

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

- Trim Boards

 $E - #12 \times 1$ " Wafer Head Screws

F - Fascia Trim (May be fabricated/supplied by ATAS upon request).

- Appropriate anchor screws with washer sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

– Plywood

U - Butyl Tape Sealant

WS - Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

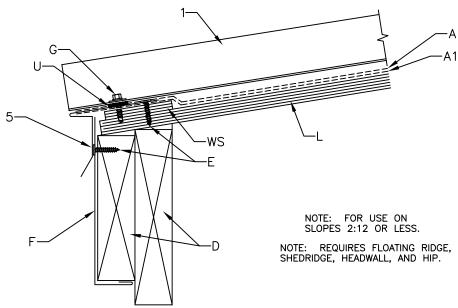


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Allentown PA 610-395-8445 Mesa AZ 480-558-7210

ply

				DWG NO. / FILE NO.	FLS Valley (Fixed) - ply					SCALE	3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS		REVISION NO.	xxxx	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



Field Lock

Fixed Eave Detail w/ Wall Panel

Scale: 3" = 1'-0"

Legend

As Supplied By ATAS:

ATAS FLS Panel

2 - Anchor Clips4 - Painted Pop Rivets

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

- Structurals

- Trim Boards

#12 x 1" Wafer Head Screws
 #12 x 1-1/4" Hex Head Screws
 Fascia Trim (May be fabricated/supplied by ATAS upon request).

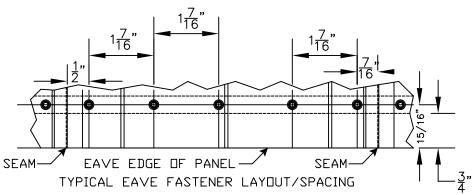
- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

Plywood

- Butyl Tape Sealant

WS - Wood Shim

- Indicates color side.





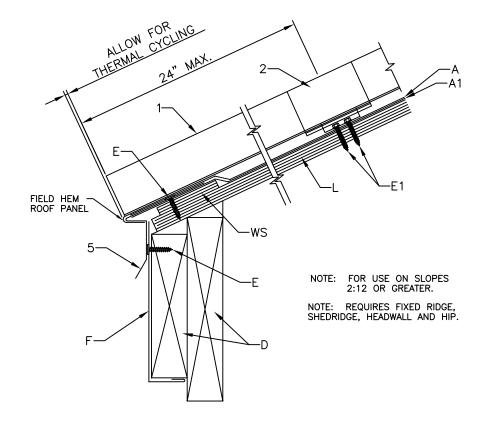
DWG NO /

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TITLE	FLS Eave w Wall (Fixed) - ply
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				FILE NO.	,	-L5 Eave	w wall (Fixe	a) - piy		SCALE	3"=1'-0"
Re No		Drawn By	Description of Revision	DRAWN BY	DAS	DATE		APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Eave w Wall (Fixed) - ply	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



Field Lock

Floating Eave Detail

Scale: 3" = 1'-0"

Legend

As Supplied By ATAS:

- ATAS FLS Panel

Anchor ClipsPainted Pop Rivets

Eave Trim

65 - Offset Angle

As Supplied By Others:

A - 30# (Minimum) Felt with Rosin Paper

A1 - 40" MIL Ice & Water Shield

A1 - 40 MIL Ice & Water Snield
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).

- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

Plywood

Butyl Tape SealantEave Plate

* - Indicates color side.



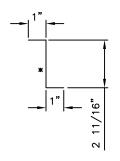
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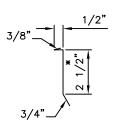
Allentown PA 610-395-8445 Mesa AZ 480-558-7210

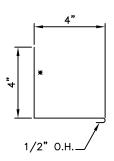
TITLE DWG NO /

FLS Eave w/ Wall (Floating) - ply

				DWG NO. / FILE NO. FLS Eave w/ Wall (Floating) - ply						SCALE	3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS		REVISION NO.	xxxx	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



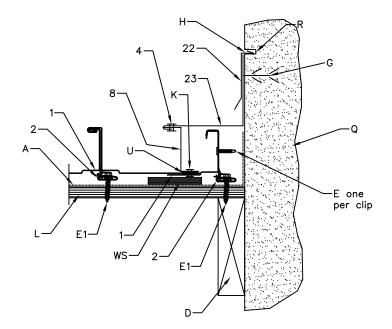




(8) - FLA212 'Z' CLOSURE

(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 - 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.)

- Appropriate Type Sealant

- 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 - Scale: 3" = 1'-0" plywood

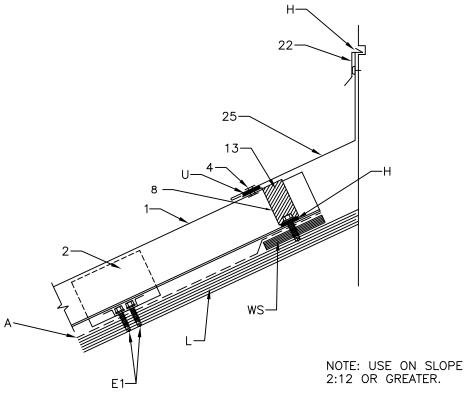


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Mesa AZ 480-558-7210

TLE	FLS Ending Sidewall	(Flxed) - ply	

				DWG NO. / FILE NO. FLS Ending Sidewall (Fixed) - ply						SCALE	3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Ending Sidewall (Fixed) - ply	REVISION NO.	xxxx	REVISION DATE	MM/DD/YY	APPR. BY	xxxx	APPR. DATE	MM/DD/YY



NOTE: REQUIRES FLOATING EAVE AND VALLEY.

Legend

As Supplied By ATAS:

- ATAS FLS Panel

Anchor ClipsPainted Pop Rivets

"Z" Closure

13 - Neoprene Closure

22 - Counterflashing

25 - Headwall Transition (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

- Trim Boards

D - Irim 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).

- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

FLS Headwall (Fixed) - ply

Appropriate Sealant

TITLE

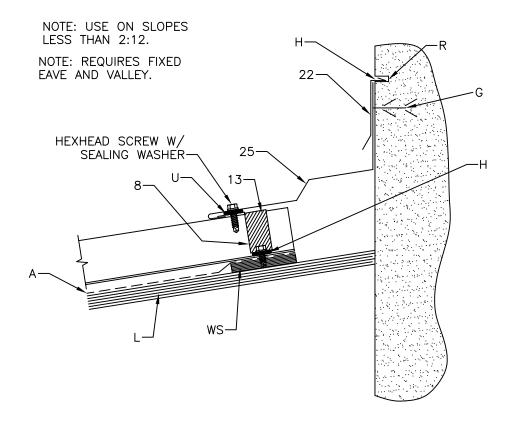
L - Plywood U - Butyl Tape Sealant WS - Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

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



				FLS Headwall (Fixed) - ply						SCALE	3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Headwall (Fixed) - ply	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



Legend

As Supplied By ATAS:

- ATAS FLS Panel

- Anchor Clips

- Optional Metal Seam End Plugs

- 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

Structurals

- Trim Boards
- #12 x 1" Wafer Head Screws
- Fascia Trim (May be fabricated/supplied by ATAS upon request).
- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

Appropriate Sealant

- Plywood

R - Reglet

TITLE

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"

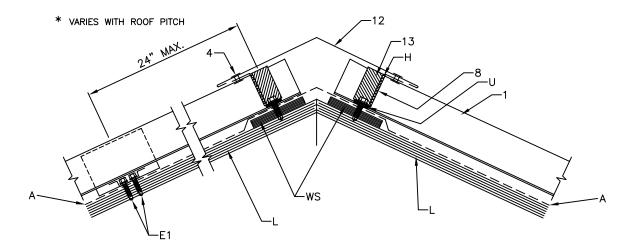


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FLS Headwall (Floating) - ply

				DWG NO. / FILE NO.							3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS		REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	xxxx	APPR. DATE	MM/DD/YY



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

NOTE: REQUIRES FLOATING EAVE AND VALLEY.

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

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.)

Appropriate Sealant

Plywood

U - Butyl Tape Sealant
V - Support Plate - 18 ga.
WS - Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

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

Description of Revision

Drawn

DAS

FLS Hip (Fixed) - ply

Rev. No.

Revision Date

6-1-06



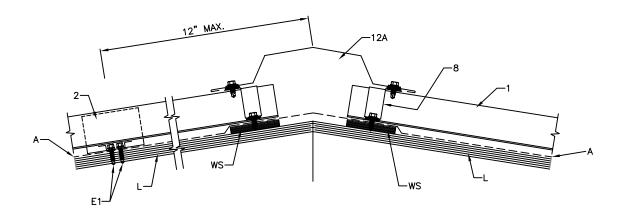
TITLE

ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445

Mesa AZ 480-558-7210

FLS Hip (Fixed) - ply

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



* VARIES WITH ROOF PITCH

NOTE: USE ON SLOPES LESS THAN 2:12.

NOTE: REQUIRES FIXED EAVE AND VALLEY.

Field Lock

6-1-06

Hip Detail (Floating)

DAS

Scale: 3" = 1'-0"

FLS Hip (Floating) - ply

Description of Revision

Legend

As Supplied By ATAS:

1 - ATAS FLS Panel

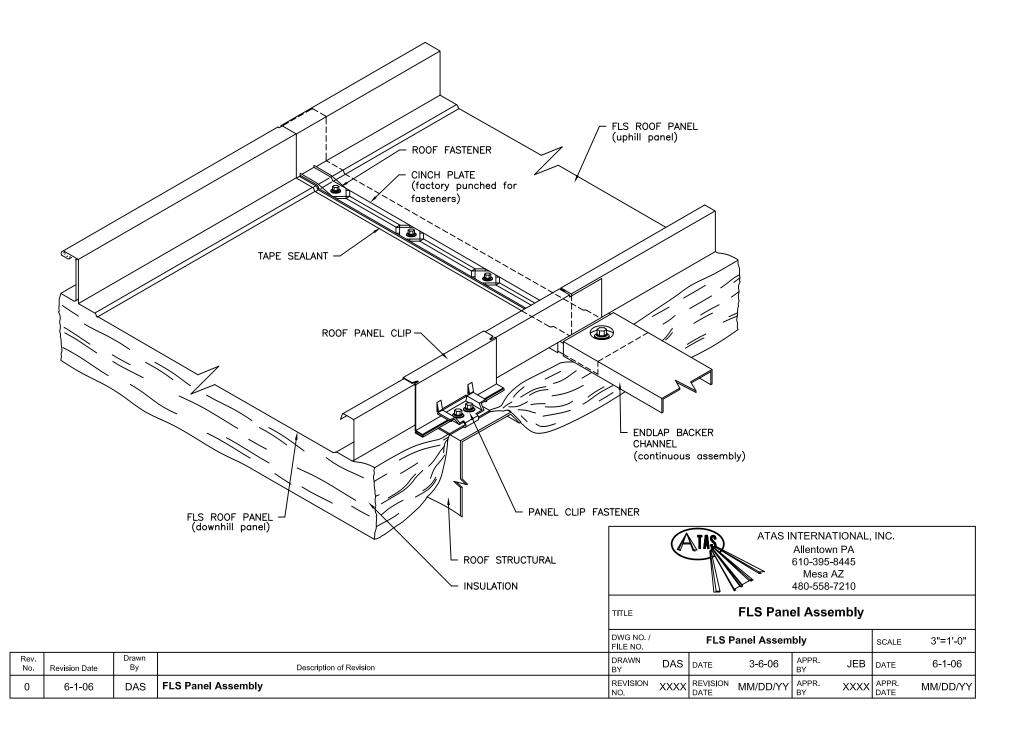
2 - Anchor Clips 4 - Painted Pop Rivets 12A- Hip Cap (Floating)

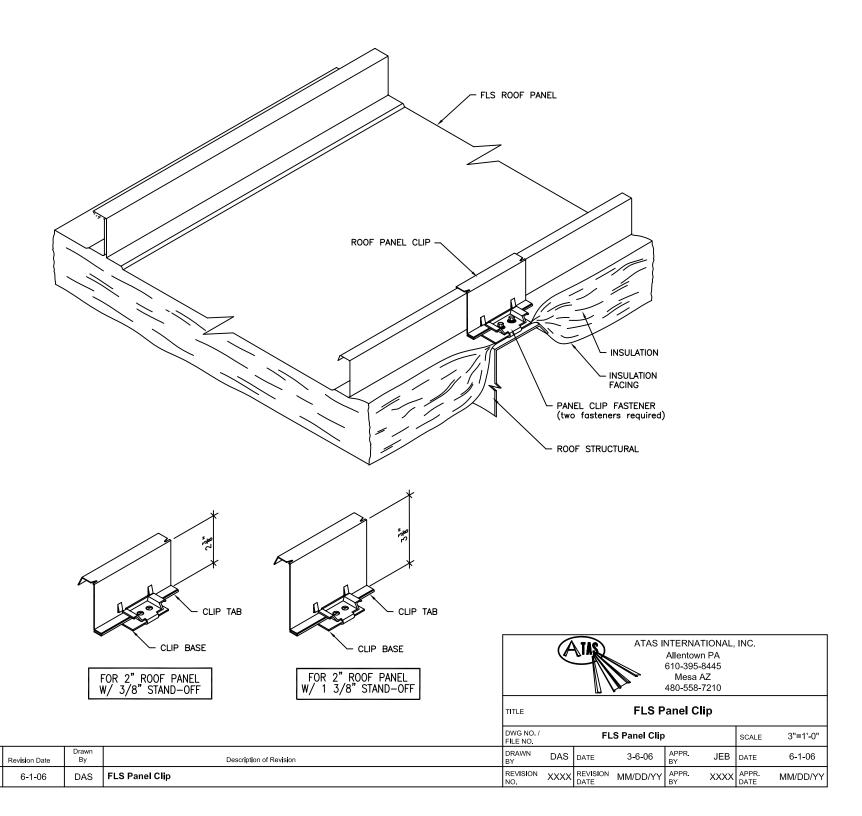
As Supplied By Others:

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"

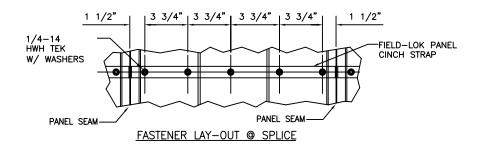


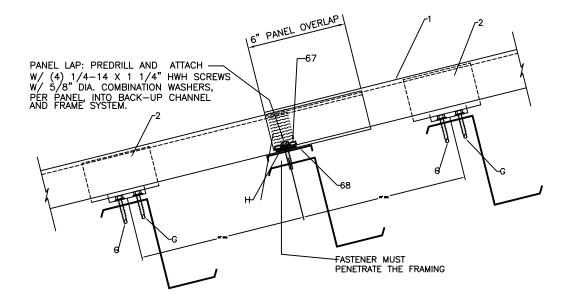




Rev. No.

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

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:

As Supplied By Others:

A - 30\(4\) (Minimum) Felt with Rosin Paper

A1 - 40 MIL Ice & Water Shield

B - Top of Roof Deck or Insulation

C - Structurals

D - Trim Boards

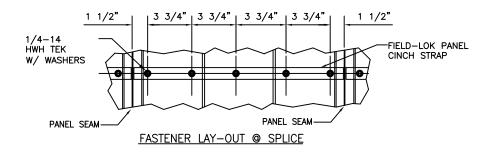
E - \(\frac{4}{12} \times x \) 12 x 1" Wafer Head Screws

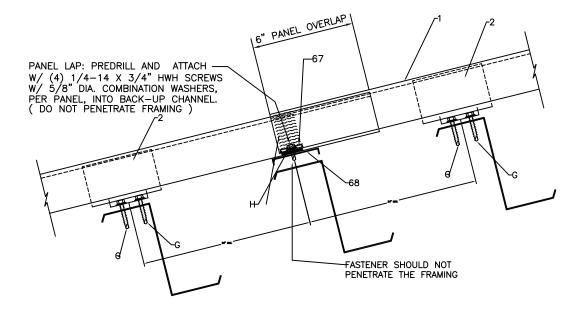
F - Fascia Trim (May be fabricated/supplied by ATAS upon request).

G - Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

Plywood
Butyl Tape Sealant
Eave Plate

			ATAS INTERNATIONAL, INC. Alentown PA 610-395-8445 Mesa AZ 480-558-7210										
			TITLE FLS Panel Splice (Fixed)										
			DWG NO. / FILE NO.		FLS Pa	nel Splice (F	lxed)		SCALE	3"=1'-0"			
Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06			
6-1-06	DAS	FLS Panel Splice (Fixed)	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY			





Field Lock Panel Splice Detail (Floating)

Legend

As Supplied By ATAS: 1 - ATAS FLS Panel

2 - Anchor Clips 3 - Optional Metal Seam End Plugs

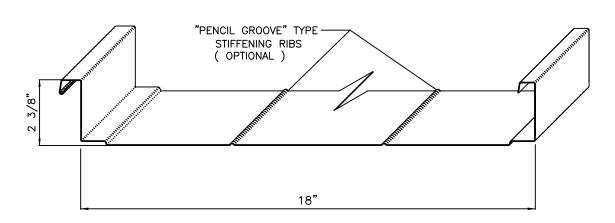
67 - Cinch Strap 68 - Backup Channel

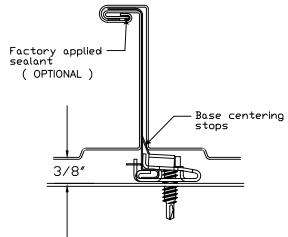
As Supplied By Others:

A - 30# (Minimum) Felt with Rosin Paper A1 - 40 MIL Ice & Water Shield B - Top of Roof Deck or Insulation C - Structurals

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

			(),								
					P	TAS		NTERNA Allentow 610-395 Mesa 480-558	n PA -8445 AZ	INC.	
				TITLE		FL	.S Panel S	plice (Floatin	g)	
				DWG NO. / FILE NO.		FLS Pan	el Splice (Fi	oating)		SCALE	3"=1'-0"
o.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
_	6-1-06	DAS	FLS Panel Splice (Floating)	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY
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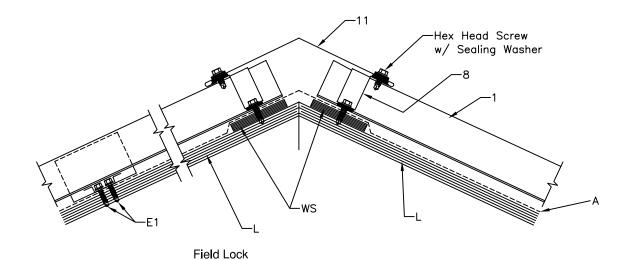


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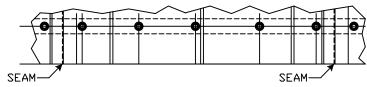
TITLE FLS Profile

				DWG NO. / FILE NO.	FLS Profile					SCALE	3"=1'-0"
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Profile	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	xxxx	APPR. DATE	MM/DD/YY



Scale: 3" = 1'-0"

Description of Revision



Ridge Detail (Fixed)

No.

0

6-1-06

DAS

TYPICAL FASTENER LAYOUT AT FIXED POINT 5 FASTENERS PER PANEL

FLS Ridge (Fixed) - ply

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

- Top of Roof Deck or Insulation

Structurals

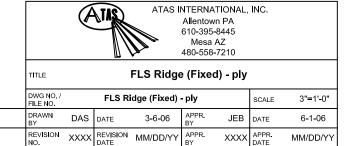
- Trim Boards

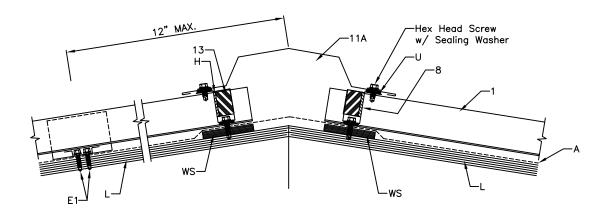
E - #12 x 1" Wafer Head Screws
E1 - #12 x 1-1/4" Hex Head Screws
F - Fascia Trim (May be fabricated/supplied by ATAS upon request).

Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

- Plywood

U - Butyl Tape Sealant V - Support Plate - 18 ga. WS - Wood Shim 3/8" or 1-3/8"





* VARIES WITH ROOF PITCH

LESS THAN 2:12.

NOTE: REQUIRES FIXED EAVE AND VALLEY.

NOTE: USE ON SLOPES

* - Indicates color side.

Field Lock

Ridge Detail (Floating)

Scale: 3" = 1'-0"



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FLS Ridge (Floating) - ply TITLE

			DWG NO. / FILE NO.				SCALE	3"=1'-0"		
Rev. No.	Revision Date	Drawn By	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY

Legend

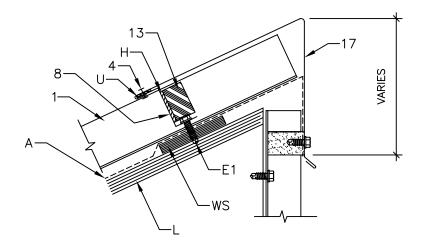
As Supplied By ATAS: 1 - ATAS FLS Panel

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

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"



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 Closure17 - 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

- #12 x 1" Wafer Head Screws

E1 - $\#12 \times 1-1/4$ " Hex Head Screws

- Fascia Trim (May be fabricated/supplied by ATAS upon request).

- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

Plywood

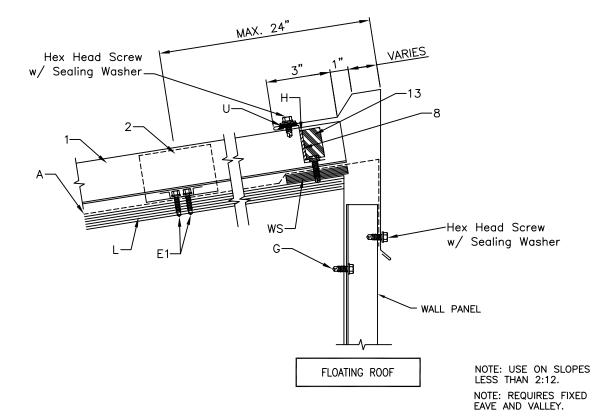
U - Butyl Tape Sealant V - Support Plate WS - Wood Shim 3/8" or 1-3/8"

* - Indicates color side.

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



				FILE NO.				OOMEL	0 1 0		
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Shed Ridge (Fixed) - ply	REVISION NO.		REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



Field Lock Shed Ridge Detail (Floating)

Scale: 3" = 1'-0"

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.)

Plywood

TITLE

U - Butyl Tape Sealant WS - 3/8" Wood Shim

* - Indicates color side.

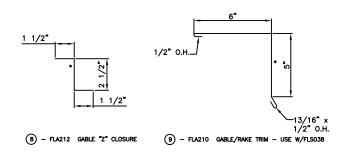


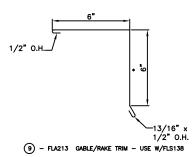
ATAS INTERNATIONAL, INC. Allentown PA 610-395-8445

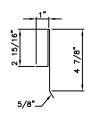
FLS Shed Ridge (Floating) - ply

Mesa AZ 480-558-7210

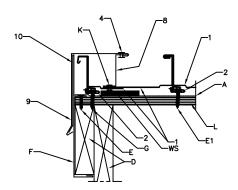
				DWG NO. / FLS Shed Ridge (Floating) - ply FILE NO.				SCALE	3"=1'-0"		
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS		REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



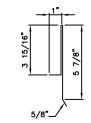




(10) - FLA211 GABLE/RAKE STARTER CLEAT -







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

Supplied by AlAS:

- ATAS FLS Panel

- Anchor Clips

- Painted Pop Rivets

- Standard "2" Closure

- Gable/ Rake Closure Trim

- Gable/ Rake Starter Cleat

10 - Goble/ Rake Storter Cleat

As Supplied By Others:
A - 30gf (Minimum) Felt with Rosin Paper
A1 - 40 MIL loe & Water Shield
B - Top of Roof Deck or Insulation
C - Structurals
C - Time Bode
C - Time T Worfer Head Screws
E1 - \$\frac{1}{2} \text{ X 1 - 1/4}^2\text{ Hex Head Screws}
E1 - \$\frac{1}{2} \text{ X 1 - 1/4}^2\text{ Hex Head Screws}
E7 - Facial 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"

TITLE

* - Indicates color side.



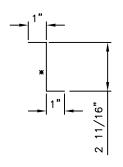
ATAS INTERNATIONAL, INC.

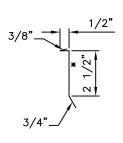
Allentown PA 610-395-8445 Mesa AZ 480-558-7210

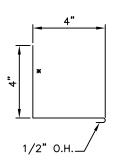
DWG NO. / FILE NO.		FLS Sta	arting Gable	- ply		SCALE	3"=1'-0"
DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
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FLS Starting Gable - ply

				FILE NO.		1 13 31	arting Gable	- pry		SCALE	3 – 1 – 0
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS	FLS Starting Gable - ply	REVISION NO.	xxxx	REVISION DATE	MM/DD/YY	APPR. BY	XXXX	APPR. DATE	MM/DD/YY



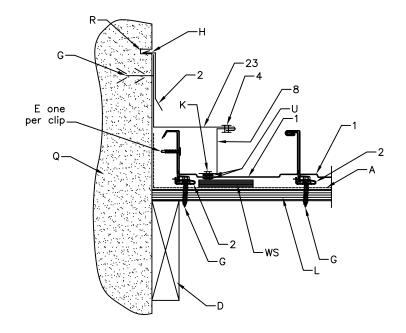




(8) - FLA212 "Z" CLOSURE

- FLA980 COUNTERFLASHING

- FLA410 SIDEWALL TRIM



Field Lock Seam Panel Starting Rake/Sidewall Detail plywood

DAS | FLS Starting Rake Sidewall -ply

Revision Date

6-1-06

Description of Revision

Legend

As Supplied By ATAS:

1 - FLSXXX Field Lock Seam Panel

- Anchor Clips - "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

- Structurals

D - Trim Boards

E - #12 x 1" Wafer Head Screws E1 - #12 x 1-1/4" Hex Head Screws

- Appropriate anchor screws sufficiently long enough to fully penetrate the solid substrate (Some types/styles available from ATAS.)

- Appropriate Type Sealant

- Painted Pop-Rivets

- Plain Pop-Rivets - Not to penetrate the substrate.

- Plywood

- Wall Panel System

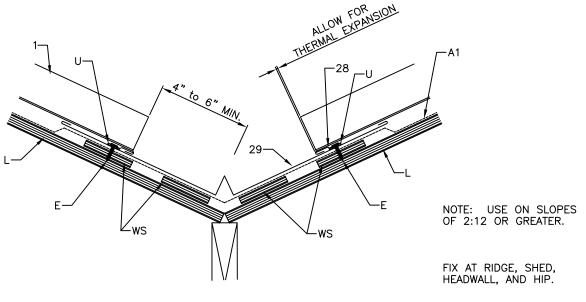
- Masonry Walls

- Reglets

U - Butyl Tape Sealant

WS - Wood Shim 3/8" or 1-3/8"





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

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:

As a supplied by Otherwise Supplied With Rosin Paper
A1 - 40 MIL Ice & Water Shield
B - Top of Roof Deck or Insulation
C - Structurals

Structurals
 Trim Boards
 #12 x 1" Wafer Head Screws
 Fascia Trim (May be fabricated/supplied by ATAS upon request).
 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.



ATAS INTERNATIONAL, INC.

Allentown PA 610-395-8445 Mesa AZ

480-558-7210

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FLS Valley (Floating) - ply

				FILE NO. FLS Valley (Floating) - ply				SCALE	3"=1'-0"		
Rev. No.	Revision Date	Drawn By	Description of Revision	DRAWN BY	DAS	DATE	3-6-06	APPR. BY	JEB	DATE	6-1-06
0	6-1-06	DAS		REVISION NO.	XXXX	REVISION DATE	MM/DD/YY	APPR. BY	xxxx	APPR. DATE	MM/DD/YY