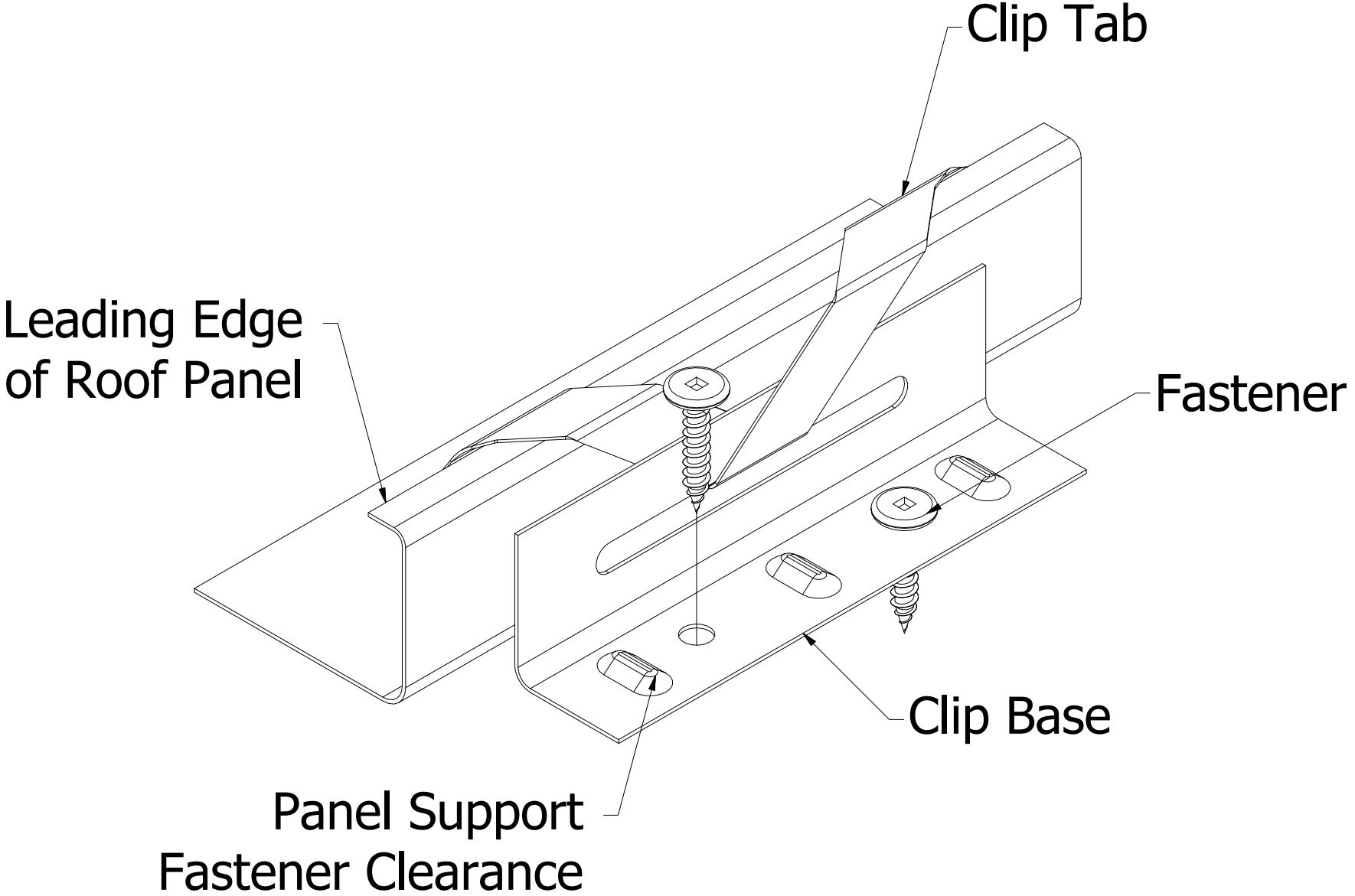


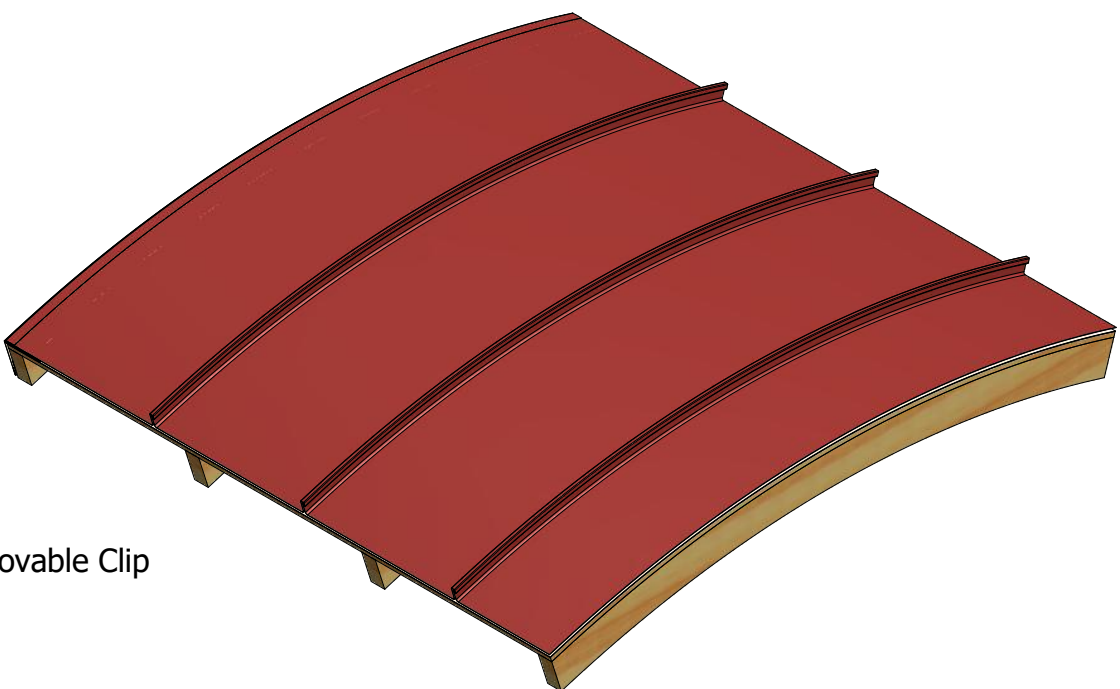
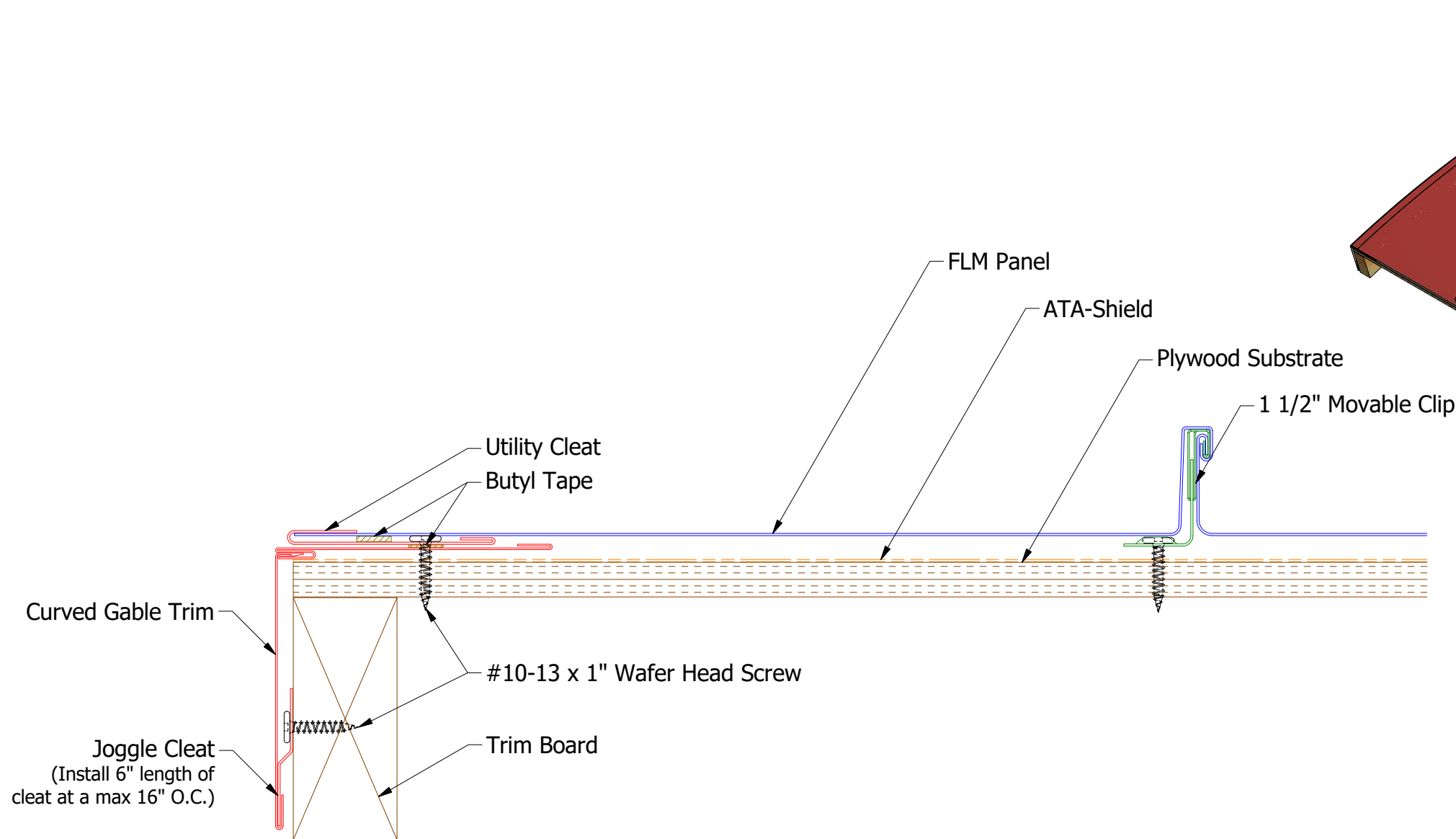




ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

TITLE			
FLM Clip			
DWG. NO.		DR	DATE
		DMR	9/9/2016
APP		DATE	
MATERIAL		SH. SIZE	SCALE
		B	X:X

REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP



Curved Gable Trim

Joggle Cleat
(Install 6" length of
cleat at a max 16" O.C.)

Trim Board

#10-13 x 1" Wafer Head Screw

Utility Cleat

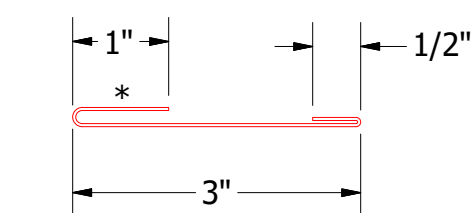
Butyl Tape

FLM Panel

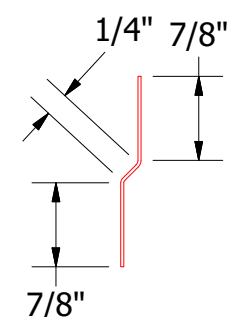
ATA-Shield

Plywood Substrate

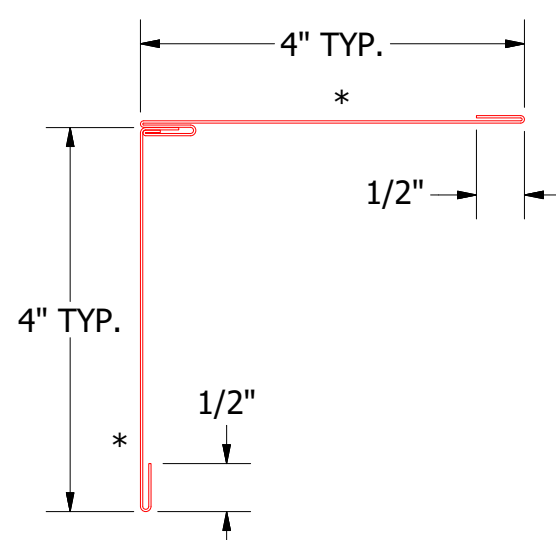
1 1/2" Movable Clip



FLA962-Utility Cleat



FLA975-Joggle Cleat

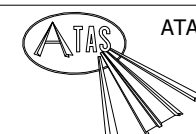
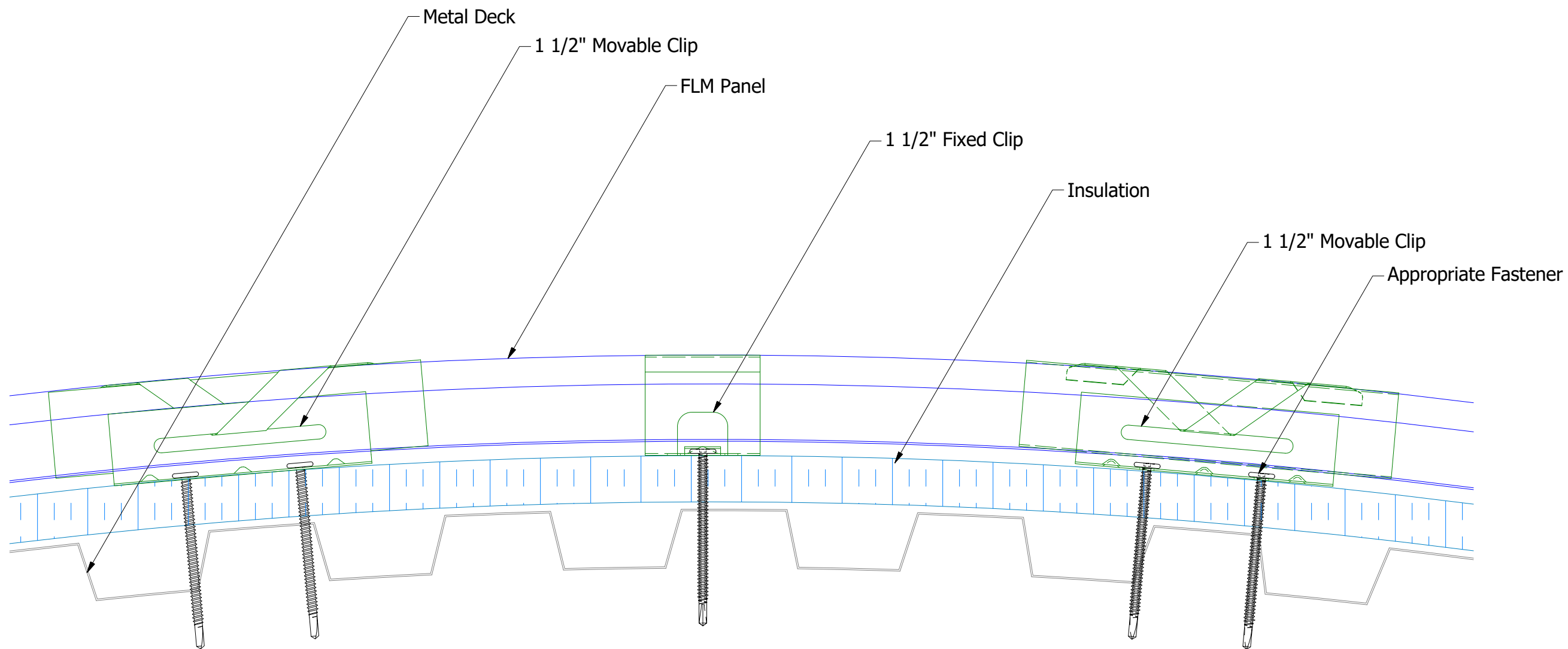


SFC999-Curved Gable Trim

Note: * denotes color side.

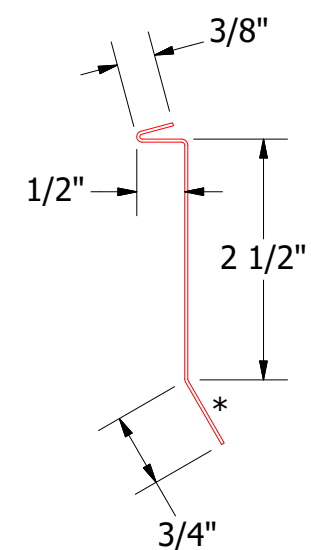
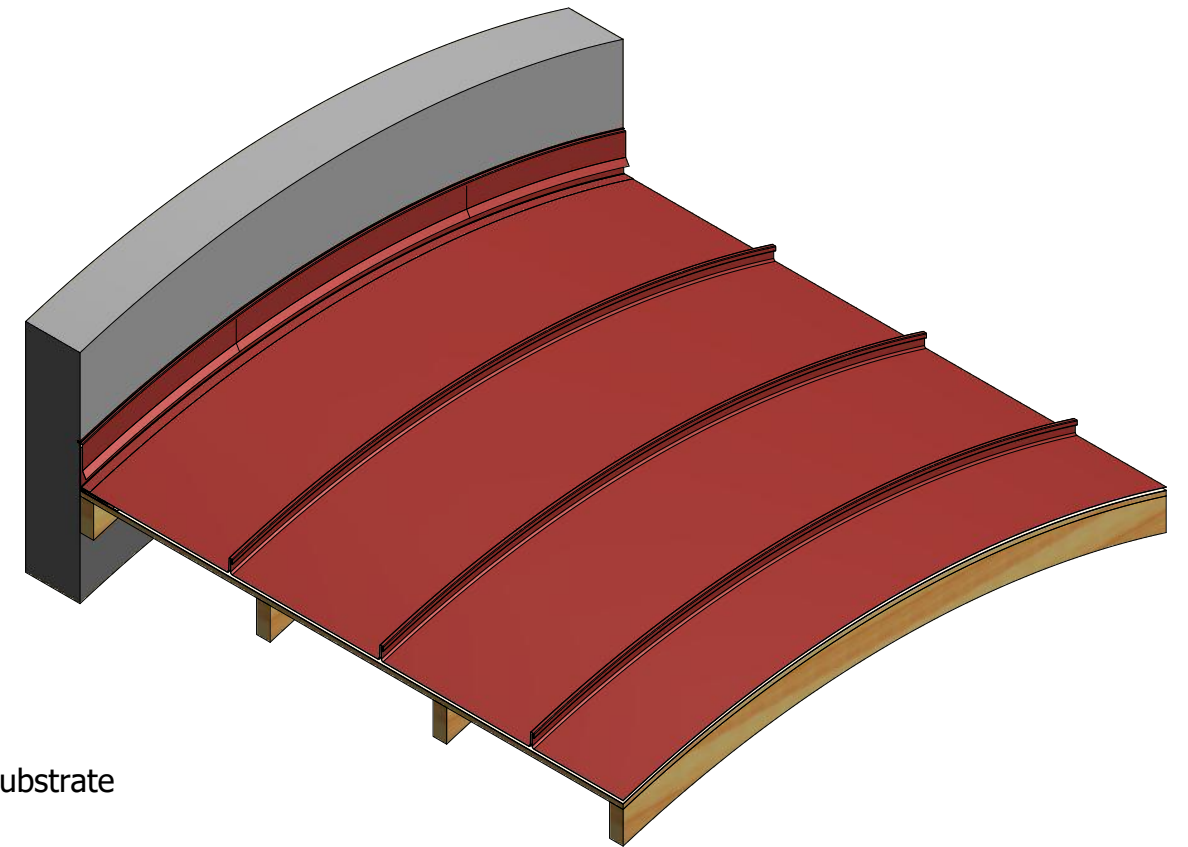
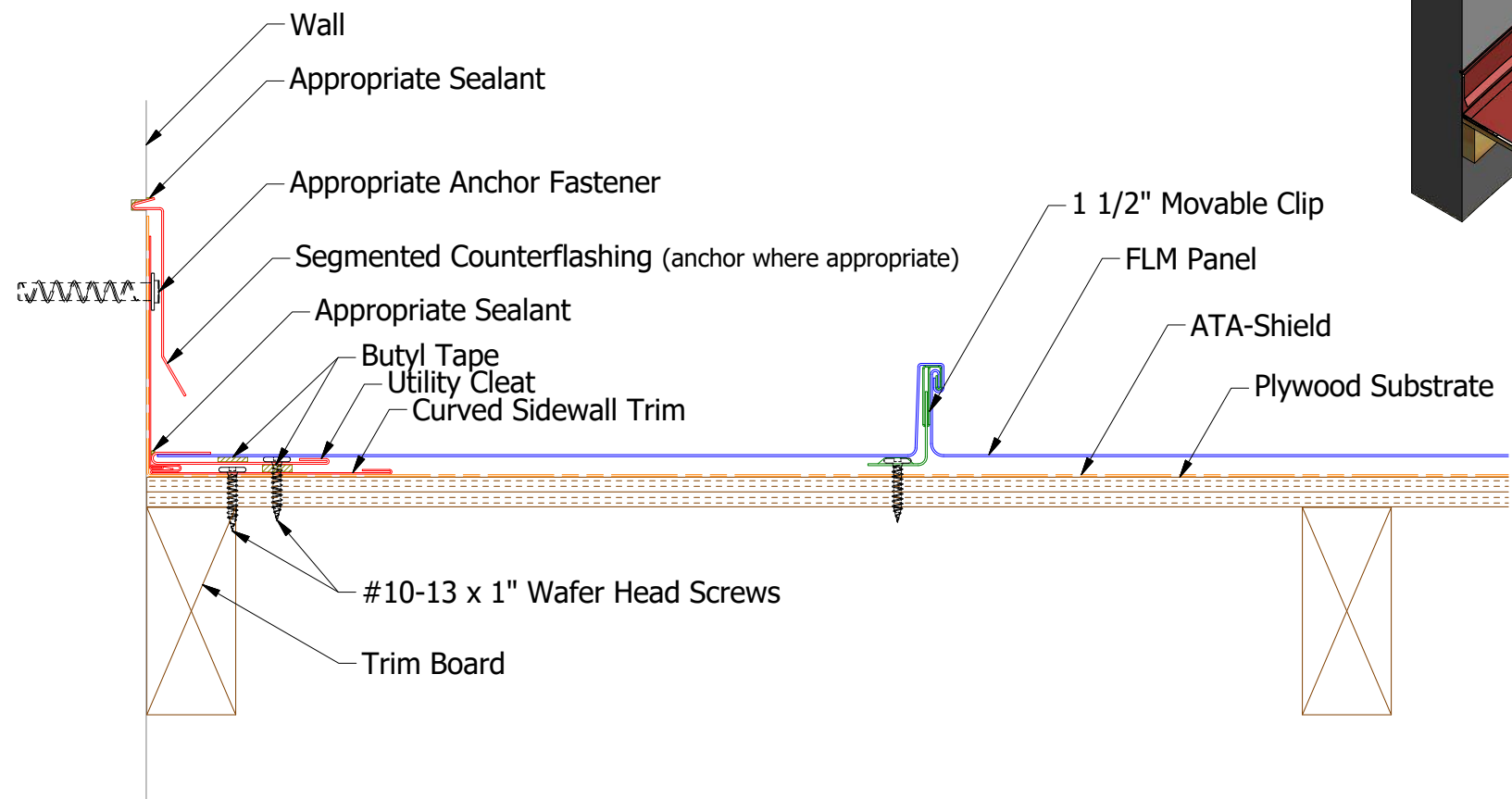
REV. NO.		DATE	DESCRIPTION OF REVISION		BY	APP	TITLE		DR	DATE
1		5/30/2019	Updated Clip Information		AJZ	KRK	FLM Curved Gable Detail		KRK	9/15/2014
							MATERIAL		APP	DATE
									SH. SIZE	SCALE
									B	X:X

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

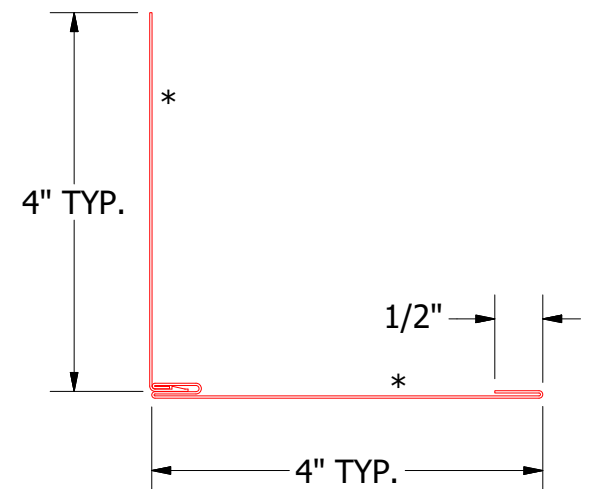


ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

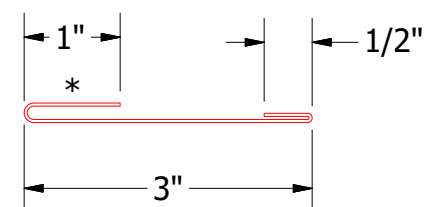
TITLE			FLM Curved Panel Open Framing		
DWG. NO.		DR MBP		DATE 7/19/2019	
MATERIAL		APP		DATE	
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE B SCALE X:X



FLA980-Counterflashing



SFC999-Curved Sidewall Trim

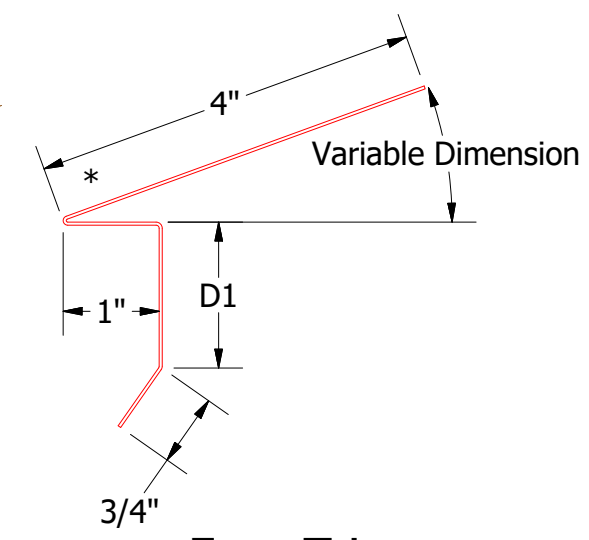
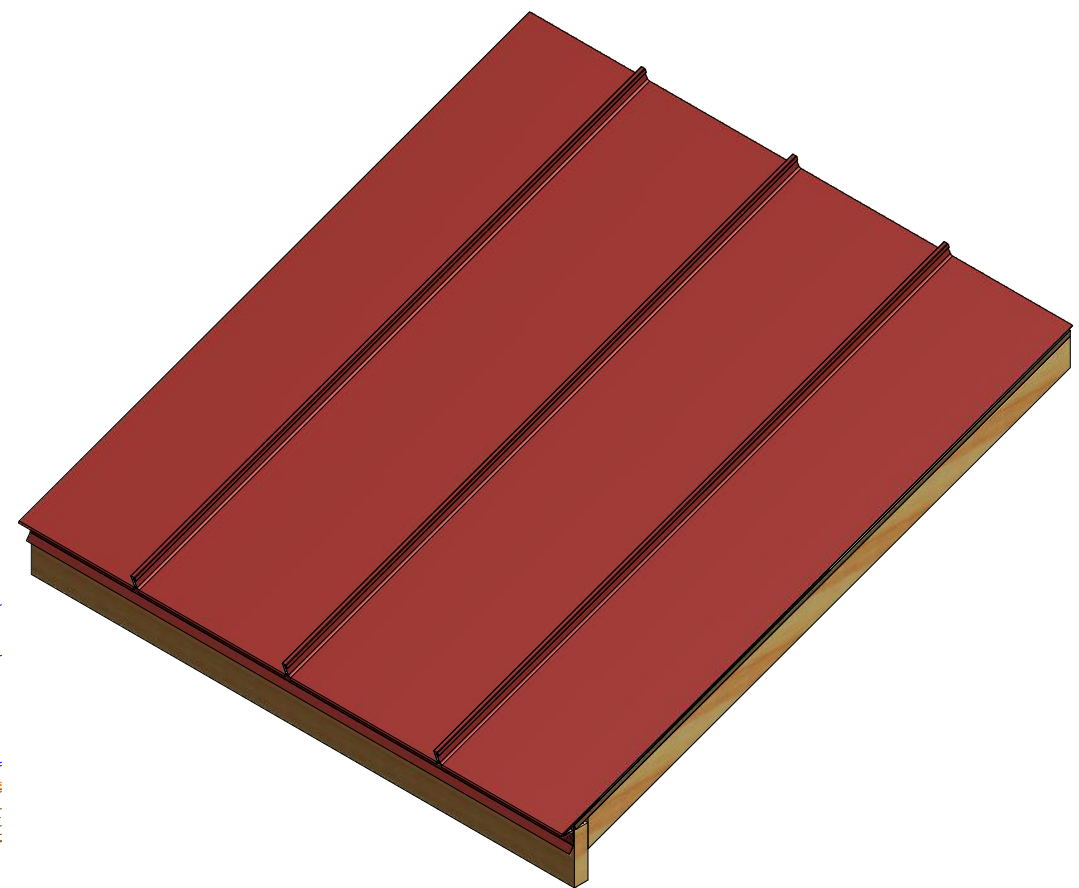
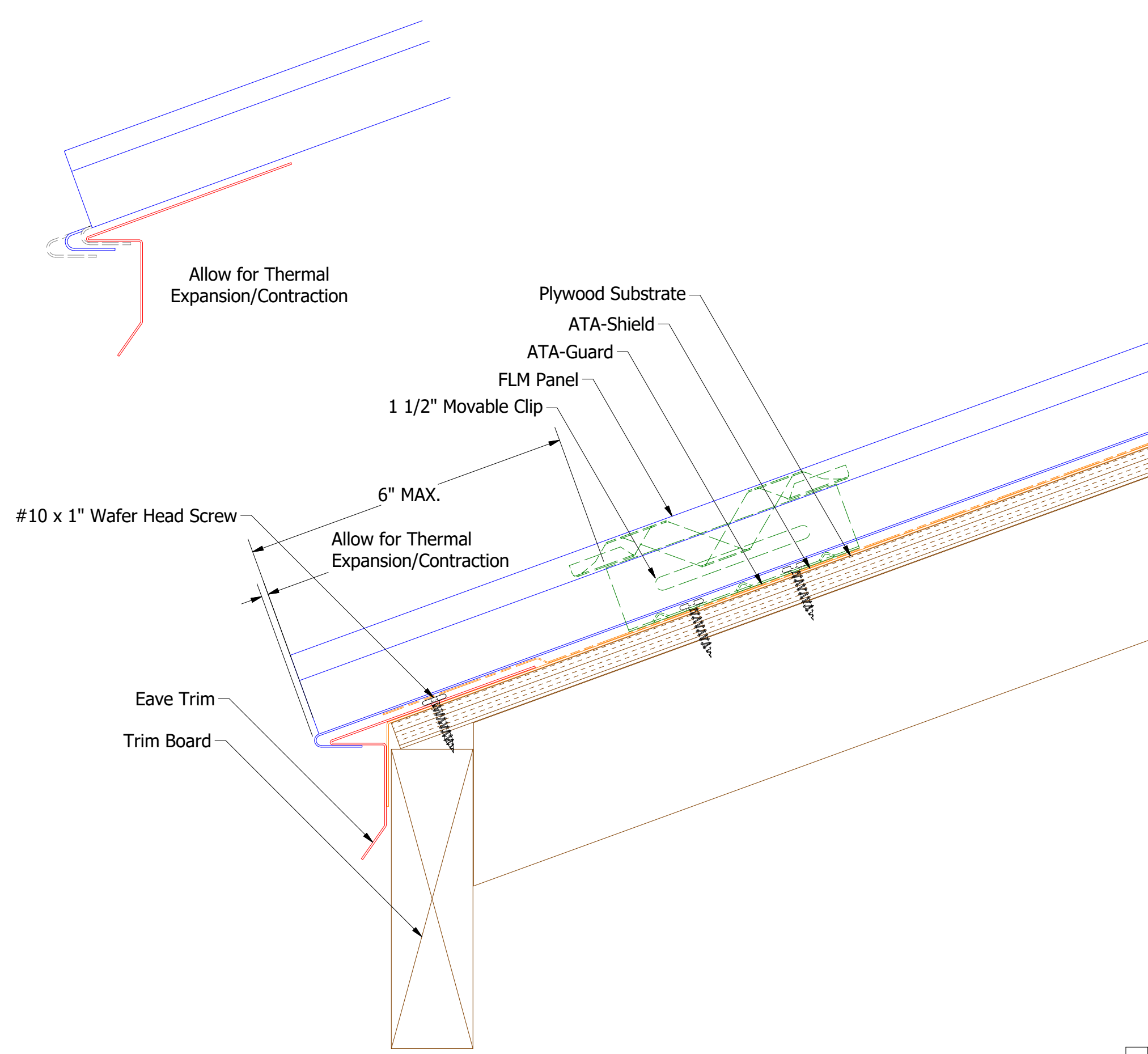


FLA962-Utility Cleat

Note: * denotes color side.

		ATAS INTERNATIONAL, INC Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE FLM Curved Sidewall Detail			
DWG. NO.		DR KRK	DATE 9/15/2014
REV. NO.		APP	DATE
DATE		SH. SIZE B	SCALE X:X

REV. NO. 1		DATE 5/30/2019	DESCRIPTION OF REVISION Updated Clip Information	BY AJZ	APP KRK
----------------------	--	--------------------------	--	------------------	-------------------



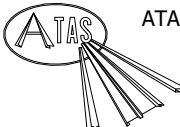
Eave Trim

- FLA111 - 2:12 to 4:12 Slope
D1=1"
- FLA112 - 4:12 to 8:12 Slope
D1 = 1 1/2"
- FLA113 - 8:12 to 12:12 Slope
D1 = 2"

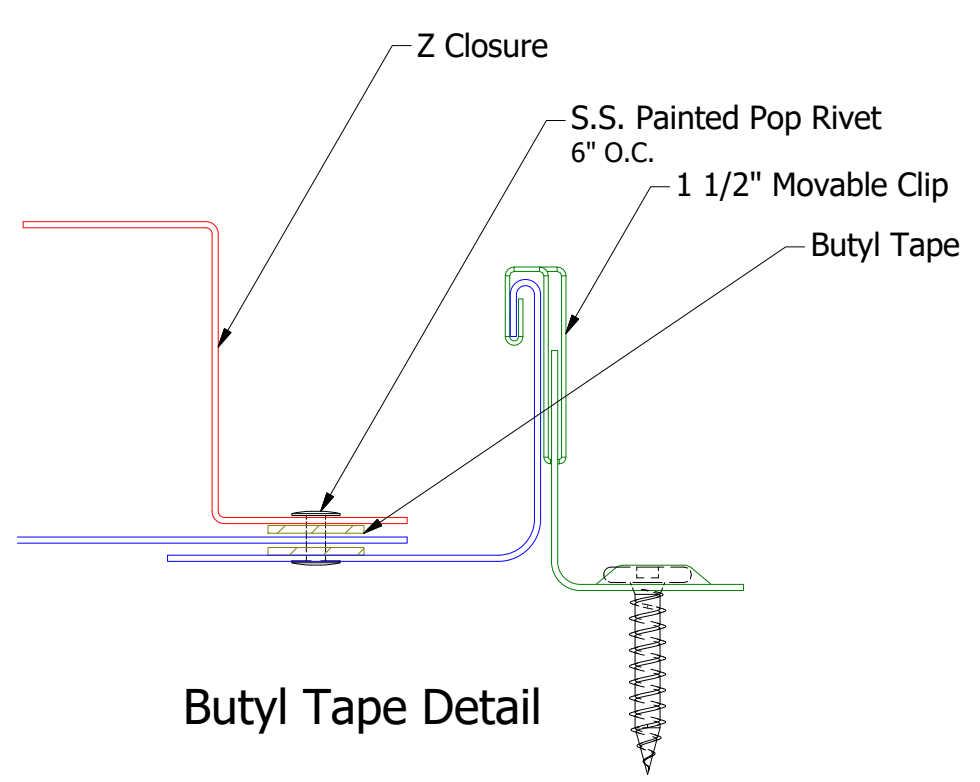
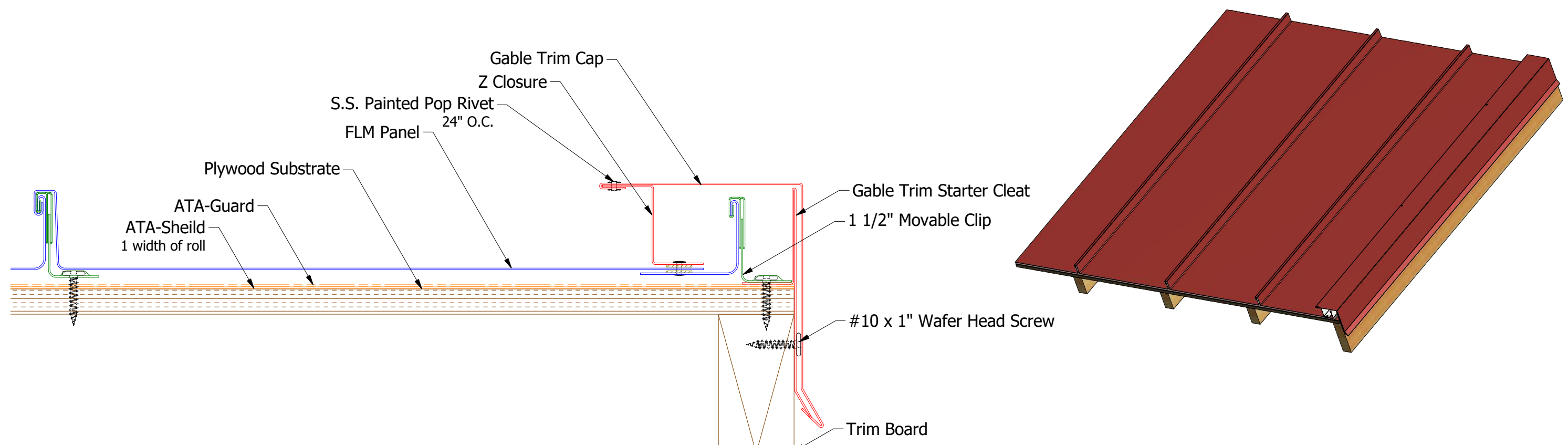
Note: * denotes color side.

REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE		SCALE	X:X	
2	5/30/2019		Updated Clip Information	AJZ	KRK					
1	6/20/18		Updated Substrate	MBP						

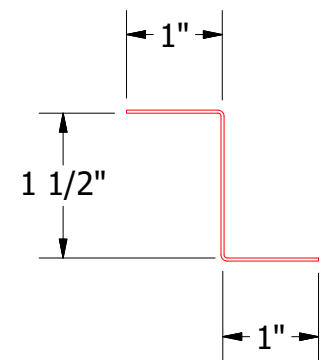
TITLE			FLM Eave Detail		
DWG. NO.			DR	KRK	DATE 9/9/2014
MATERIAL			APP		DATE
			SH. SIZE	B	SCALE



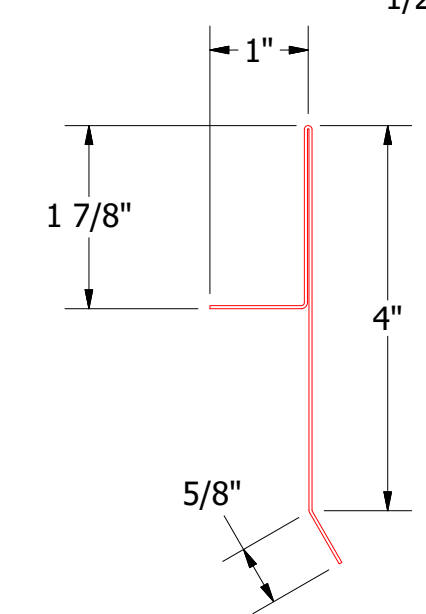
ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210



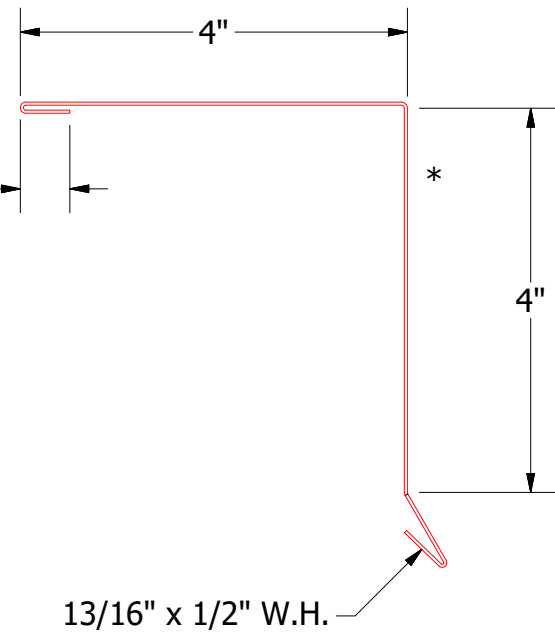
Butyl Tape Detail



FLA916-Z Closure



FLA217-Gable Trim Starter Cleat



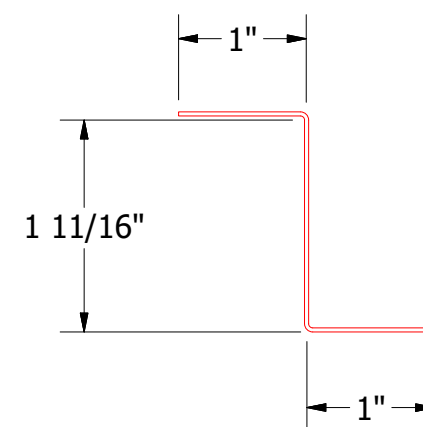
FLA218-Gable Trim Cap

Note: * denotes color side.

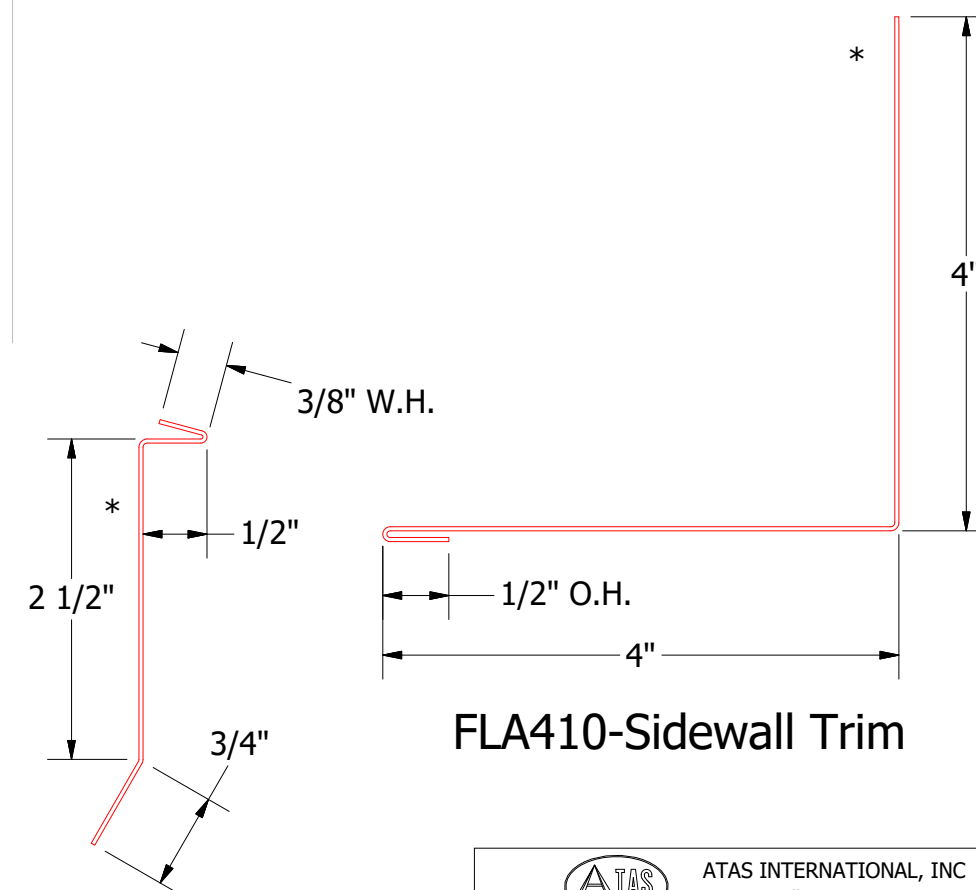
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		DR	DATE
2	5/30/2019		Updated Clip Information	AJZ	KRK	FLM Ending Gable Detail		KRK	9/9/2014
1	6/20/18		Updated Substrate and Trims	MBP				APP	DATE
								SH. SIZE	SCALE
								B	X:X



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



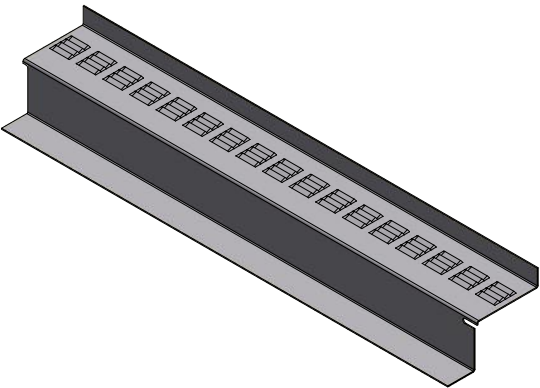
FLA916-Z Closure



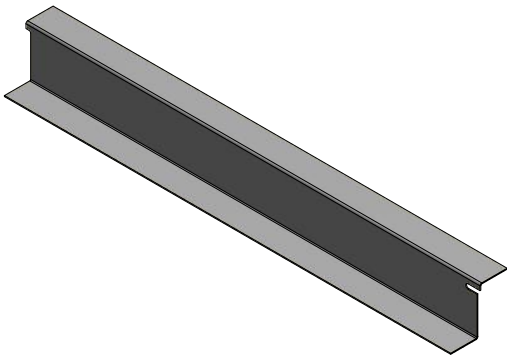
FLA410-Sidewall Trim

FLA980-Counterflashing

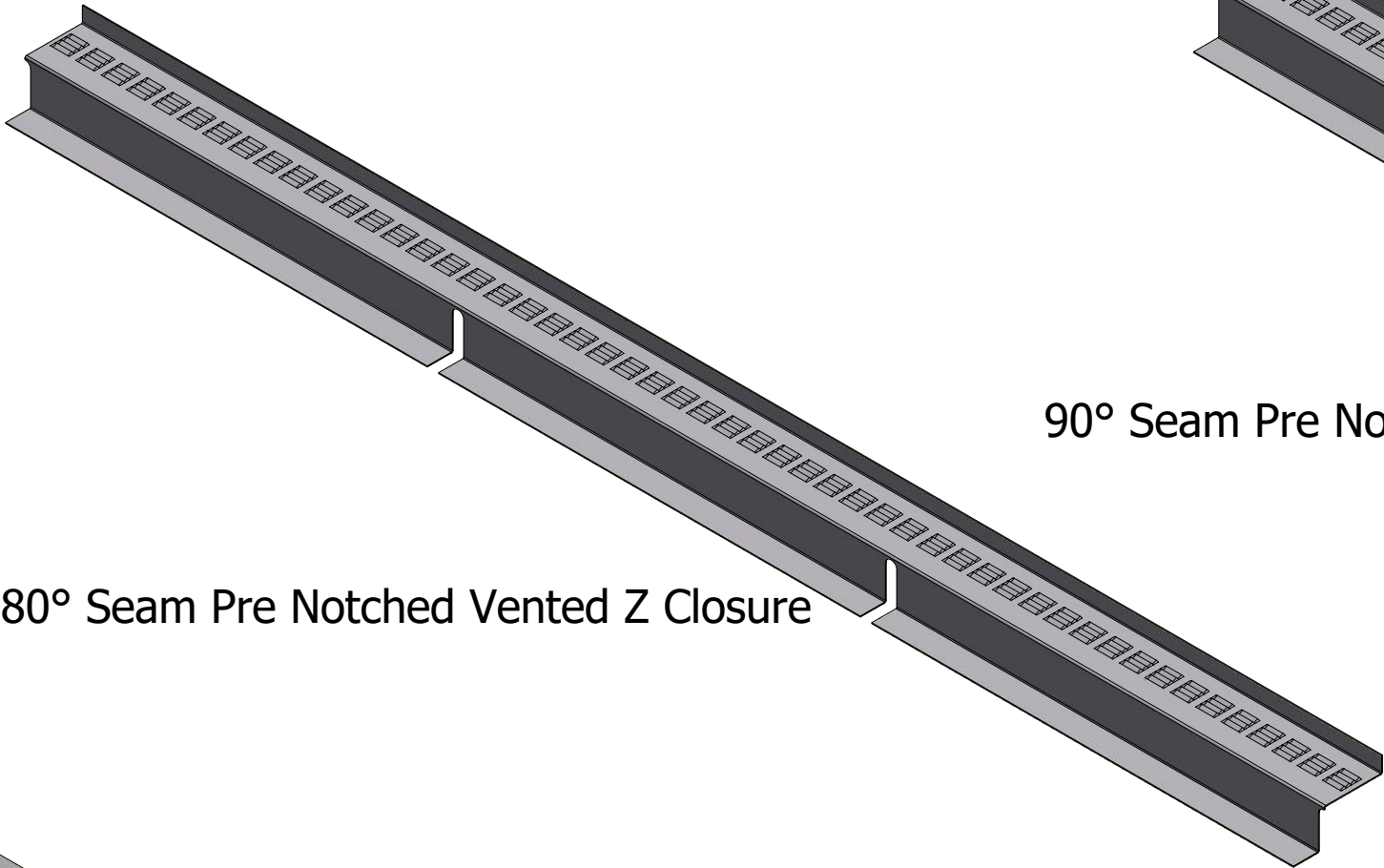
						TITLE								
						FLM Ending Sidewall Detail								
2	5/30/2019	Updated Clip Information				AJZ	KRK	DWG. NO.			DR	KRK	DATE	9/9/2014
1	6/19/20	Updated Substrate and Trims				MBP		MATERIAL			APP		DATE	
REV. NO.	DATE	DESCRIPTION OF REVISION				BY	APP				SH. SIZE	B	SCALE	X:X



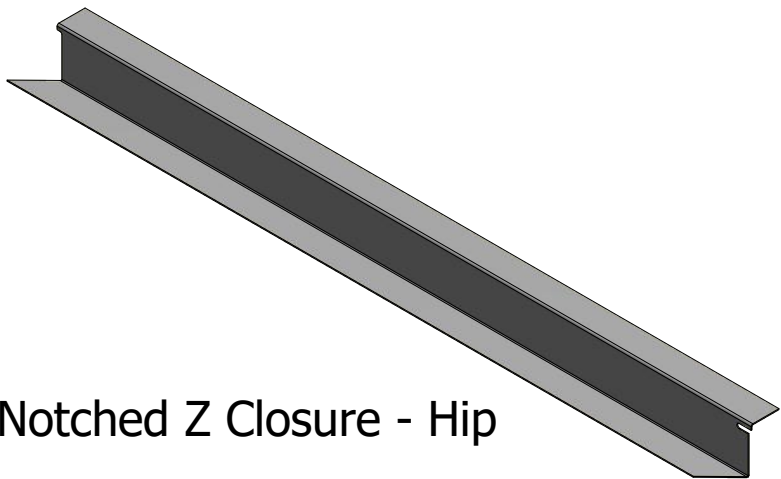
90° Seam Pre Notched Vented Z Closure



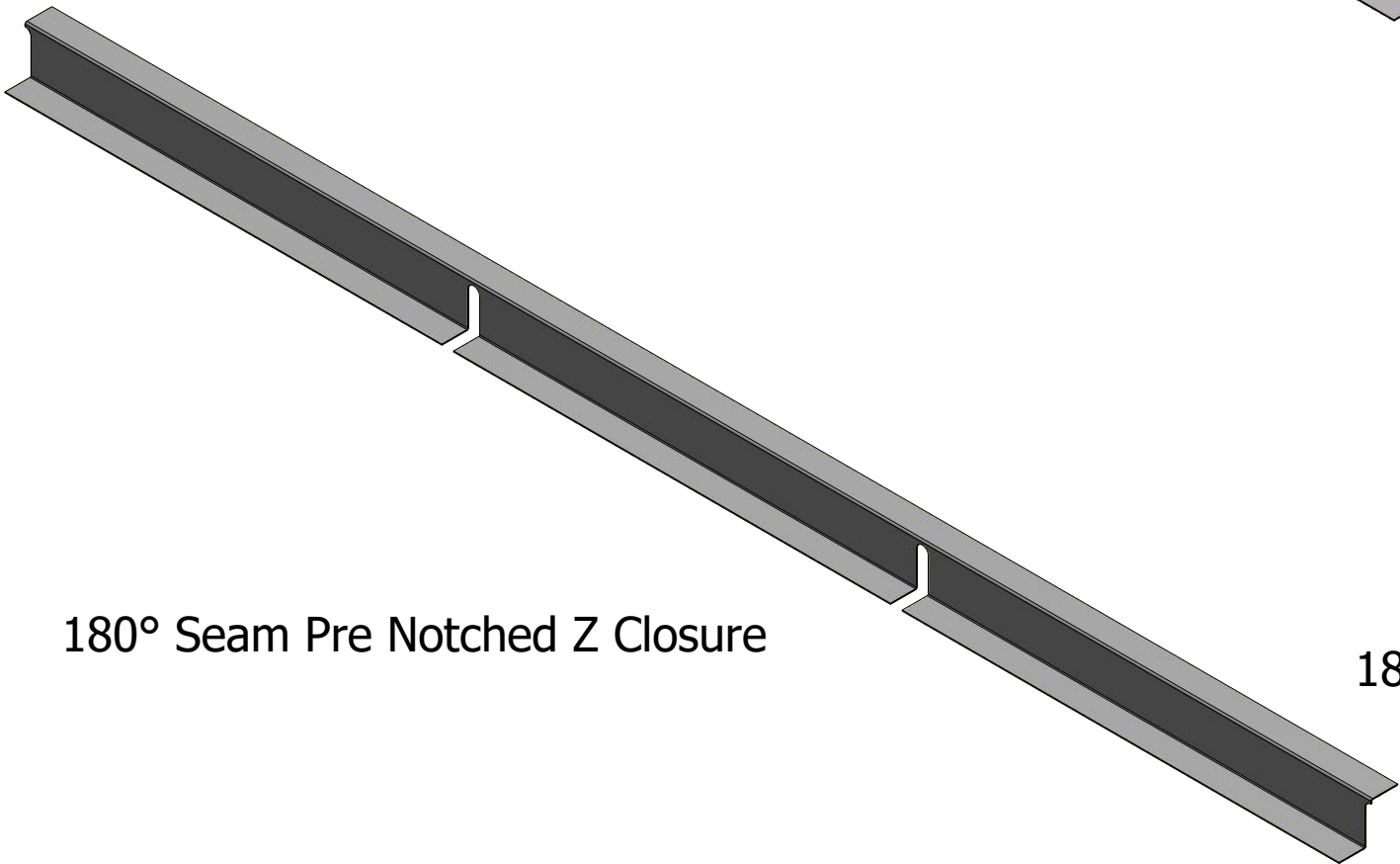
90° Seam Pre Notched Z Closure



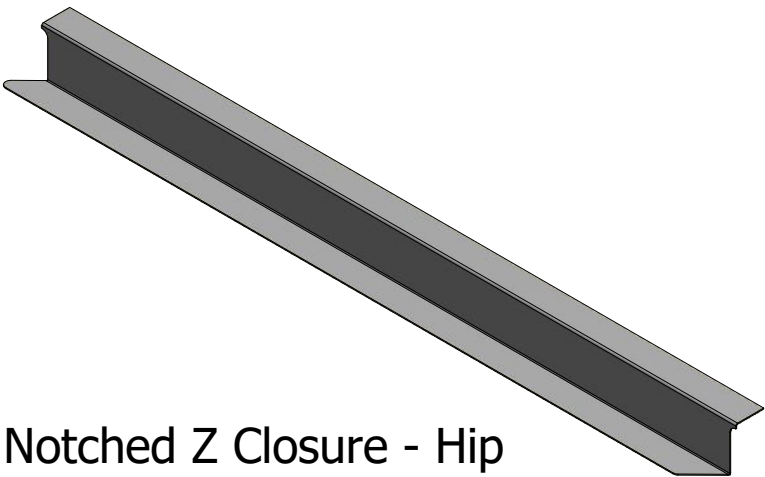
180° Seam Pre Notched Vented Z Closure



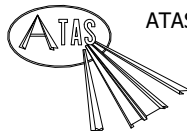
90° Seam Pre Notched Z Closure - Hip



180° Seam Pre Notched Z Closure

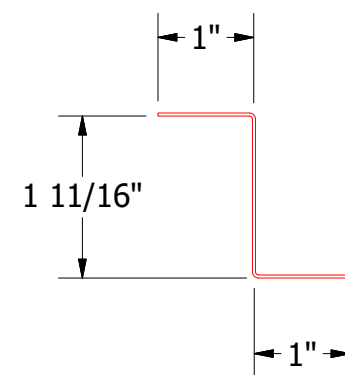
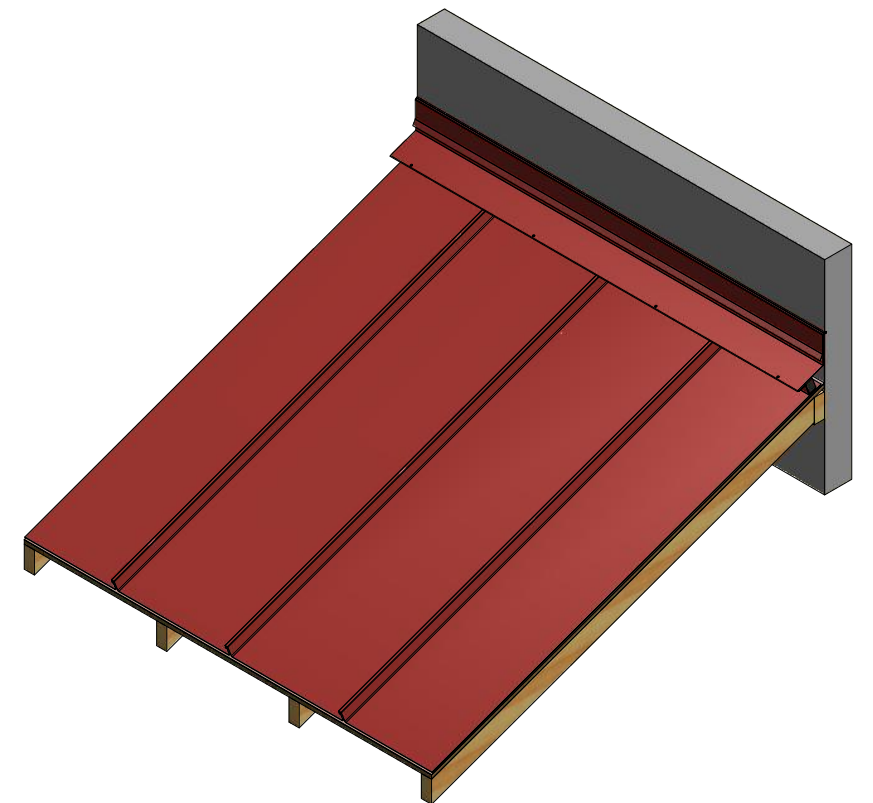
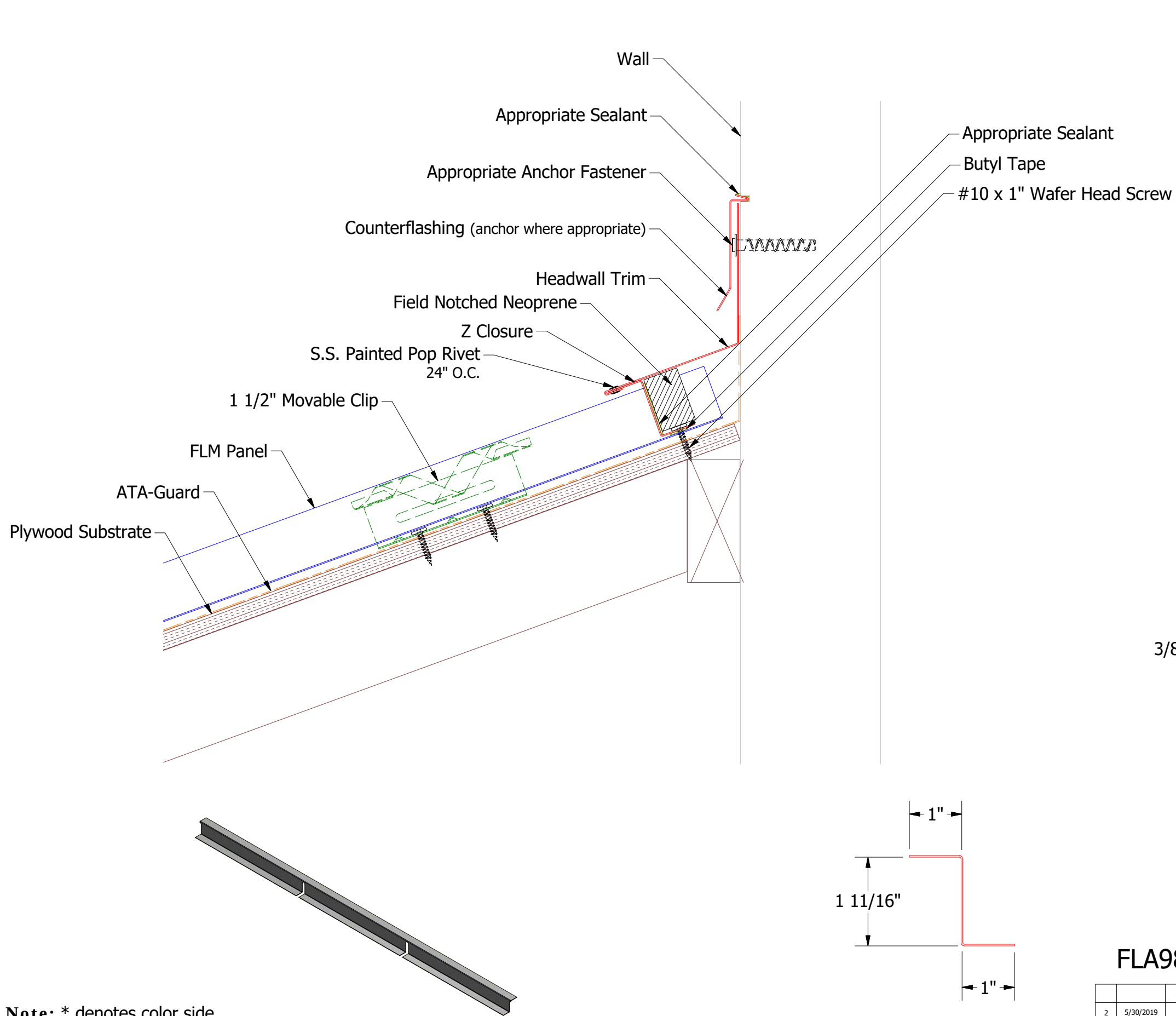


180° Seam Pre Notched Z Closure - Hip

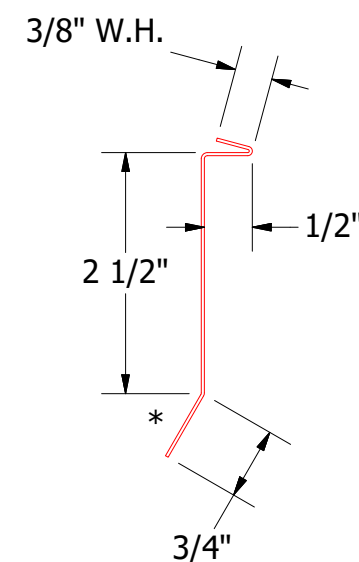


ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

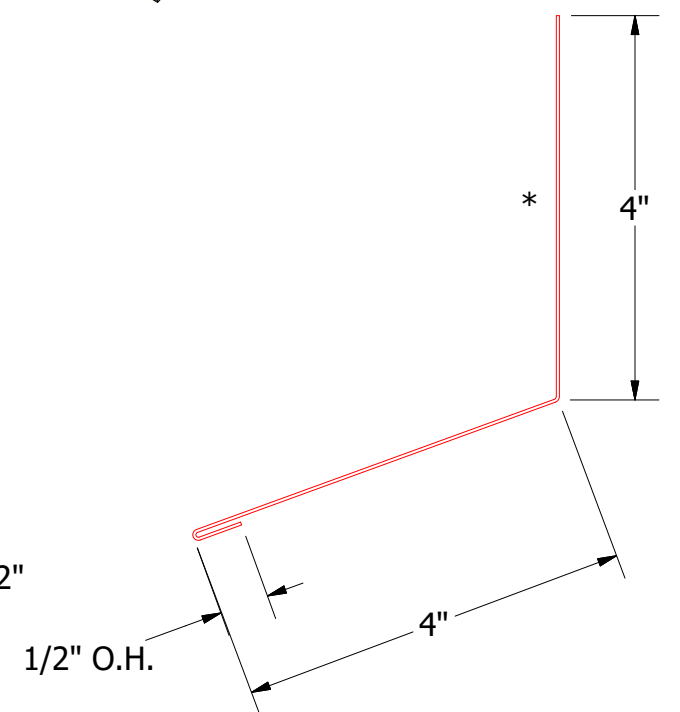
				TITLE	
				FLM Factory Pre Notched Z Closures Detail	
		DWG. NO.		DR KRK	DATE 9/15/2014
				APP	DATE
		MATERIAL		SH. SIZE B	SCALE X:X
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	



FLA916-Z Closure



FLA980-Counterflashing

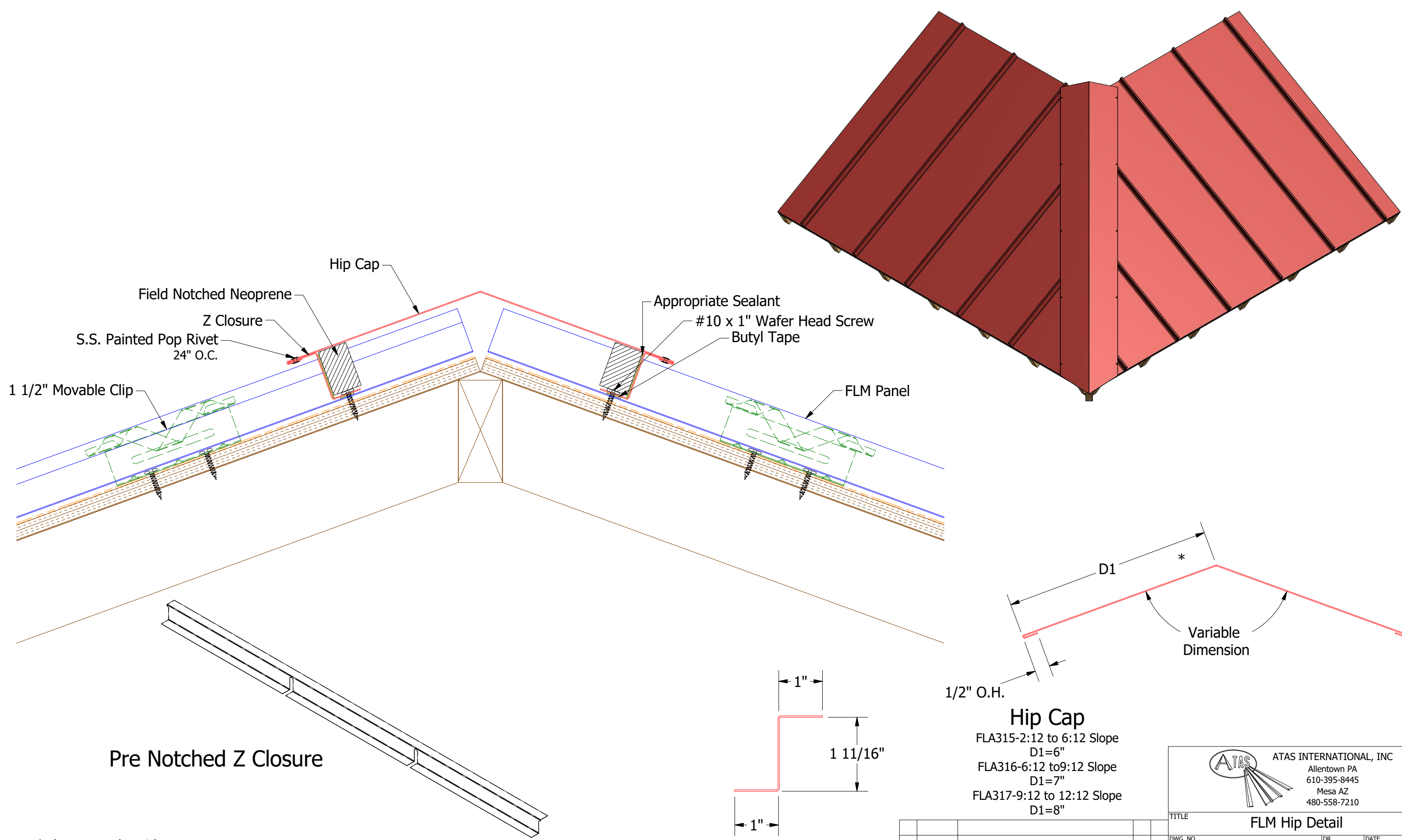


FLA500-Headwall Transition

Note: * denotes color side.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

		ATAS INTERNATIONAL, INC Allentown PA 610-395-8445 Mesa AZ 480-558-7210		TITLE FLM Headwall Detail	
		DWG. NO. DR KRK DATE 9/9/2014 APP KRK DATE MATERIAL SH. SIZE B SCALE X:X			
2	5/30/2019	Updated Clip Information	AJZ	KRK	
1	6/20/18	Updating models and dimensions	JC		
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	



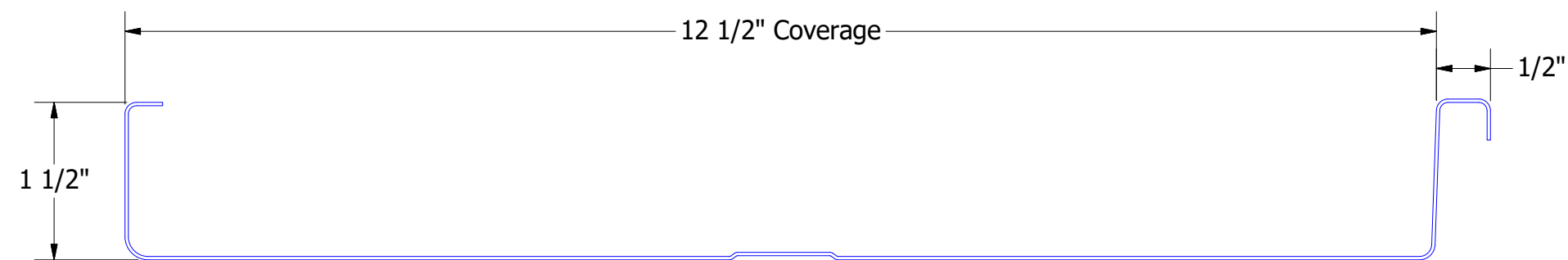
Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

REV. NO.		DATE	DESCRIPTION OF REVISION		BY	APP	TITLE		
2	5/30/2019		Updated Clip Information		AJZ	KRK	DWG. NO.		
1	6/20/18		Updated Titles		MBP		MATERIAL		
							SH. SIZE		
							SCALE		

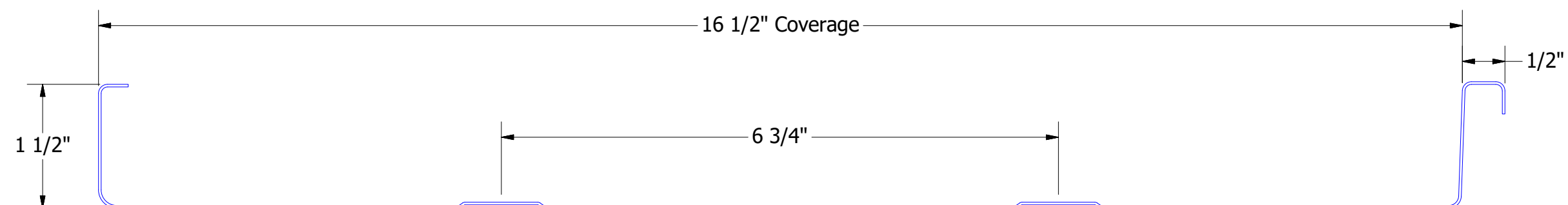


ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210

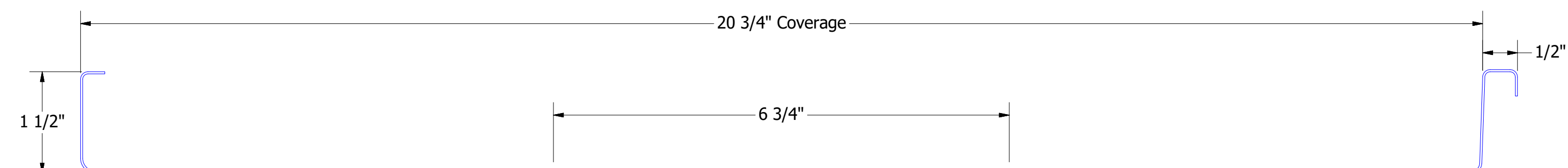
TITLE		
FLM Hip Detail		
DR	KRK	DATE 9/9/2014
APP		DATE
SH. SIZE	B	SCALE X:X



FLM125



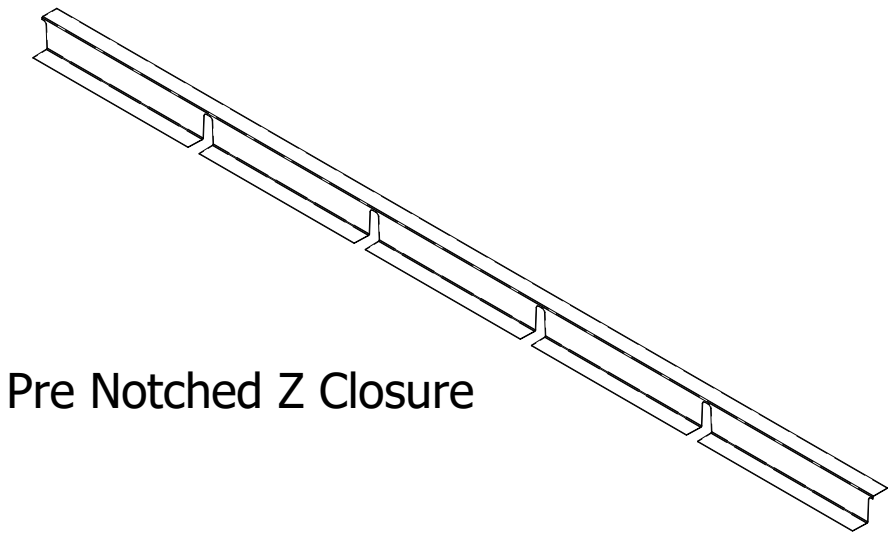
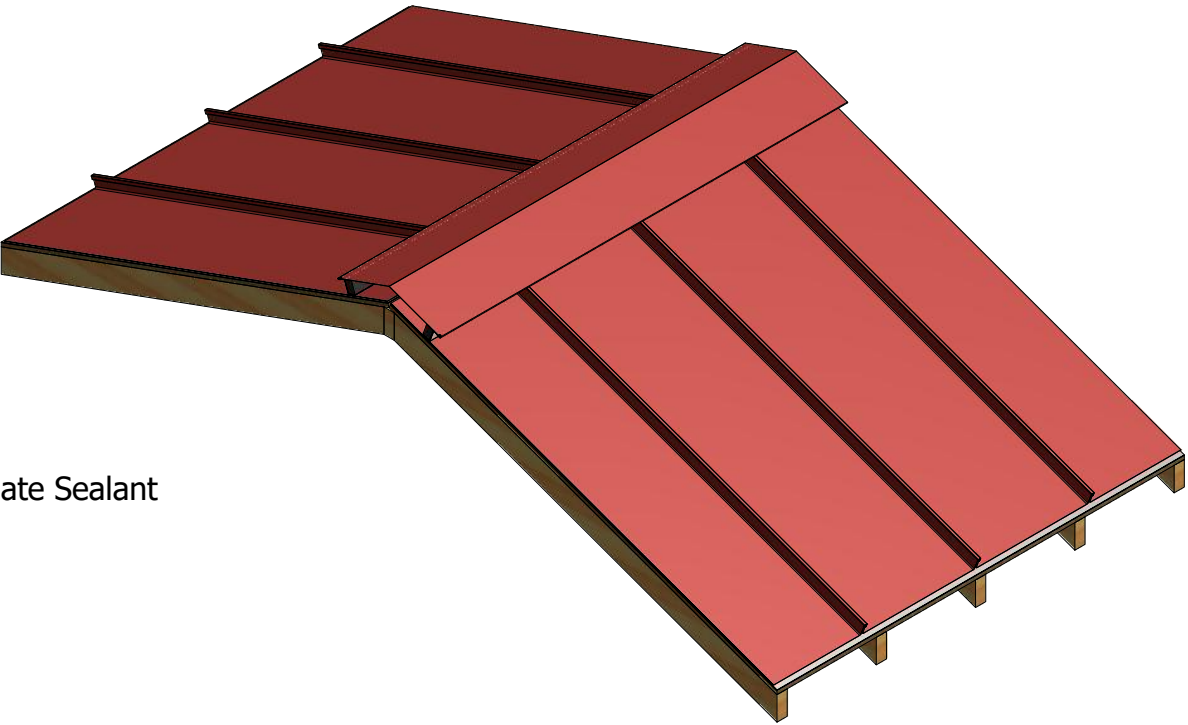
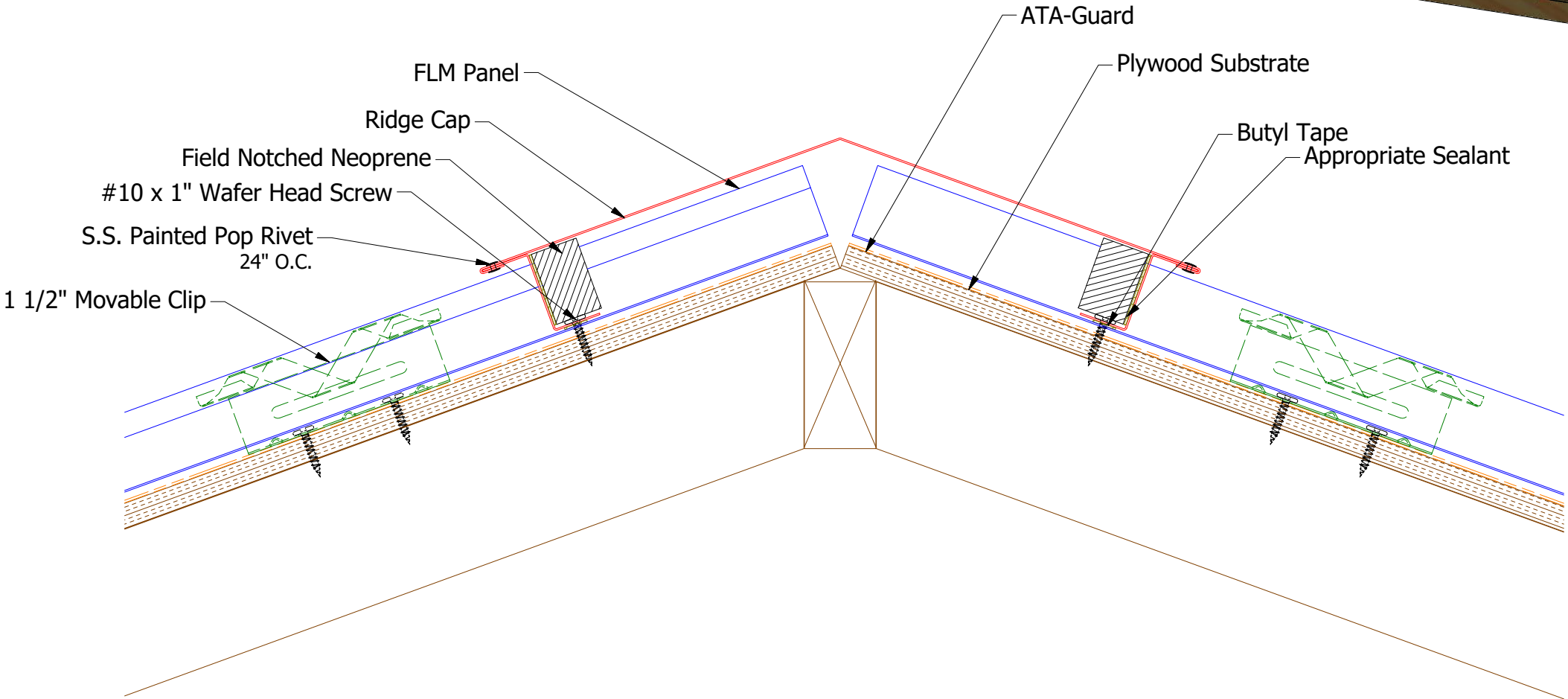
FLM165



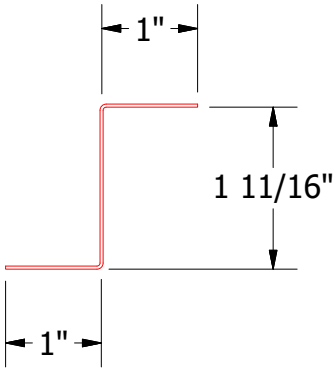
FLM207

Note: Plank Ribs Standard, Specify Without.

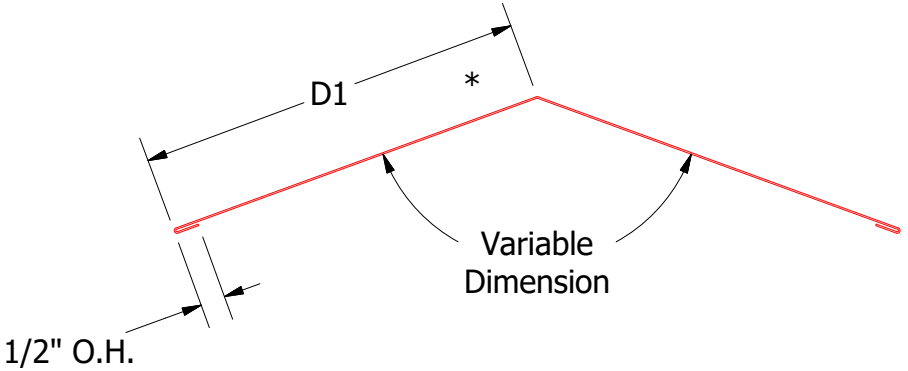
						ATAS INTERNATIONAL, INC Allentown PA 610-395-8445 Mesa AZ 480-558-7210			
						1.5inch Field-Lok Panel Profile Detail			
						DWG. NO.	DR KRK	DATE 12/15/2016	
						MATERIAL		APP	DATE
REV. NO.	DATE	DESCRIPTION OF REVISION		BY	APP	SH. SIZE B		SCALE X:X	



Pre Notched Z Closure



FLA916-Z Closure



Ridge Cap

FLA301-2:12 to 6:12 Slope
D1=7"

FLA302-6:12 to 9:12 Slope
D1=8"

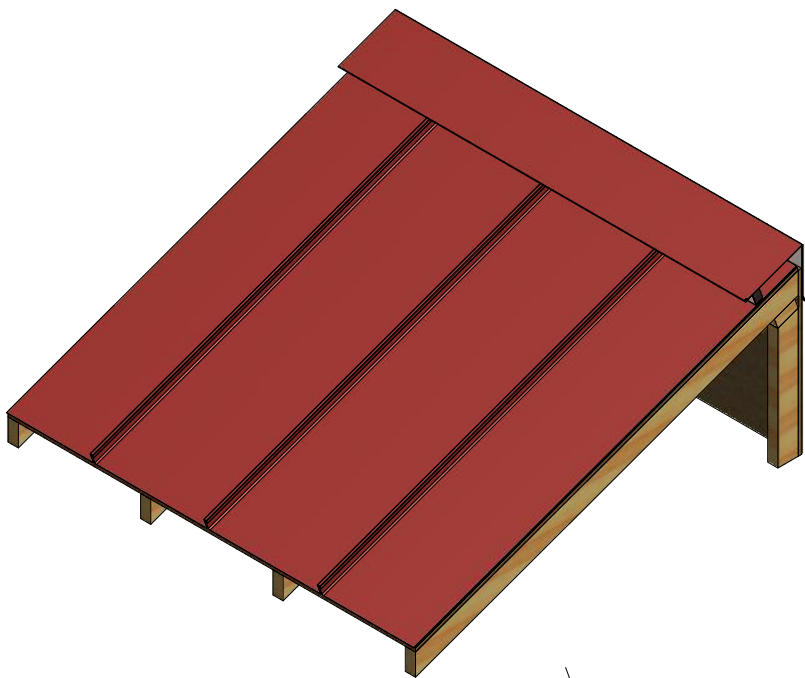
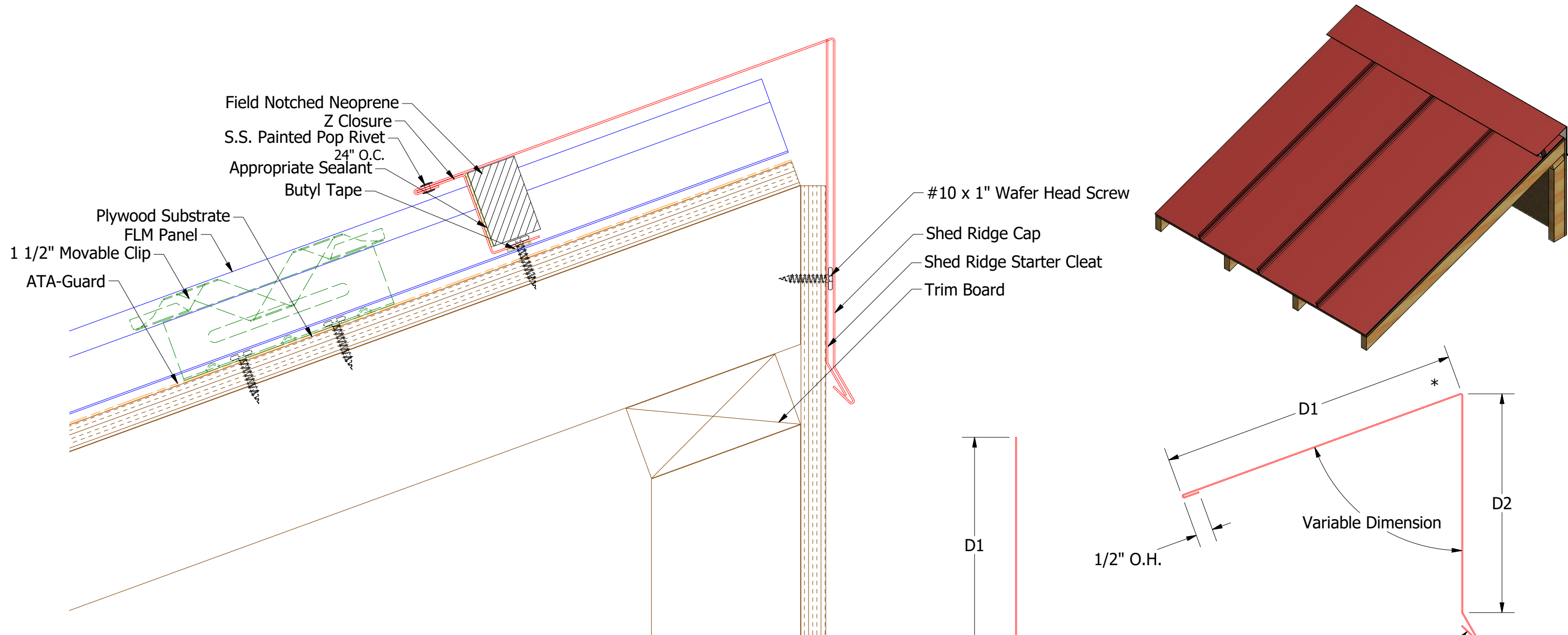
FLA303-9:12 to 12:12 Slope
D1=9"

Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

TITLE				FLM Ridge Detail			
2	5/30/2019	Updated Clip Information	AJZ	KRK	DWG. NO.	DR	KRK
1	6/20/18	Updated Substrate	MBP		APP	DATE	9/9/2014
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	SCALE
						B	X:X



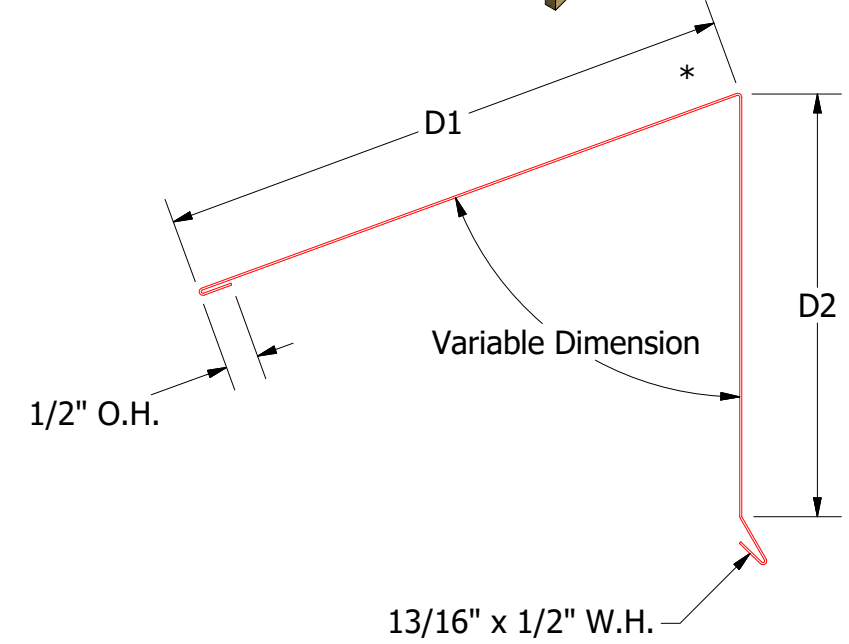
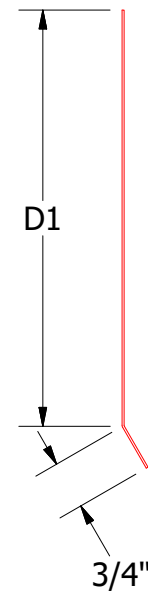
ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210



FLA916-Z Closure

FLA349-Shed Ridge Starter Cleat

2:12 to 6:12 Slope
D1=6.125"
6:12 to 9:12 Slope
D1=6.375"
9:12 to 12:12 Slope
D1=6.625"

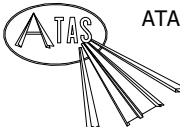


FLA346-Shed Ridge Cap

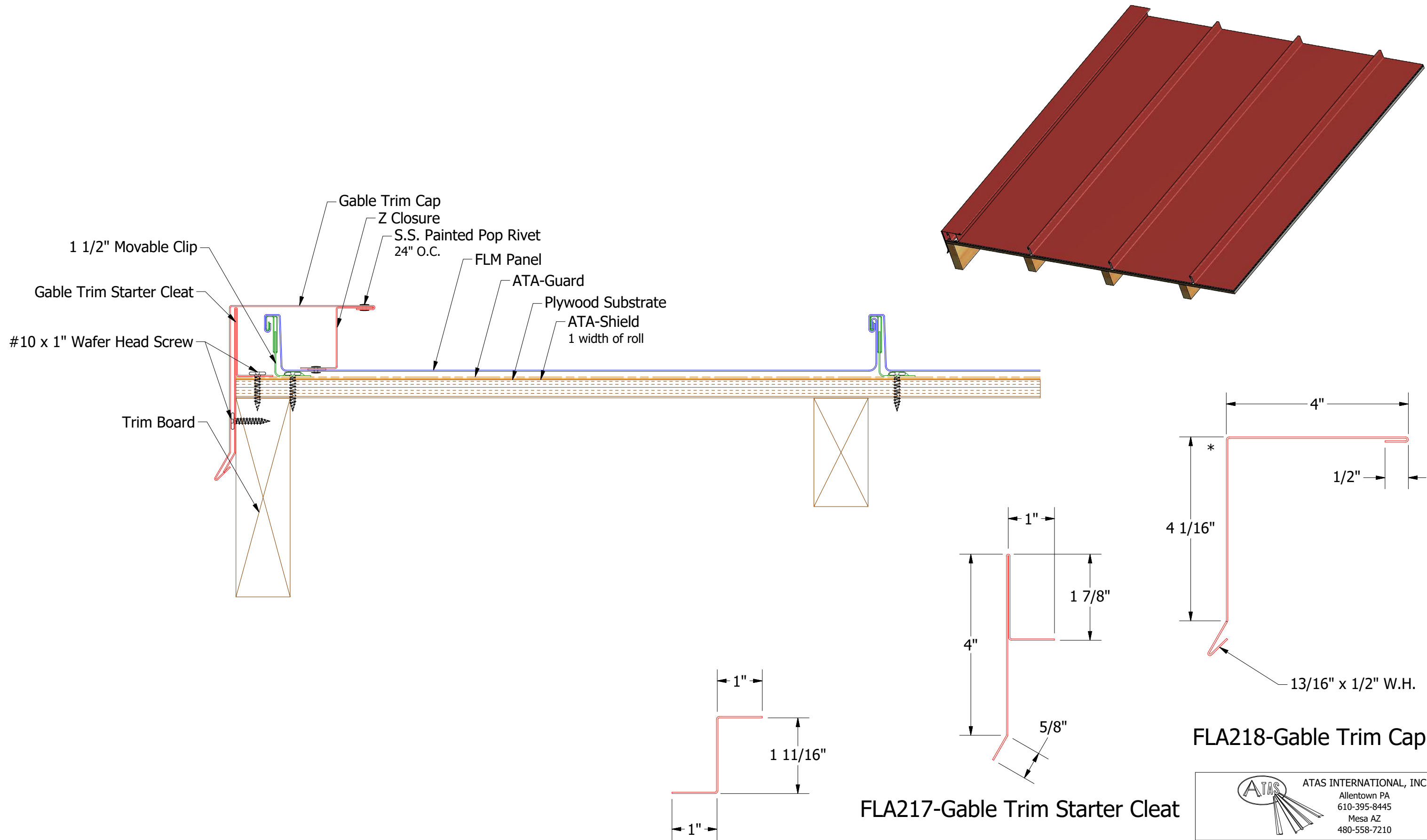
FLA342 - 2:12 to 6:12 Slope
D1=7", D2=6.25"
FLA344 - 6:12 to 9:12 Slope
D1 = 8", D2=6.5"
FLA346 - 9:12 to 12:12 Slope
D1 = 9", D2=6.75"

Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

TITLE				FLM Shed Ridge Detail			
2	5/30/2019	Updated Clip Information	AJZ	KRK	DWG. NO.	DR	KRK
1	6/20/18	Updated Substrate and Trims	MBP		MATERIAL	APP	
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE	B	SCALE
							X:X



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



Note: * denotes color side.

FLA916-Z Closure

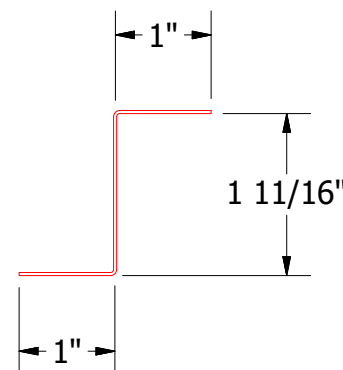
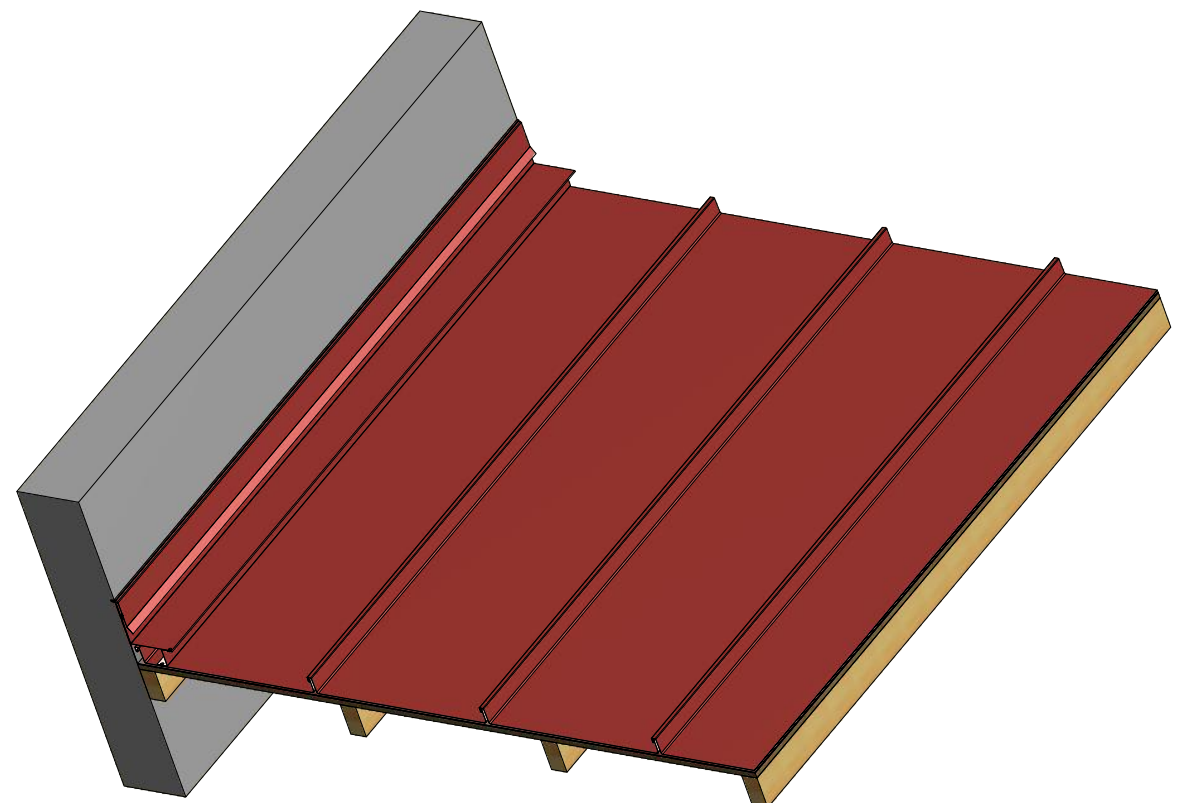
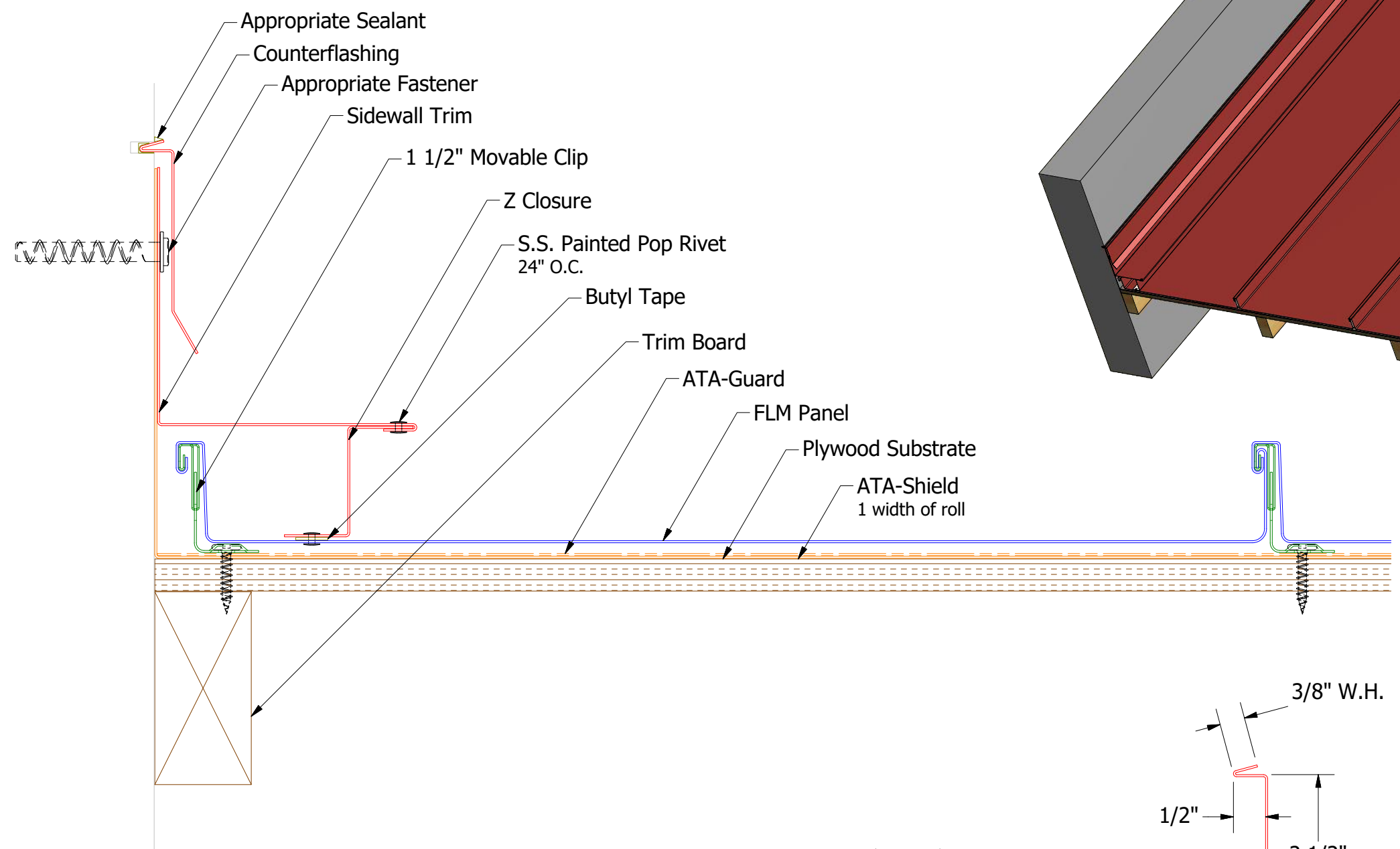
FLA217-Gable Trim Starter Cleat

FLA218-Gable Trim Cap

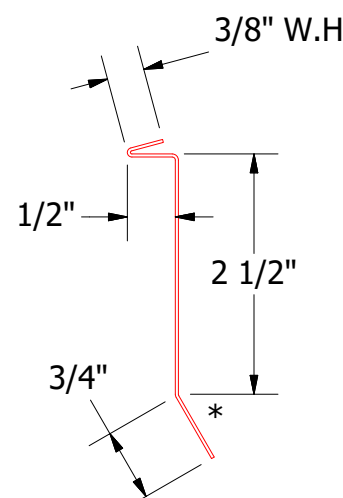
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		
2	5/30/2019		Updated Clip Information	AJZ	KRK	FLM Starting Gable Detail		
1	6/20/18		Updated Substrate and Trims	MBP				
						DWG. NO.	DR	DATE
						MATERIAL	APP	DATE
						SH. SIZE	B	SCALE
								X:X



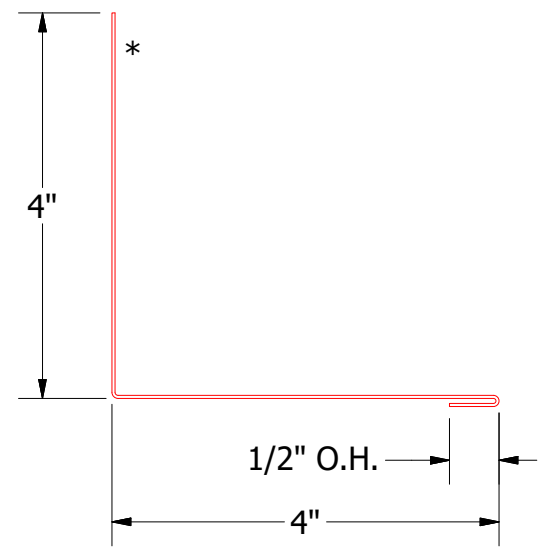
ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210



FLA916-Z Closure

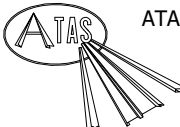


FLA980-Counterflashing



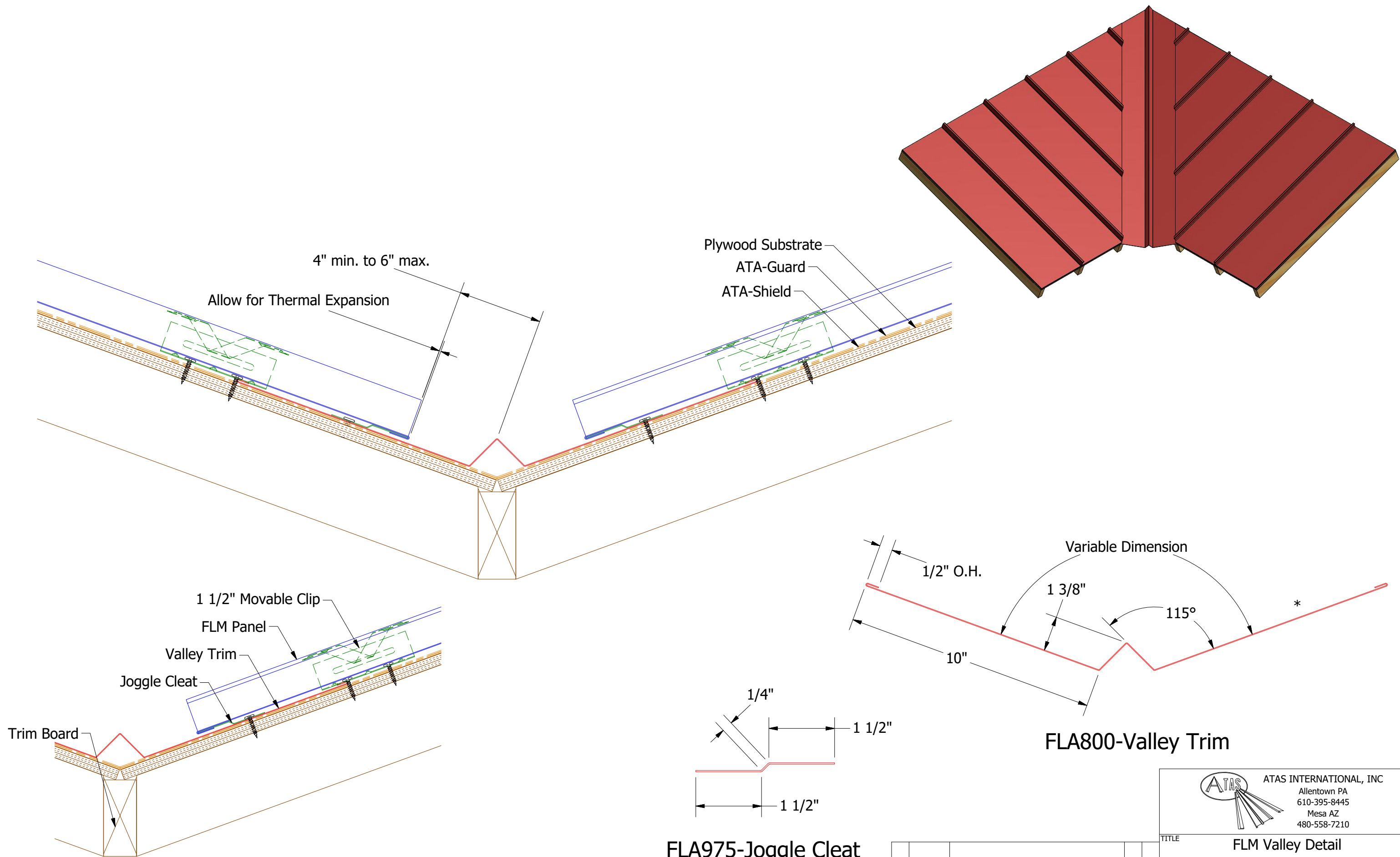
FLA410-Sidewall Trim

Note: * denotes color side.



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

TITLE					FLM Starting Sidewall Detail		
2	5/30/2019	Updated Clip Information	AJZ	KRK	DWG. NO.	DR	DATE
1	6/21/18	Updated Substrate and Titles	MBP		APP	KRK	9/11/2014
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	SCALE
						B	X:X

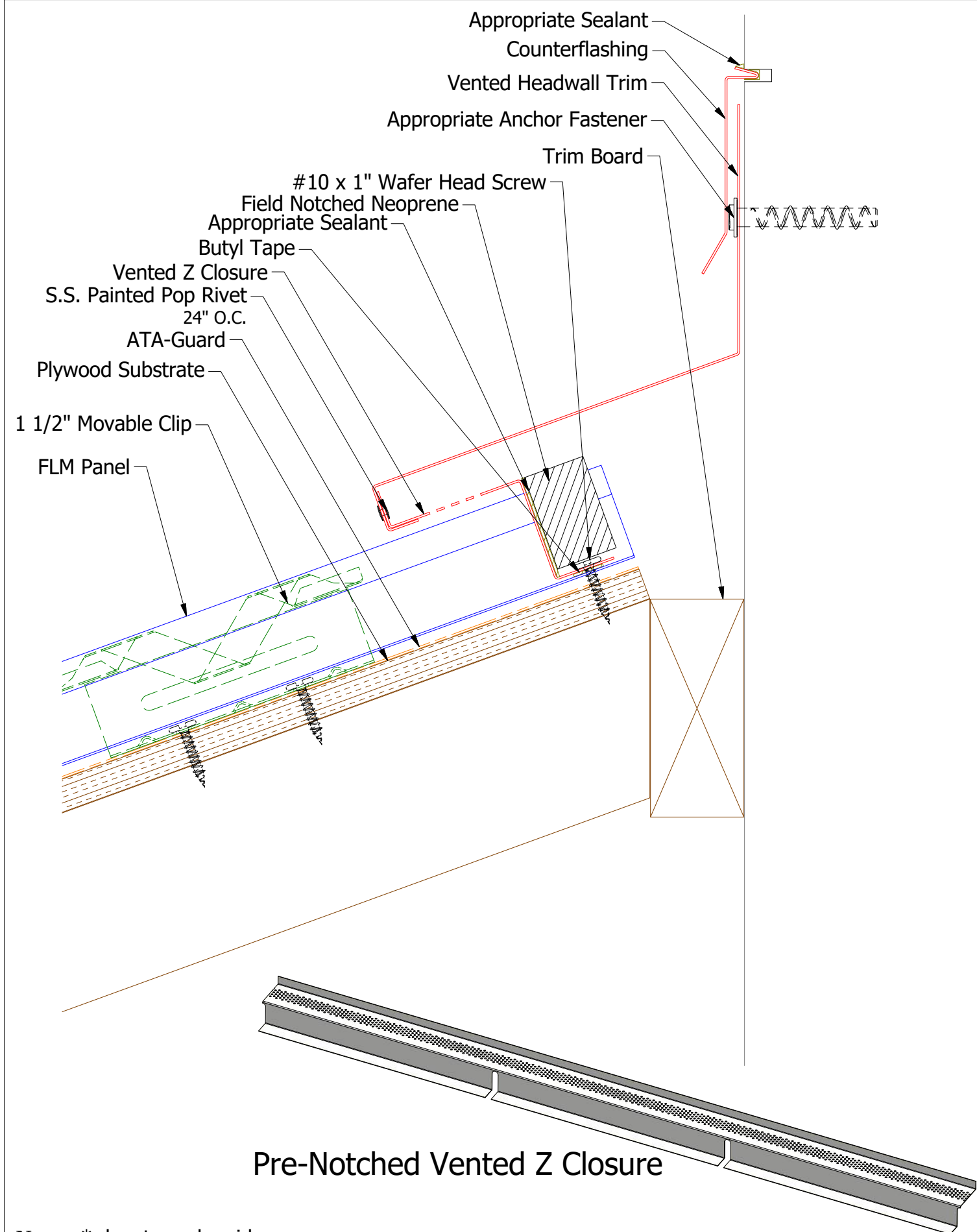


Note: * denotes color side.

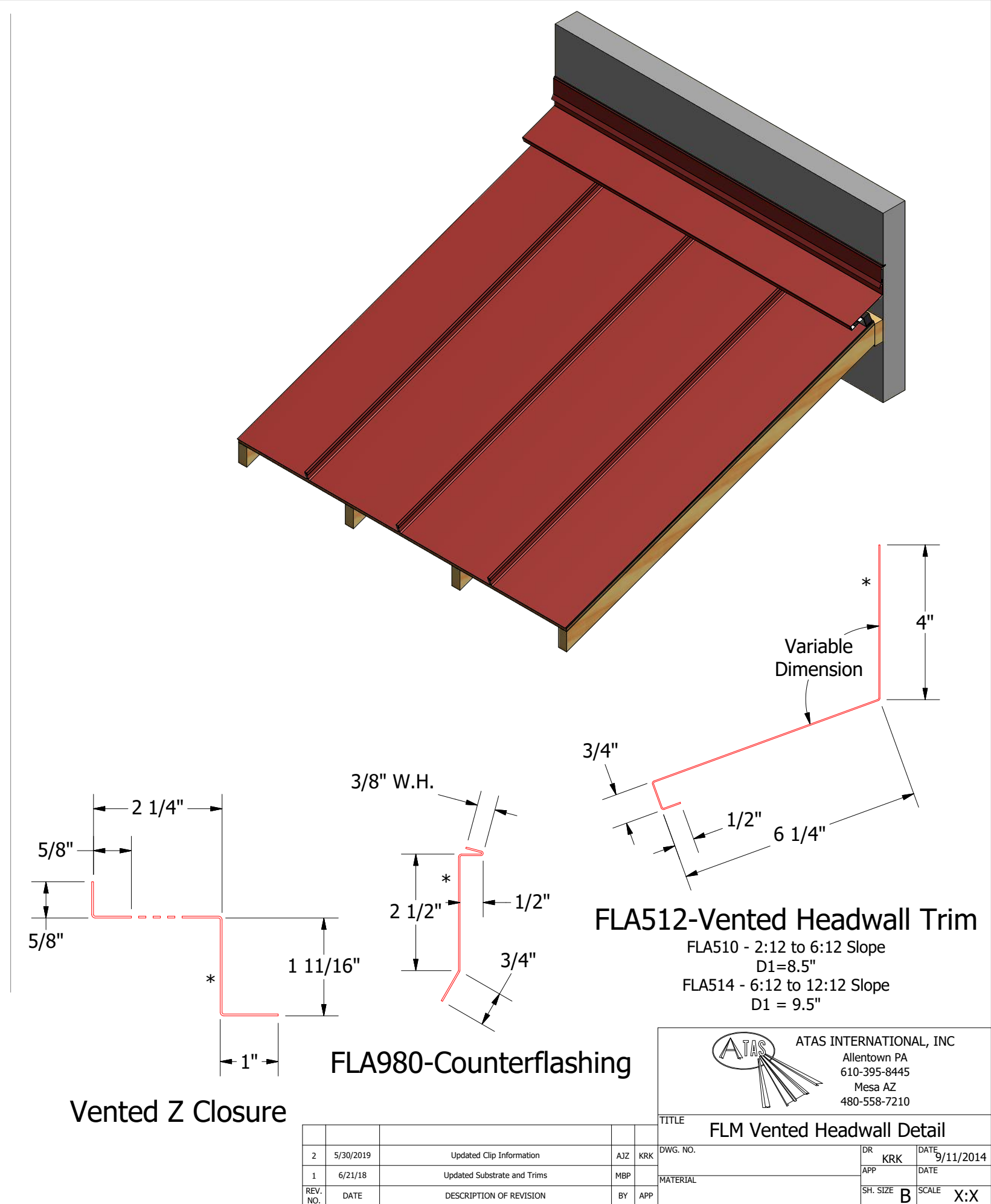
FLA975-Joggle Cleat
(NTS)

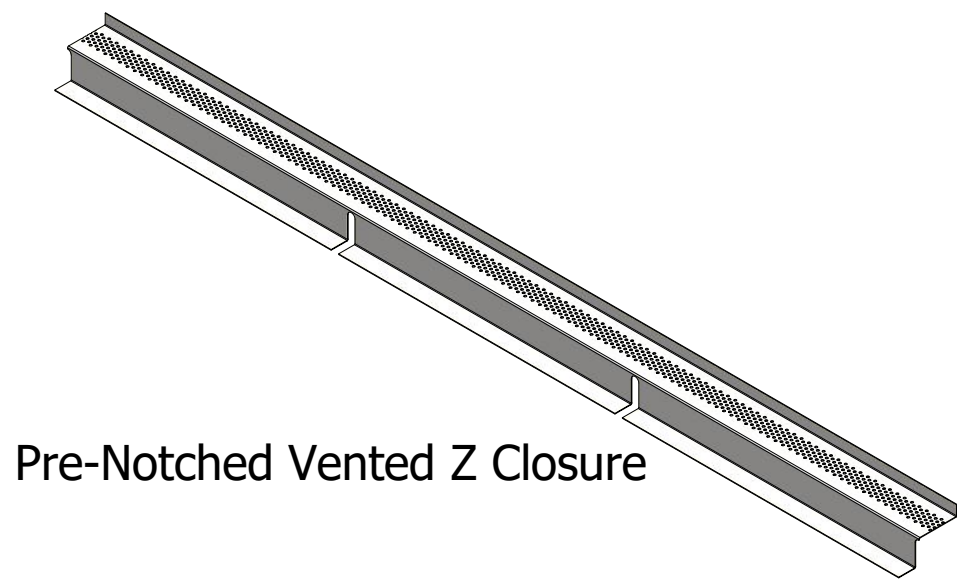
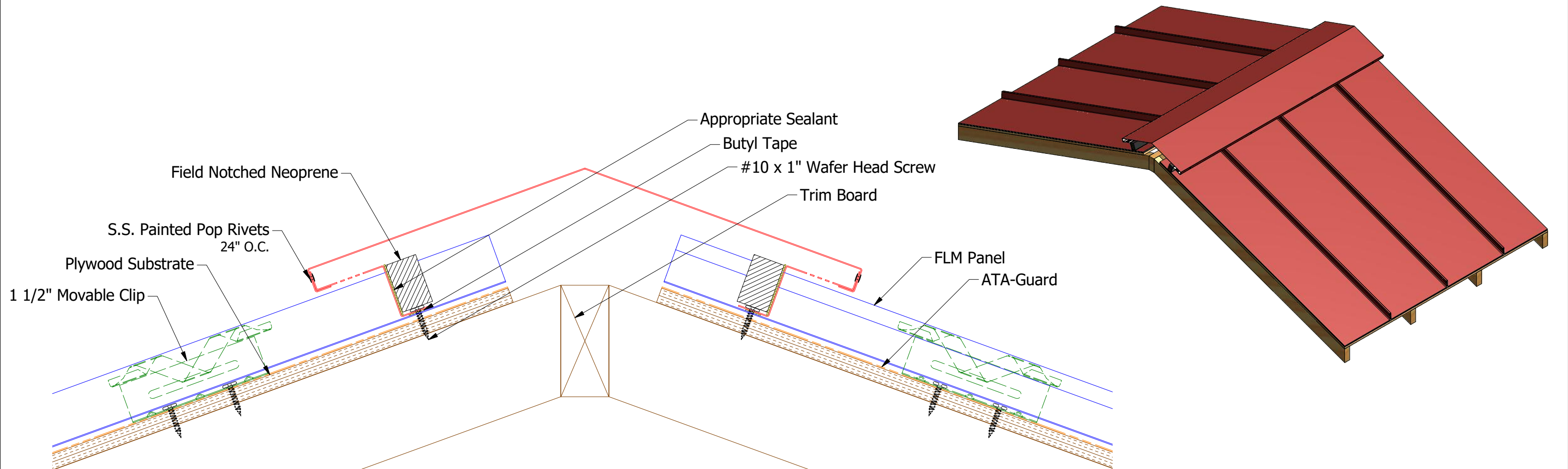
FLA800-Valley Trim

						TITLE		FLM Valley Detail	
2	5/30/2019	Updated Clip Information	AJZ	KRK	DWG. NO.	DR	KRK	DATE	9/11/2014
1	6/21/18	Updated Substrate and Titles	MBP		MATERIAL	APP		DATE	
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE	B	SCALE	X:X	

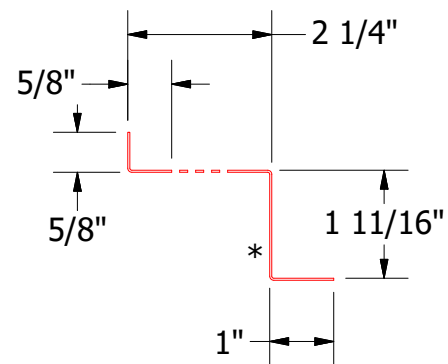


Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Vented Pre Notched Z Closures are utilized.

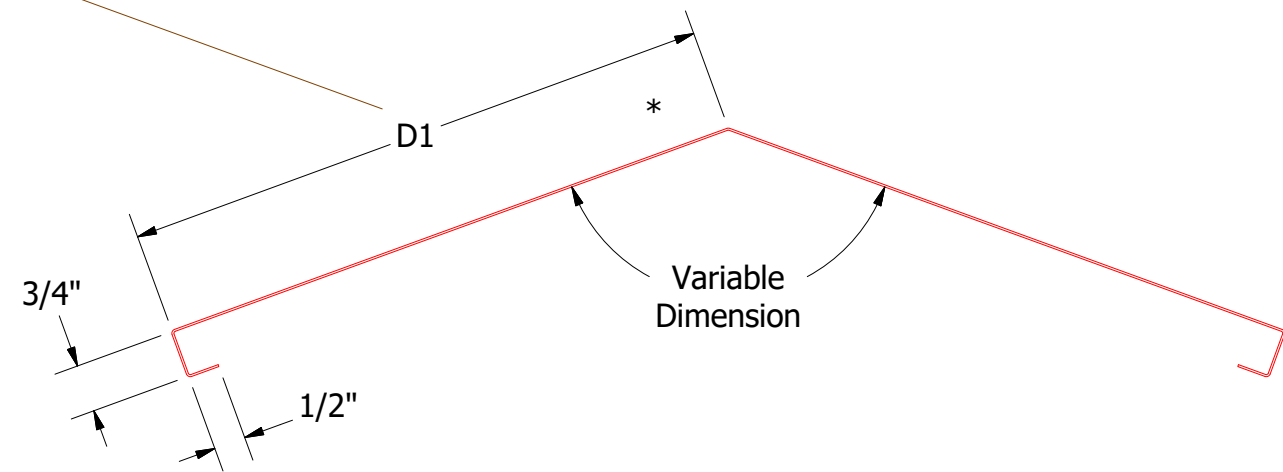




Pre-Notched Vented Z Closure



Vented Z Closure

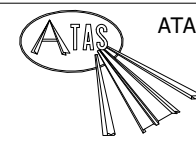


Vented Ridge Cap

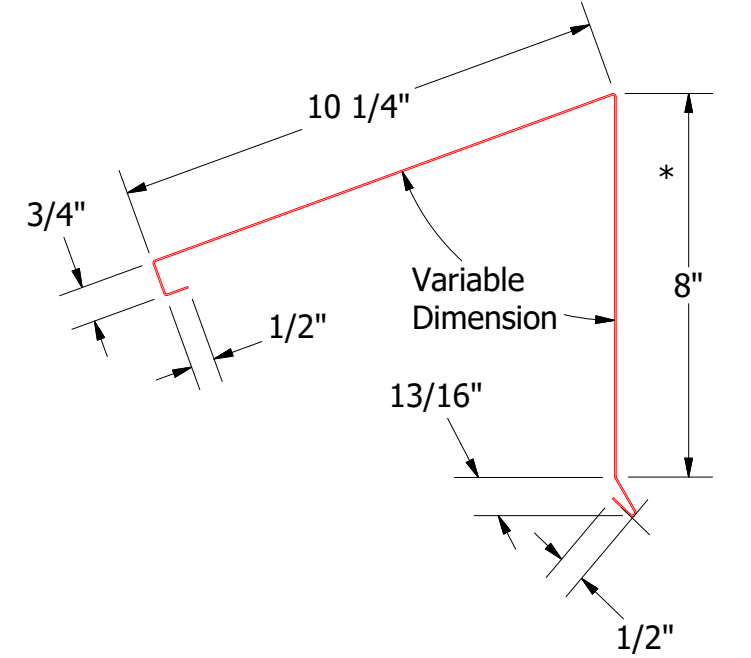
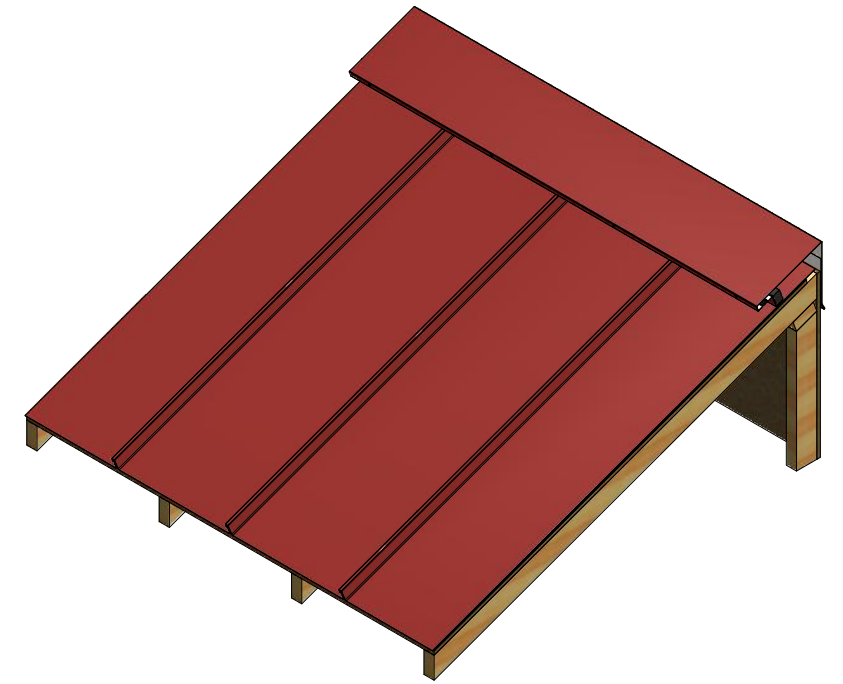
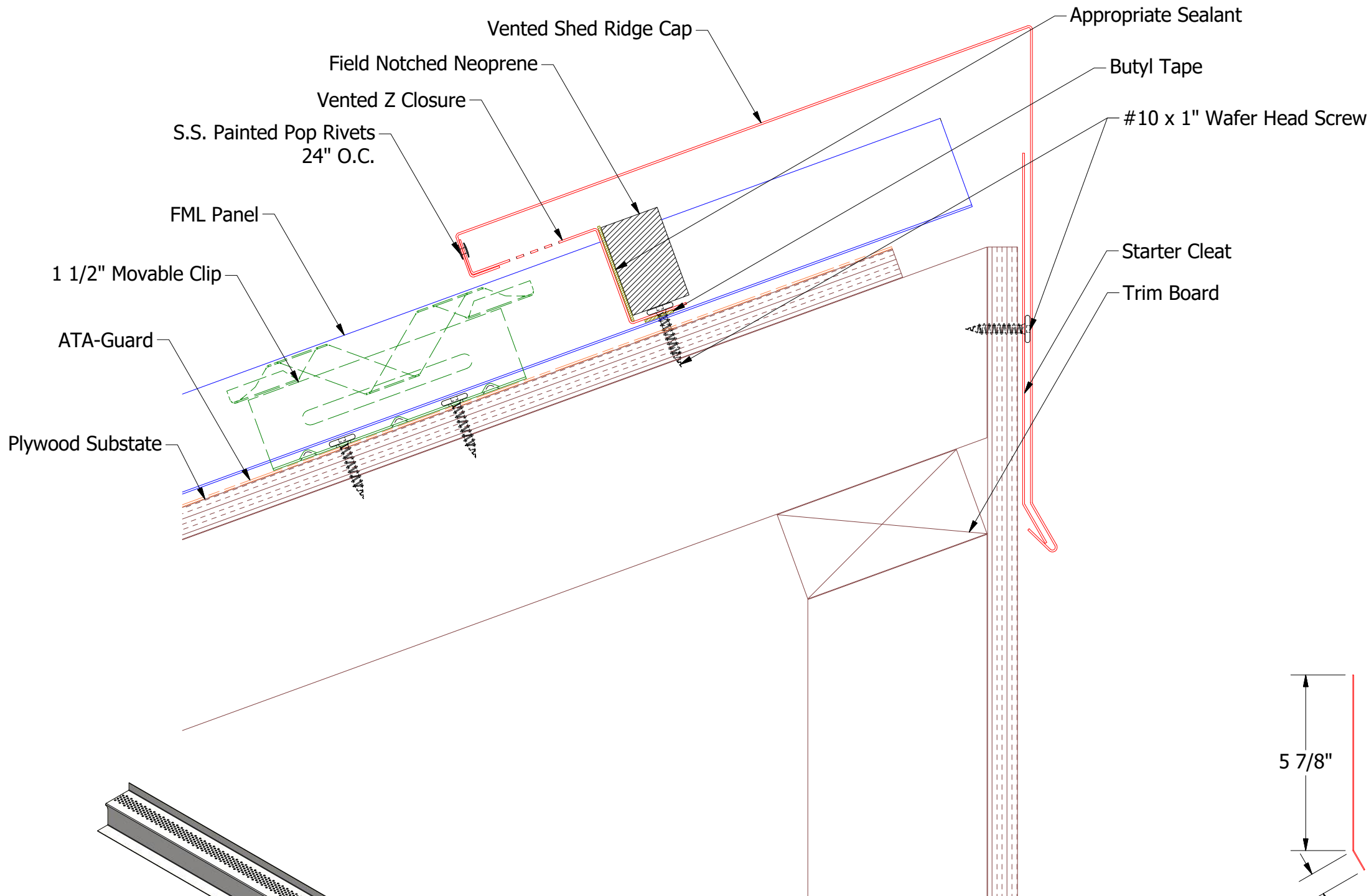
FLA322-3:12 to 6:12 Slope
D1=7.25"
FLA324-6:12 to 9:12 Slope
D1=8.25"
FLA326-9:12 to 12:12 Slope
D1=9.25"

Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Vented Pre Notched Z Closures are utilized.

TITLE				FLM Vented Ridge Detail			
2	5/30/2019	Updated Clip Information	AJZ	KRK	DWG. NO.	DR	DATE
1	6/20/18	Updates of specifications	JC		APP	KRK	9/11/2014
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	SCALE
						B	X:X

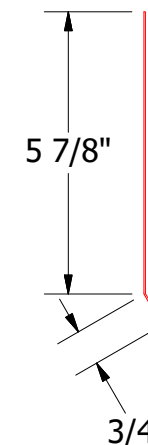


ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210



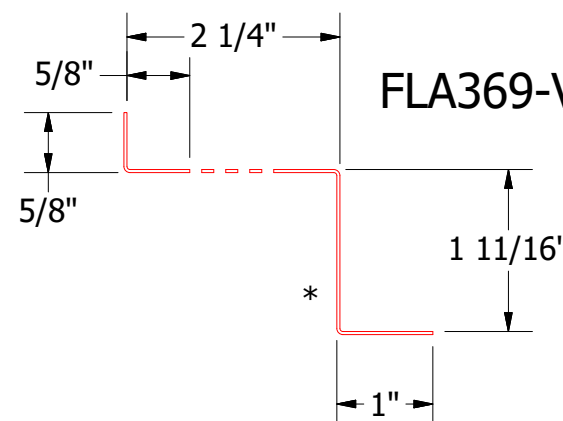
FLA366-Vented Shed Ride Cap

- FLA362 - 2:12 to 6:12 Slope
D1=10.5", D2=6"
- FLA364 - 6:12 to 9:12 Slope
D1 = 11.25", D2=6.5"
- FLA366 - 9:12 to 12:12 Slope
D1 = 12.25", D2=7.25"



FLA369-Vented Shed Ridge Starter Cleat

- 2:12 to 6:12 Slope
D1=5.875"
- 6:12 to 9:12 Slope
D1=6.375"
- 9:12 to 12:12 Slope
D1=7.125"



Vented Z Closure

Pre-Notched Vented Z Closure

Note: * denotes color side.

Note: Neoprene Closures are not required if Factory Vented Pre Notched Z Closures are utilized.

		ATAS INTERNATIONAL, INC	
		Allentown PA 610-395-8445 Mesa AZ 480-558-7210	
TITLE FLM Vented Shed Ridge Detail			
DWG. NO.		DR KRK	DATE 9/11/2014
MATERIAL		APP	DATE
		SH. SIZE B	SCALE X:X