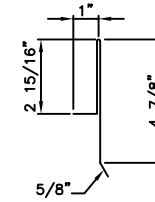
8 - FLA212 GABLE "Z" CLOSURE



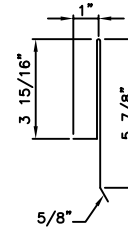
9 - FLA210 GABLE/RAKE TRIM - USE W/FLS038



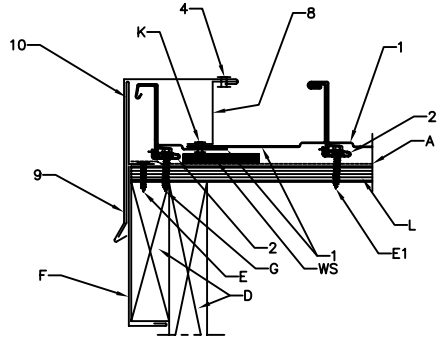
9 - FLA213 GABLE/RAKE TRIM - USE W/FLS138



10 - FLA211 GABLE/RAKE STARTER CLEAT - USE W/FLC038



10 - FLA214 GABLE/RAKE STARTER CLEAT - USE W/FLC138



Field Lock
Ending Gable Detail
Scale: 3" = 1'-0"

Legend

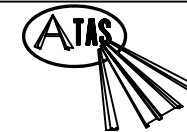
As Supplied By ATAS:

- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 4 - Painted Pop Rivets
- 8 - Standard "Z" Closure
- 9 - Gable/ Rake Closure Trim
- 10 - Gable/ Rake Starter Cleat

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Washer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- K - Plain pop-rivets or short screws - Not to penetrate the substrate.
- L - Plywood
- U - Butyl Tape Sealant
- V - Eave Plate
- WS - Wood Shim 3/8" or 1-3/8"

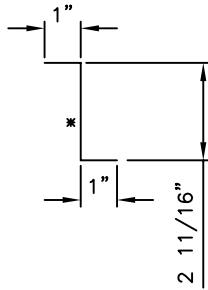
* - Indicates color side.



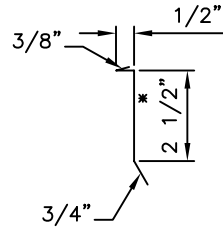
ATAS INTERNATIONAL, INC.
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE		FLS Starting Gable - ply					
DWG NO. / FILE NO.		FLS Starting Gable - ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

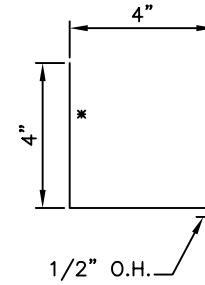
Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Starting Gable - ply



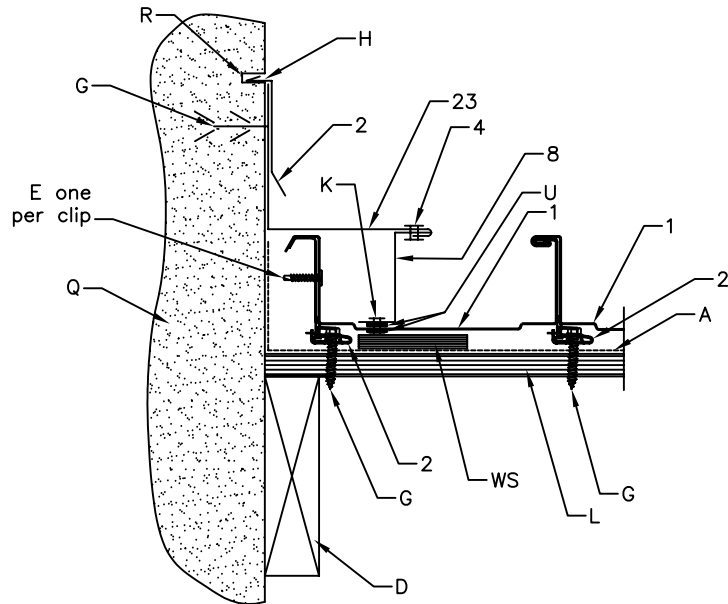
⑧ - FLA212 'Z' CLOSURE



②② - FLA980 COUNTERFLASHING



②③ - FLA410 SIDEWALL TRIM



Field Lock Seam Panel
Starting Rake/Sidewall Detail -
plywood Scale: 3" = 1'-0"

Legend

As Supplied By ATAS:

- 1 - FLSXXX Field Lock Seam Panel
- 2 - Anchor Clips
- 8 - 'Z' Closure
- 22 - Counterflashing
- 23 - Sidewall Trim

As Supplied By Others:

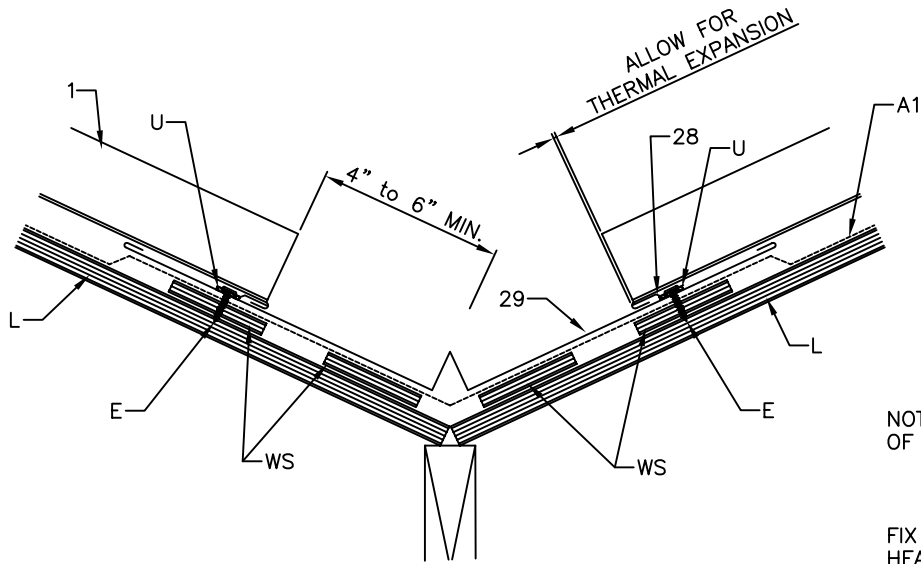
- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1' Wafer Head Screws
- E1 - #12 x 1-1/4" Hex Head Screws
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- H - Appropriate Type Sealant
- J - Painted Pop-Rivets
- K - Plain Pop-Rivets - Not to penetrate the substrate.
- L - Plywood
- P - Wall Panel System
- Q - Masonry Walls
- R - Reglets
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"



ATAS INTERNATIONAL, INC.
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE		FLS Starting Rake Sidewall -ply					
DWG NO. / FILE NO.		FLS Starting Rake Sidewall -ply				SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Starting Rake Sidewall -ply



NOTE: USE ON SLOPES OF 2:12 OR GREATER.

FIX AT RIDGE, SHED, HEADWALL, AND HIP.

Legend

As Supplied By ATAS:


- 1 - ATAS FLS Panel
- 2 - Anchor Clips
- 3 - Optional Metal Seam End Plugs
- 4 - Painted Pop Rivets
- 28 - Joggle Cleat
- 29 - Valley Pan

As Supplied By Others:

- A - 30# (Minimum) Felt with Rosin Paper
- A1 - 40 MIL Ice & Water Shield
- B - Top of Roof Deck or Insulation
- C - Structurals
- D - Trim Boards
- E - #12 x 1" Wafer Head Screws
- F - Fascia Trim (May be fabricated/supplied by ATAS upon request).
- G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)
- L - Plywood
- U - Butyl Tape Sealant
- WS - Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

Field Lock
Valley Detail (Floating) Scale: 3" = 1'-0"

		ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445 Mesa AZ 480-558-7210						
TITLE								
FLS Valley (Floating) - ply								
DWG NO. / FILE NO.		FLS Valley (Floating) - ply				SCALE		3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06	
REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY	

Rev. No.	Revision Date	Drawn By	Description of Revision
0	6-1-06	DAS	FLS Valley (Floating) - ply