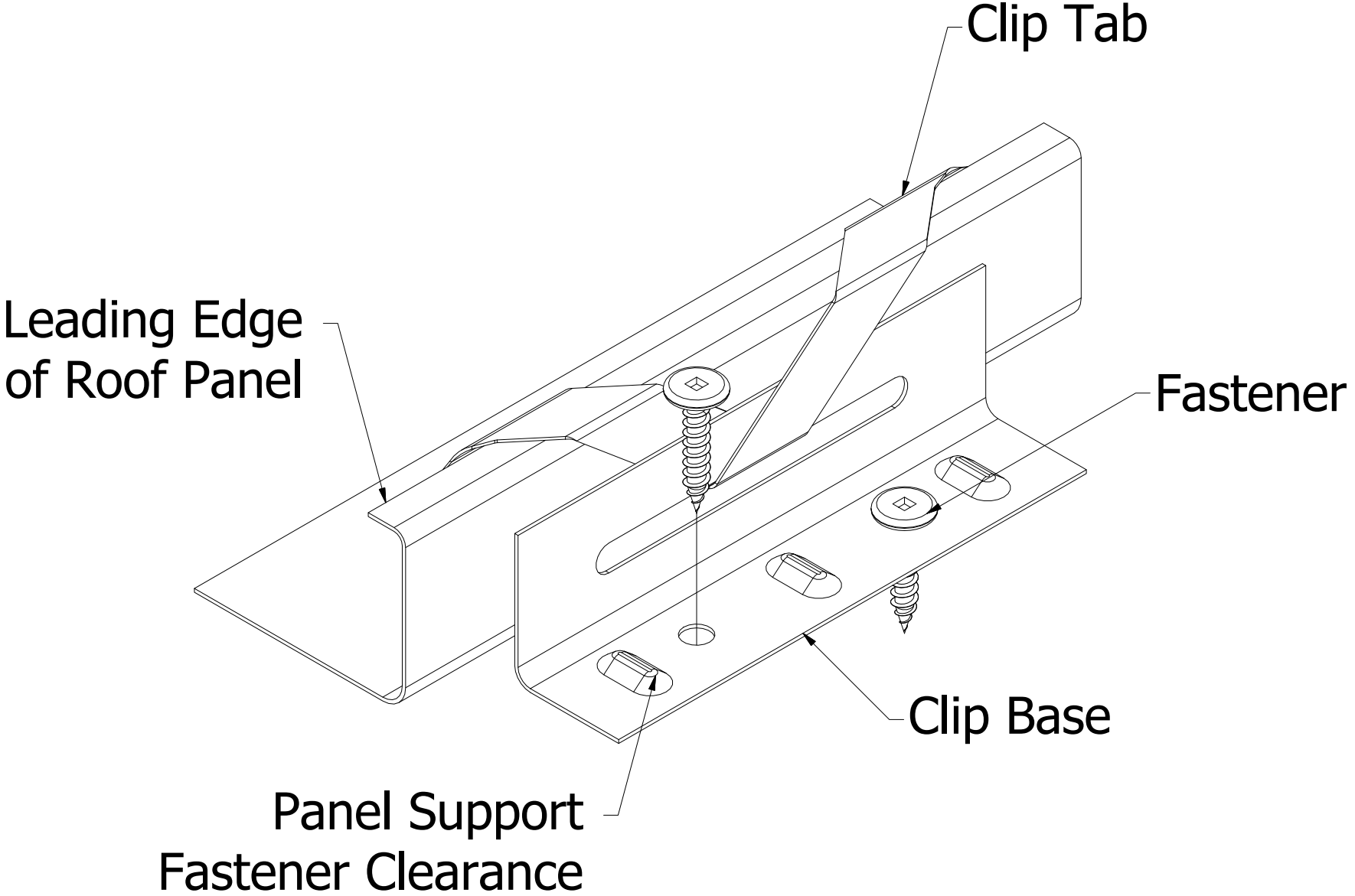
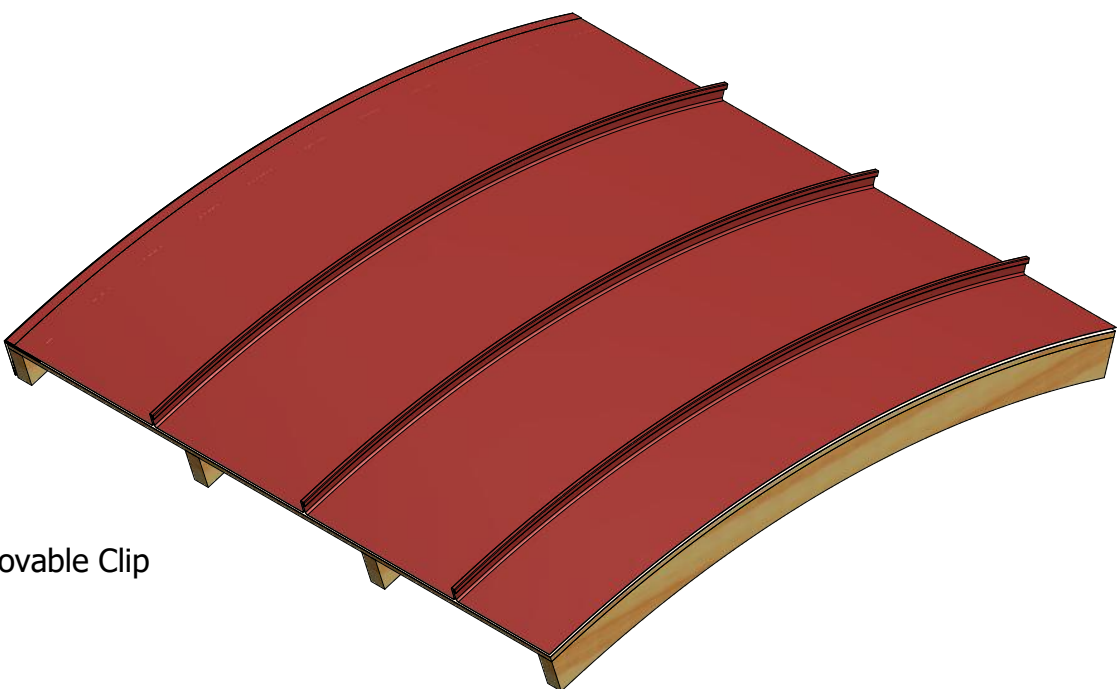
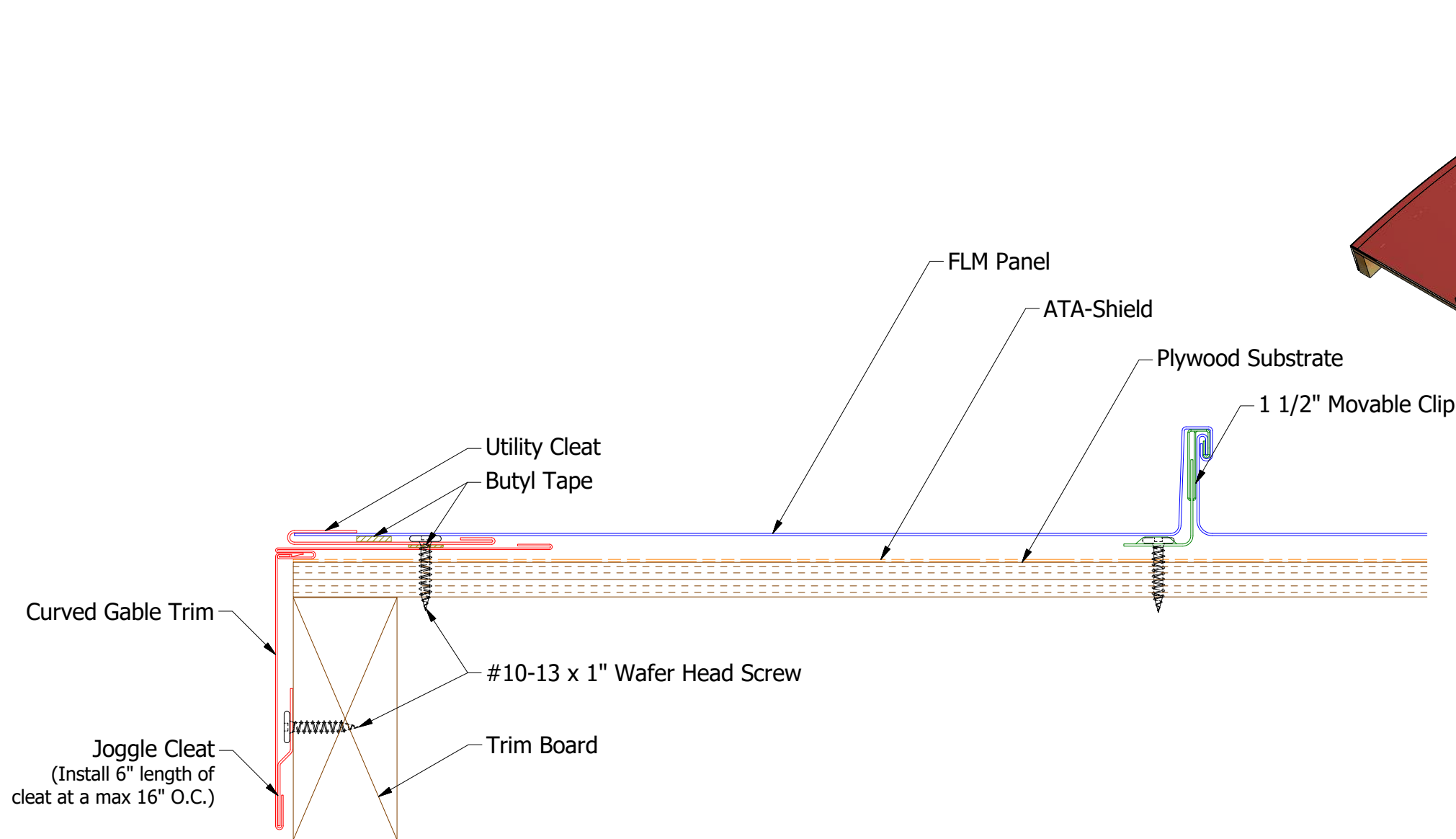






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TITLE			FLM Clip		
DWG. NO.			DR	DMR	DATE 9/9/2016
MATERIAL			APP		DATE
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE B SCALE X:X



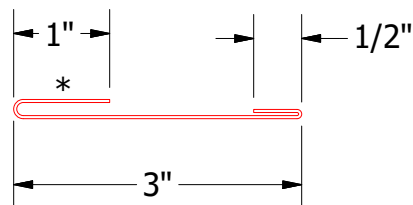
Curved Gable Trim
Joggle Cleat
(Install 6" length of
cleat at a max 16" O.C.)

Utility Cleat
Butyl Tape

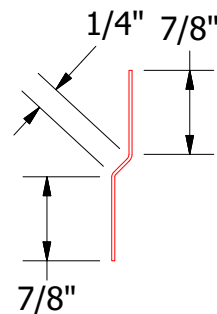
#10-13 x 1" Wafer Head Screw

Trim Board

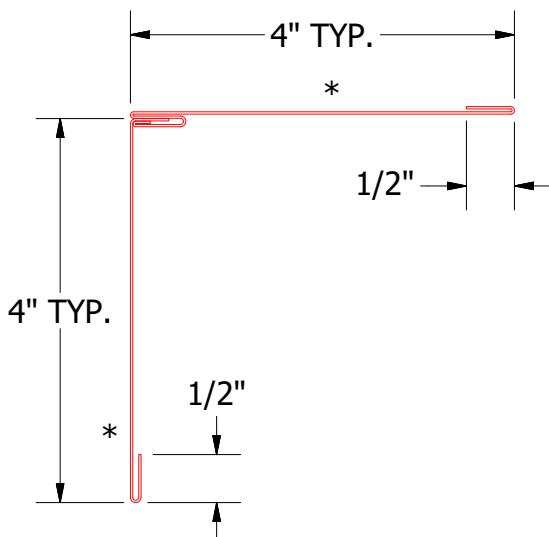
FLM Panel
ATA-Shield
Plywood Substrate
1 1/2" Movable Clip



FLA962-Utility Cleat



FLA975-Joggle Cleat



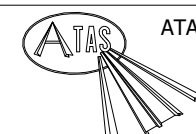
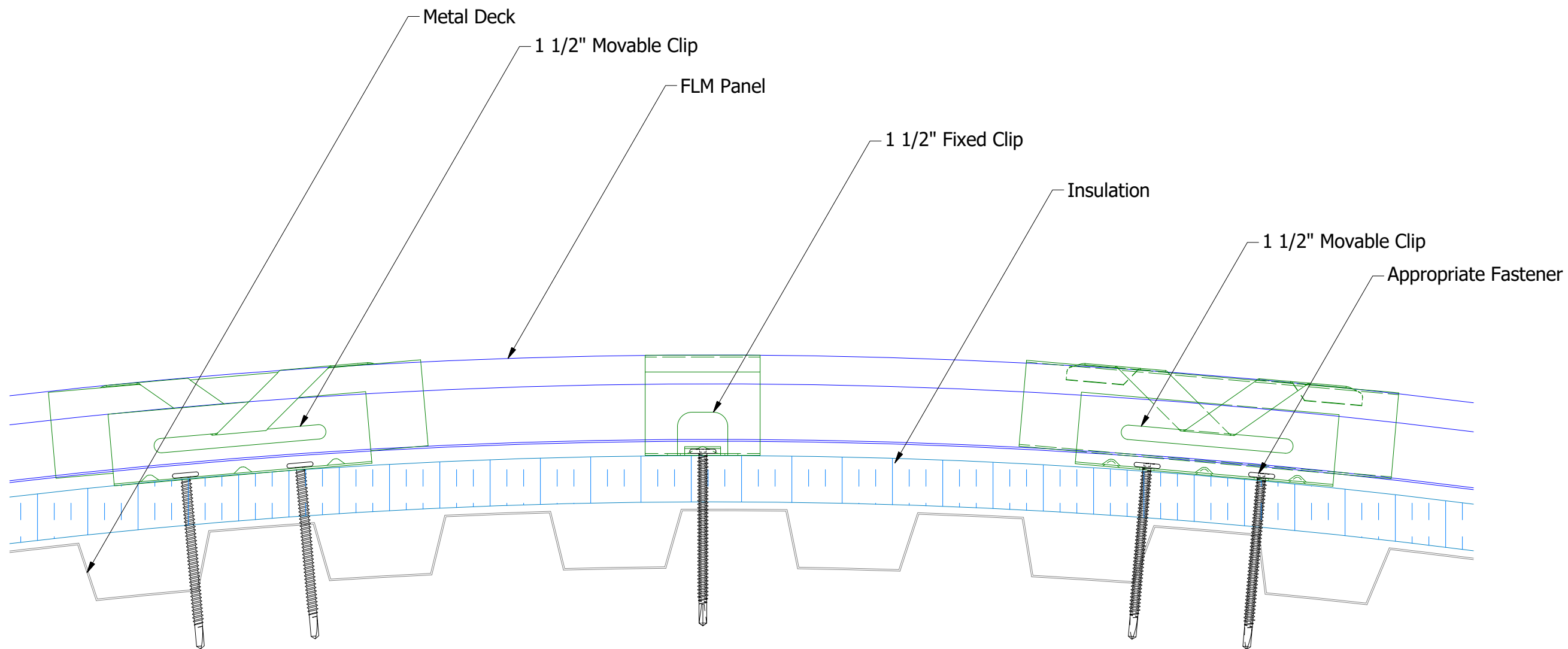
SFC999-Curved Gable Trim

Note: * denotes color side.

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



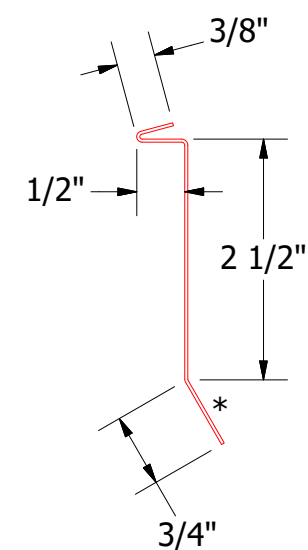
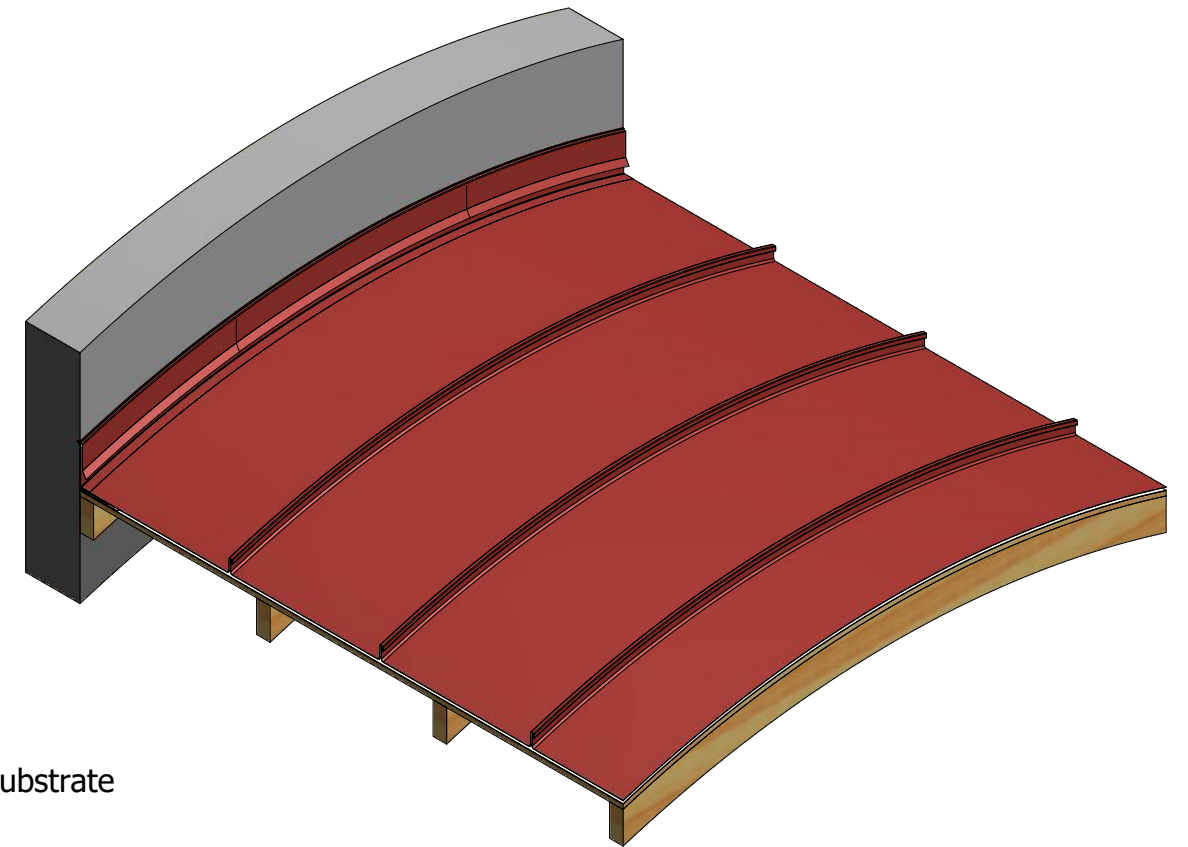
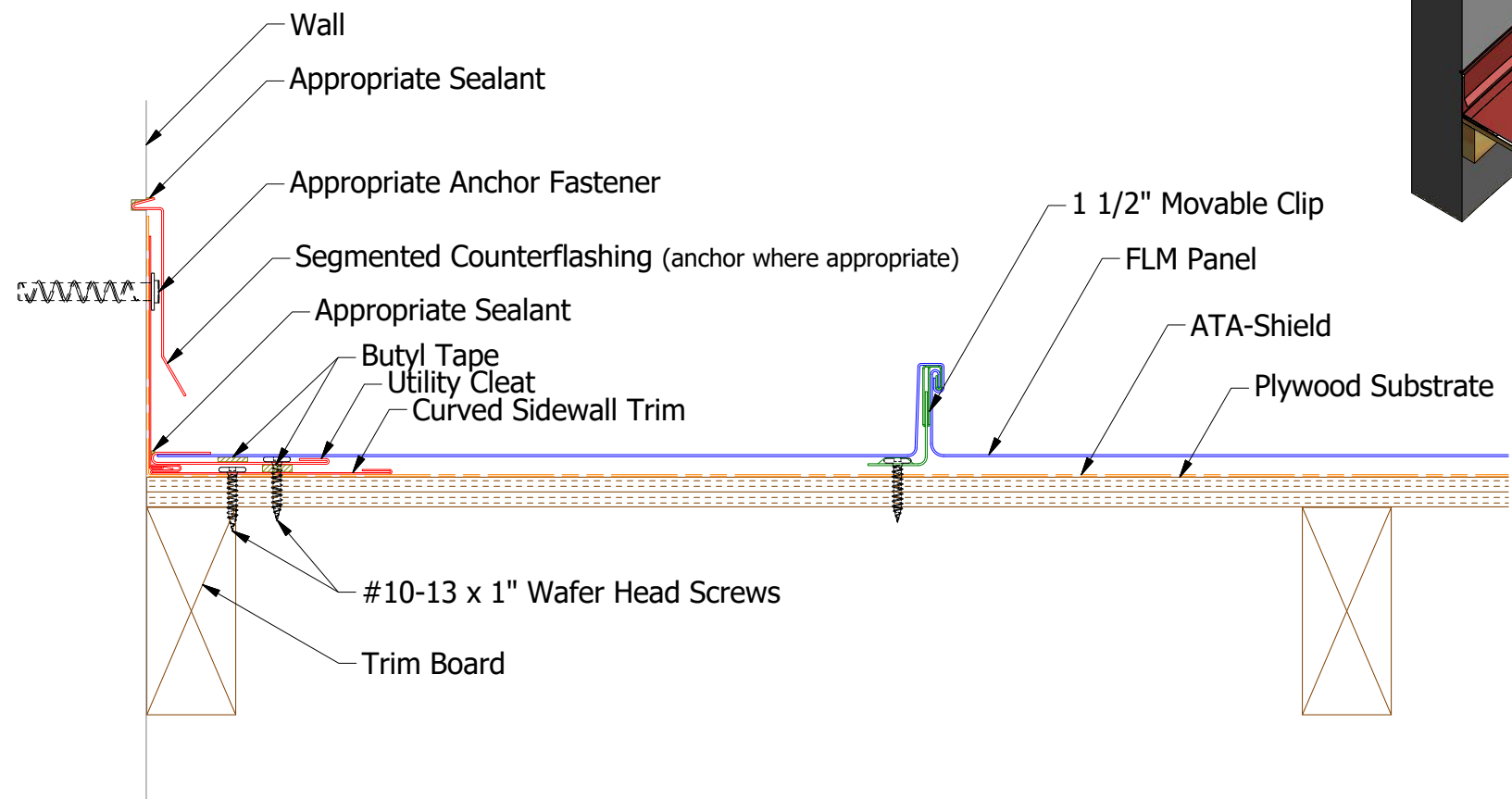
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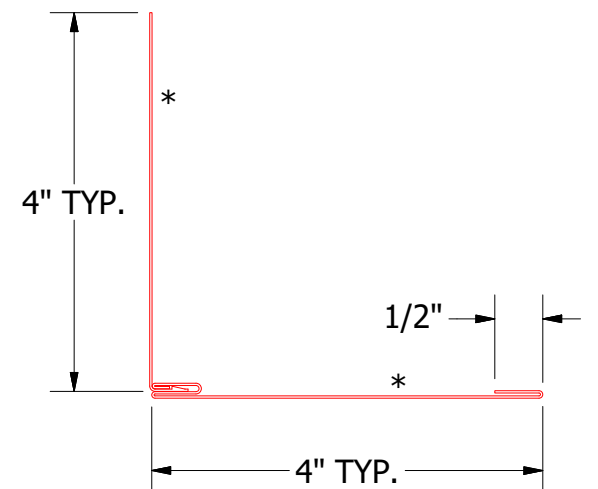
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TITLE			FLM Curved Panel Open Framing		
DWG. NO.			DR	MBP	DATE 7/19/2019
			APP		DATE
MATERIAL			SH. SIZE	B	SCALE X:X

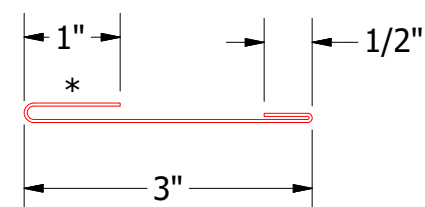
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP



FLA980-Counterflashing



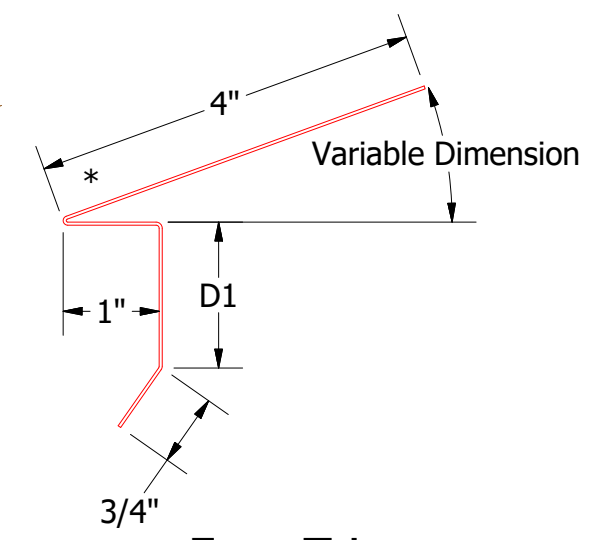
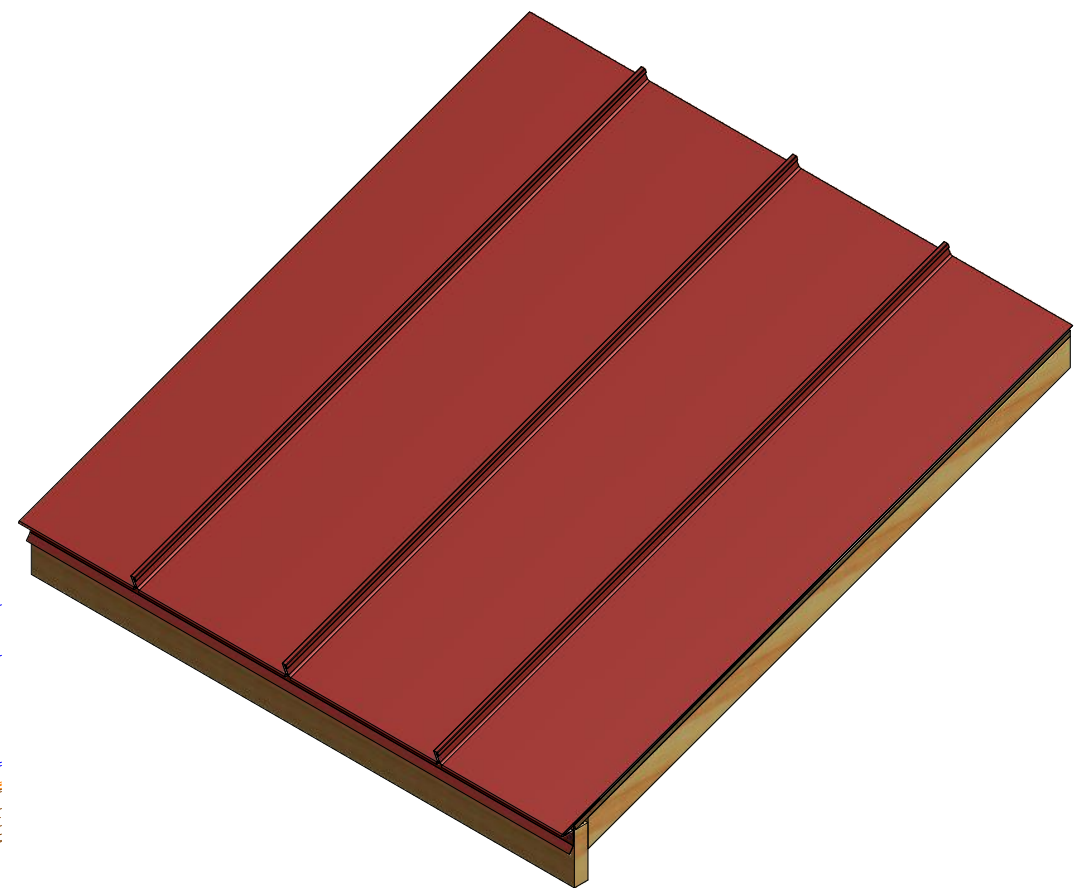
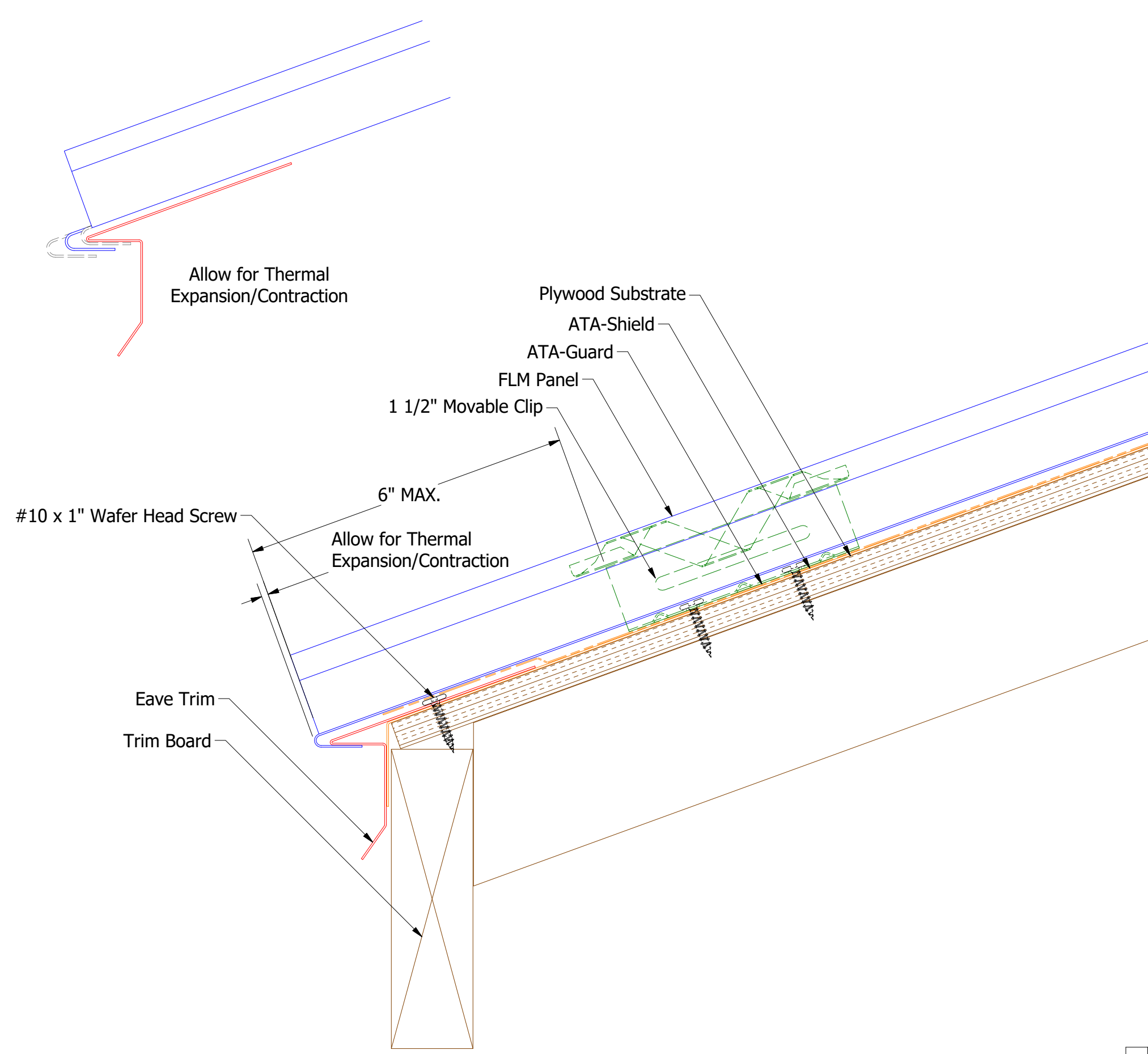
SFC999-Curved Sidewall Trim



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
MATERIAL		APP	DATE
		SH. SIZE B	SCALE X:X



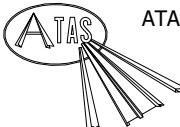
Eave Trim

- 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"

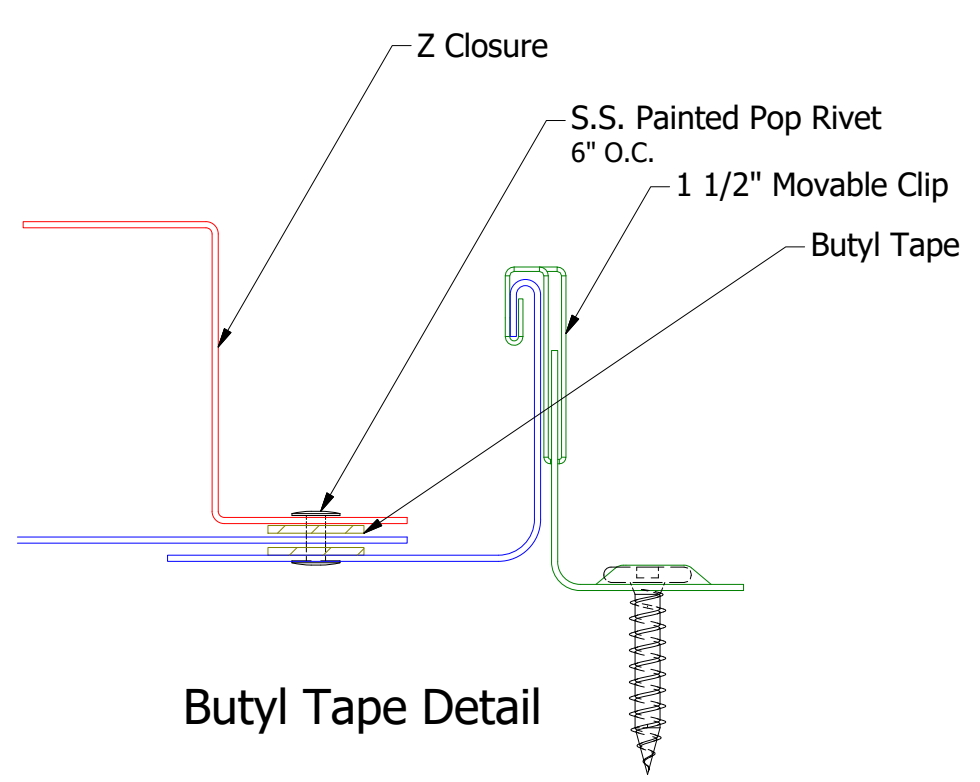
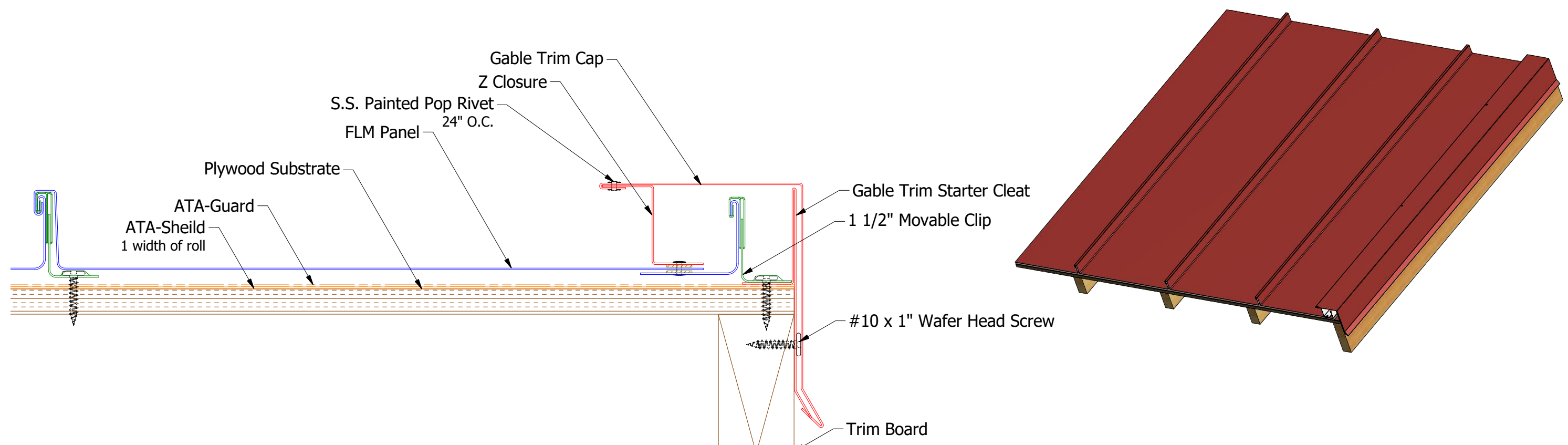
Note: * denotes color side.

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

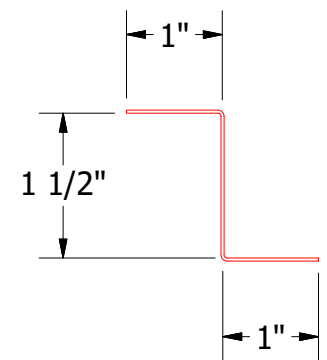
TITLE			FLM Eave Detail		
DWG. NO.			DR	KRK	DATE 9/9/2014
MATERIAL			APP		DATE



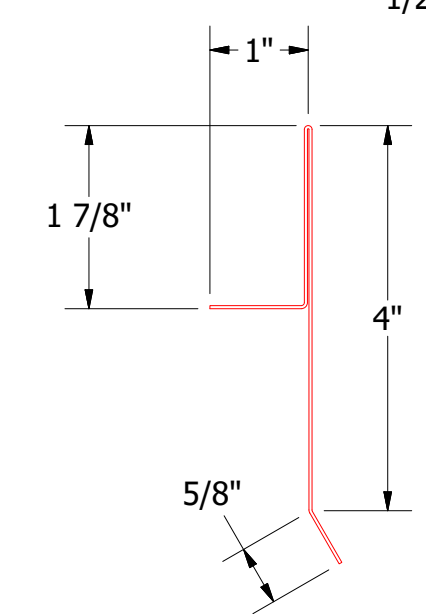
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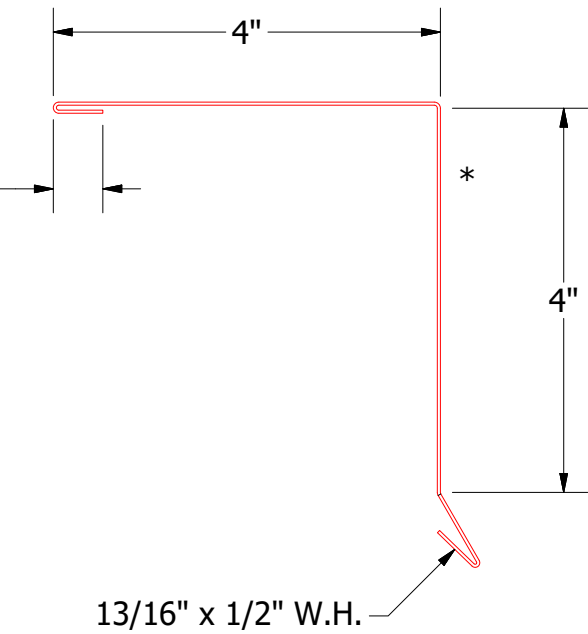
Butyl Tape Detail



FLA916-Z Closure



FLA217-Gable Trim Starter Cleat



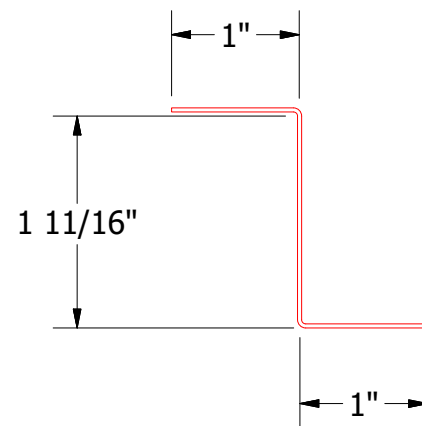
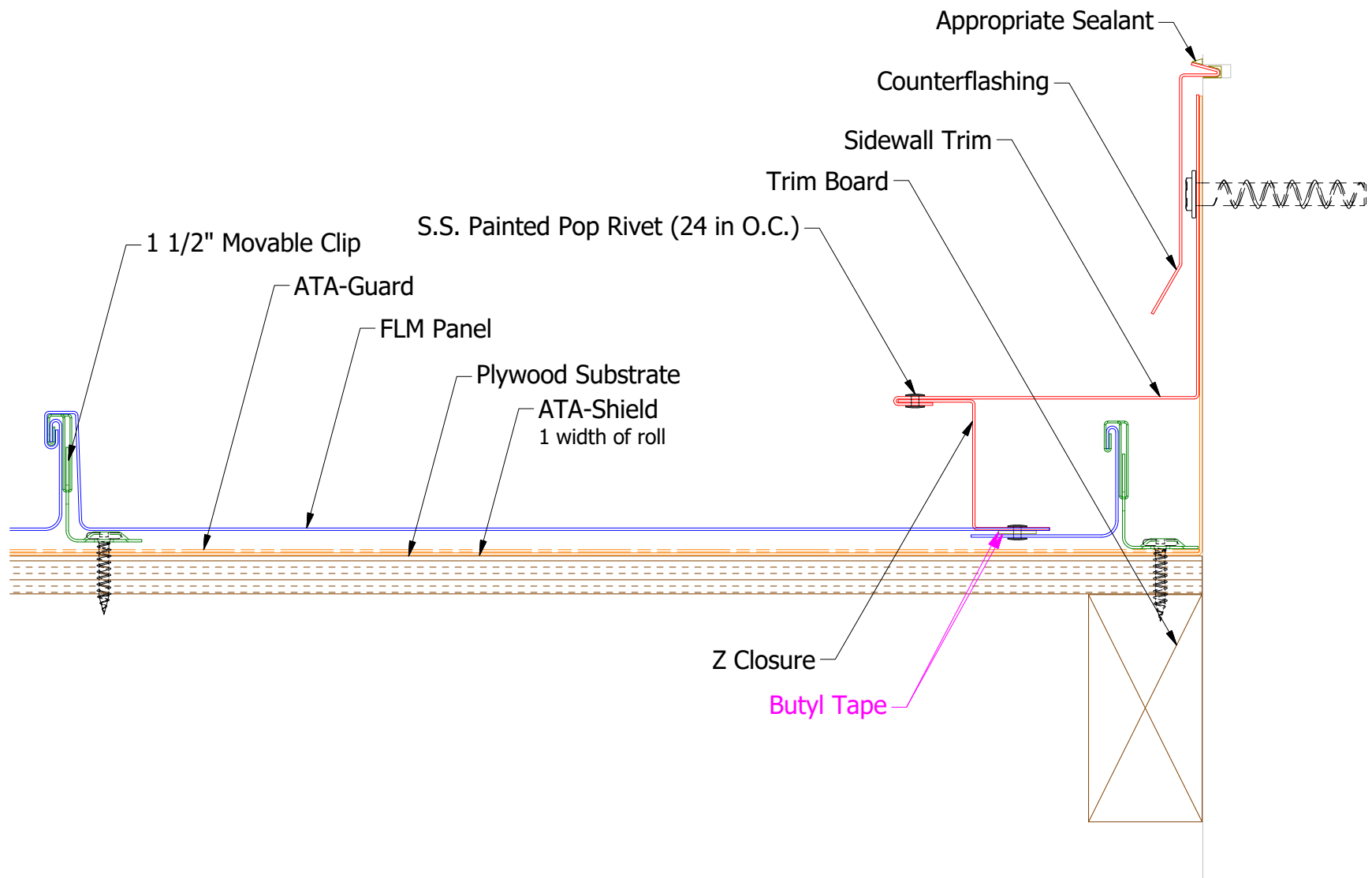
FLA218-Gable Trim Cap

Note: * denotes color side.

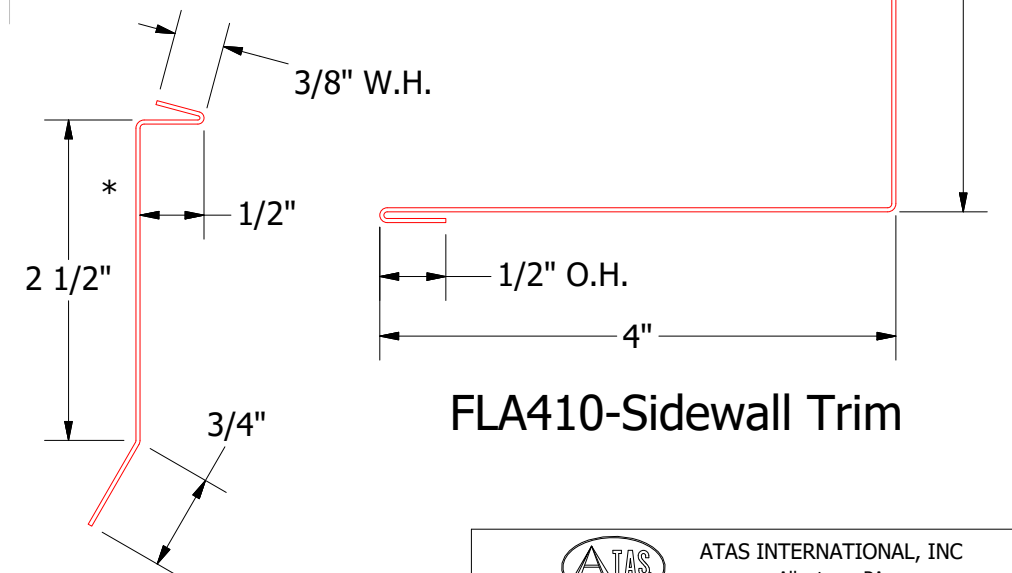
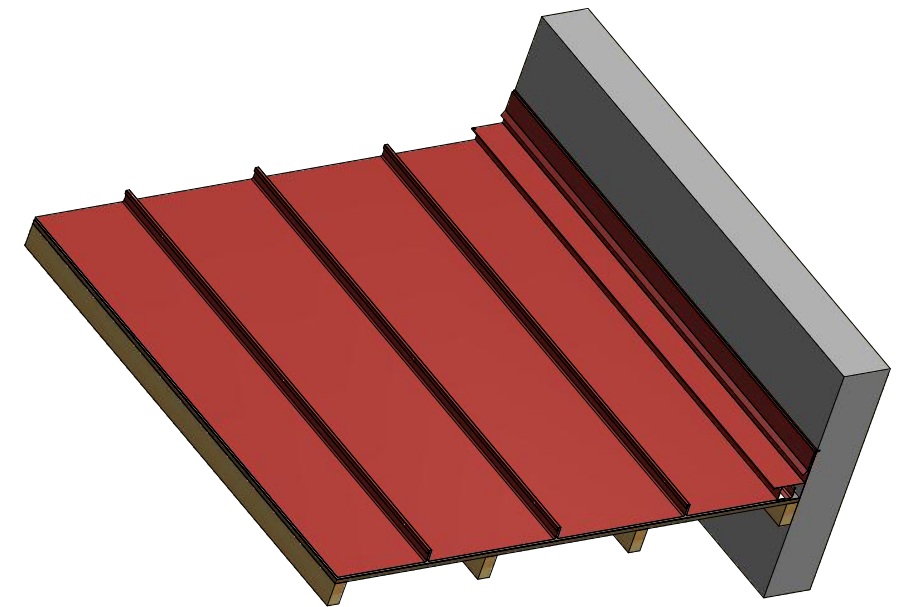
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		
2	5/30/2019		Updated Clip Information	AJZ	KRK	FLM Ending Gable Detail		
1	6/20/18		Updated Substrate and Trims	MBP				
						DWG. NO.	DR	DATE
							KRK	9/9/2014
						MATERIAL	APP	DATE
							SH. SIZE	SCALE
							B	X:X



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FLA916-Z Closure

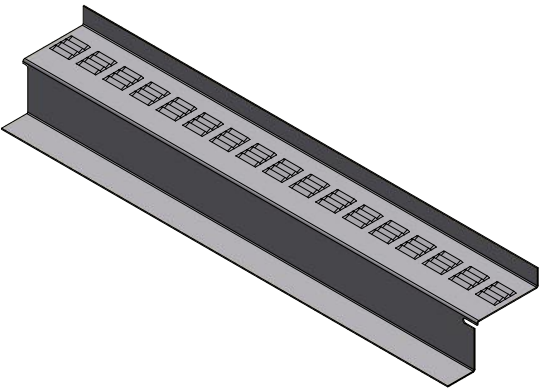


FLA410-Sidewall Trim

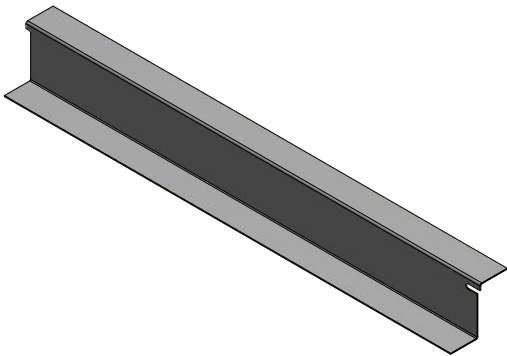
FLA980-Counterflashing

Note: * denotes color side.

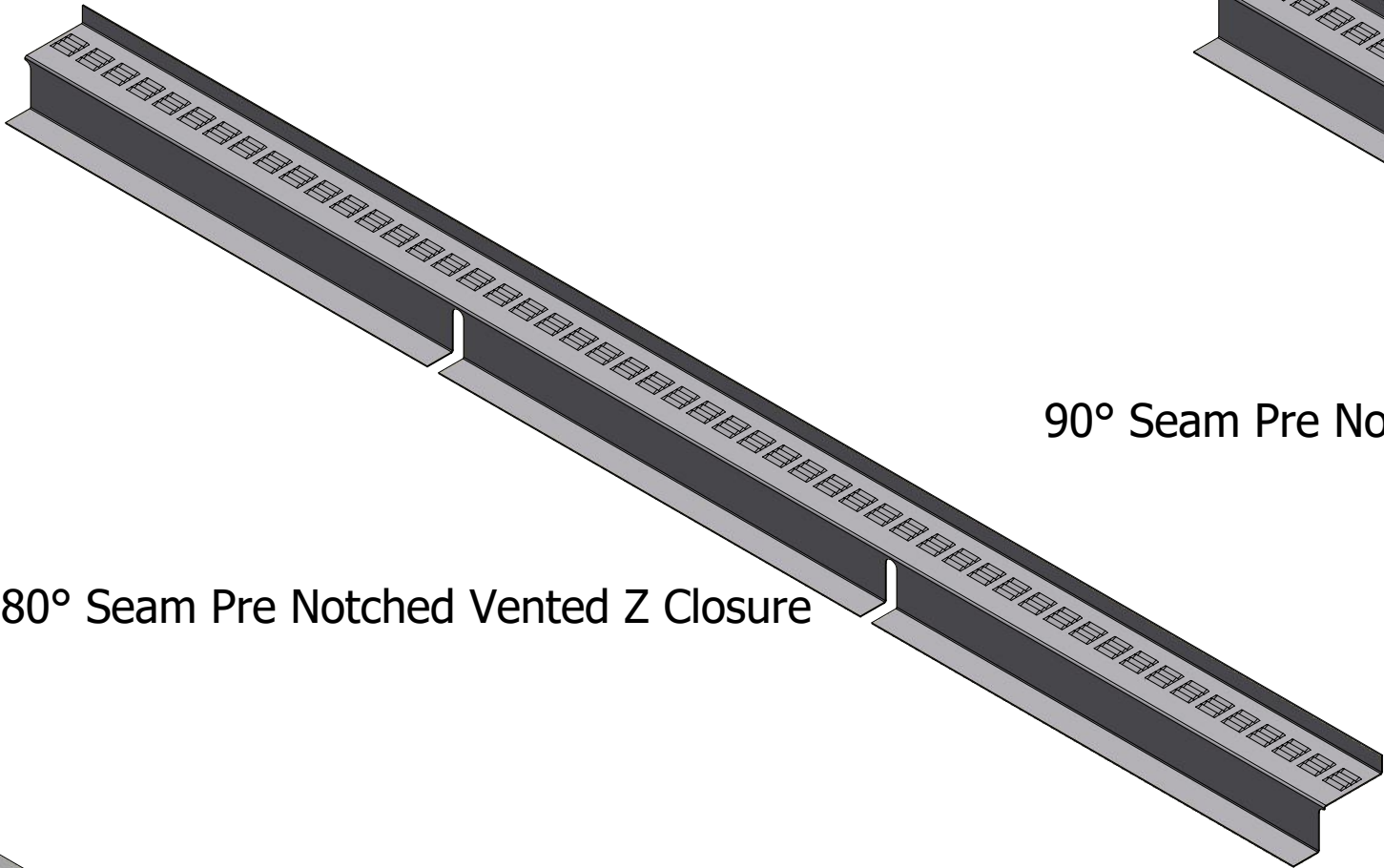
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		DR	DATE
2	5/30/2019		Updated Clip Information	AJZ	KRK	FLM Ending Sidewall Detail		DR	9/9/2014
1	6/19/20		Updated Substrate and Trims	MBP				APP	DATE
								SH. SIZE	SCALE
								B	X:X



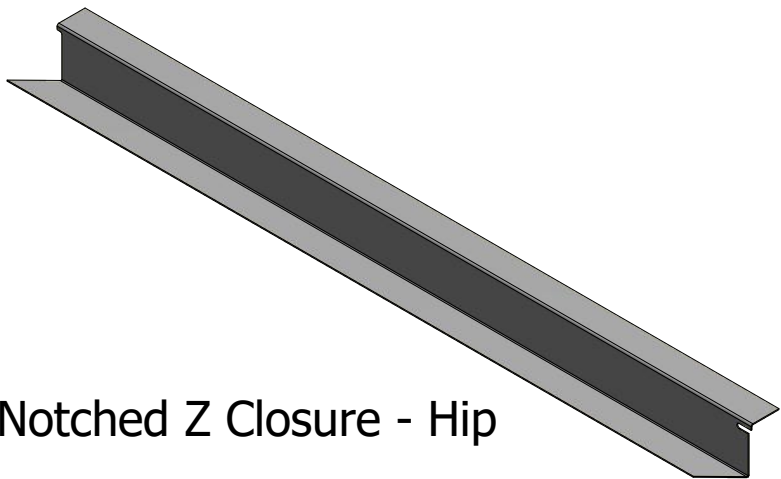
90° Seam Pre Notched Vented Z Closure



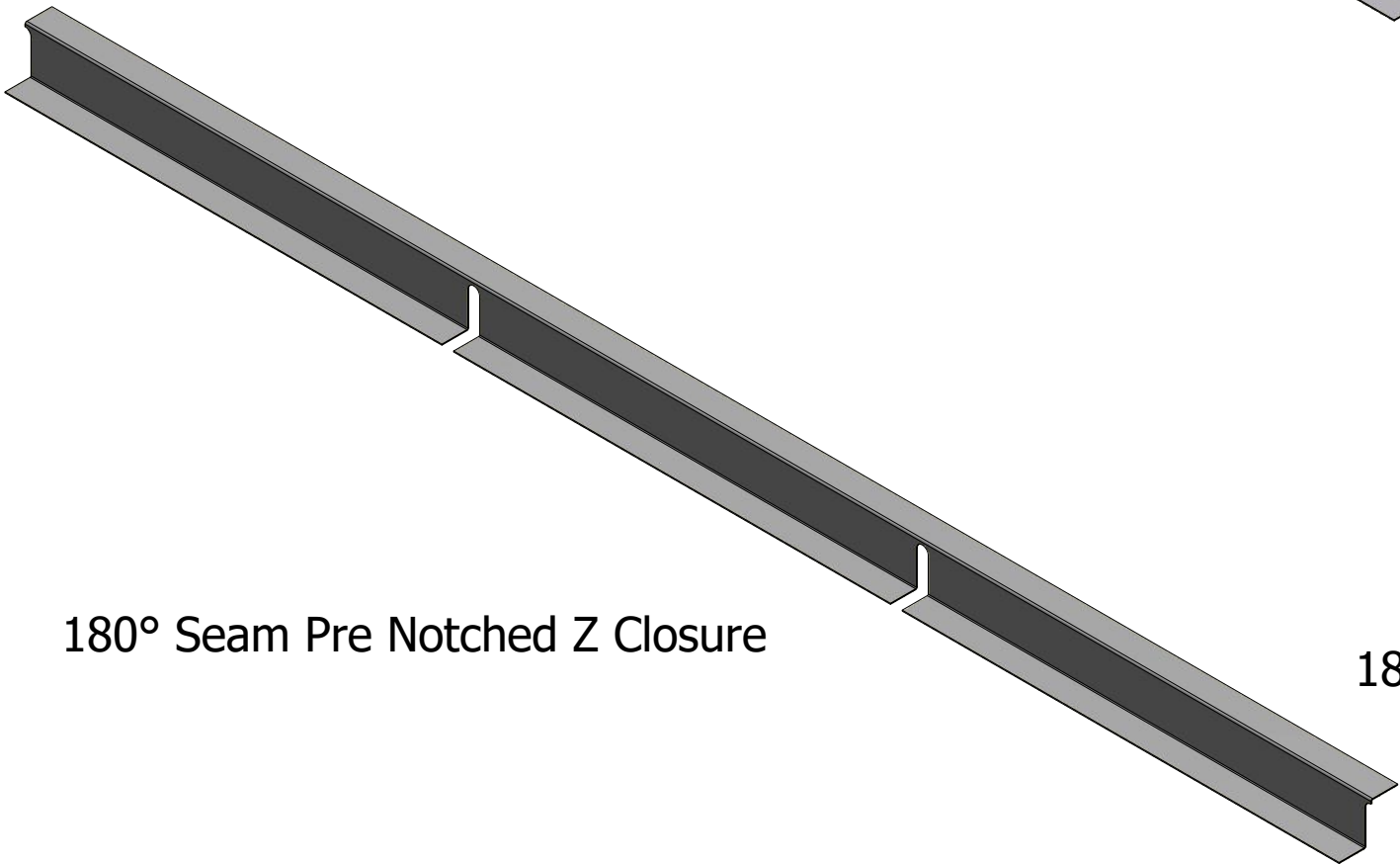
90° Seam Pre Notched Z Closure



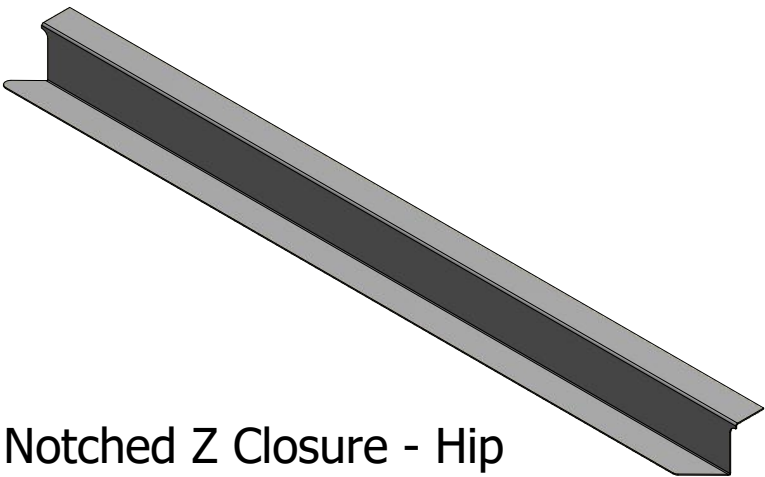
180° Seam Pre Notched Vented Z Closure



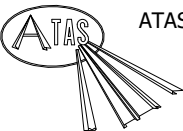
90° Seam Pre Notched Z Closure - Hip



180° Seam Pre Notched Z Closure

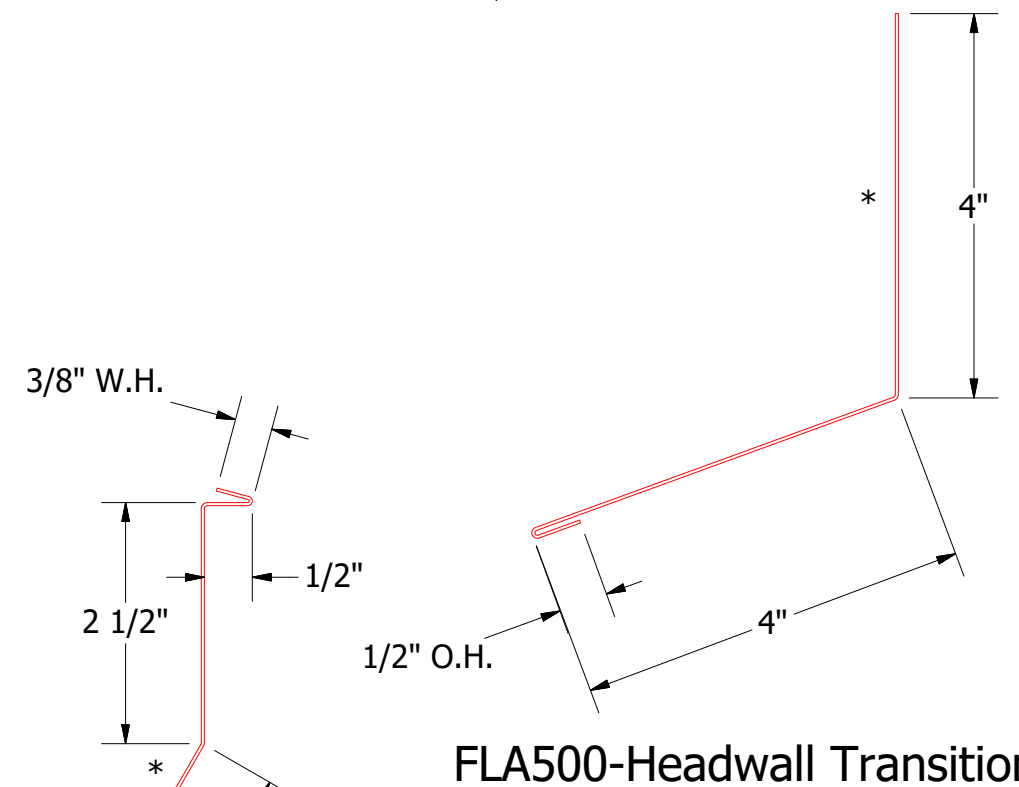
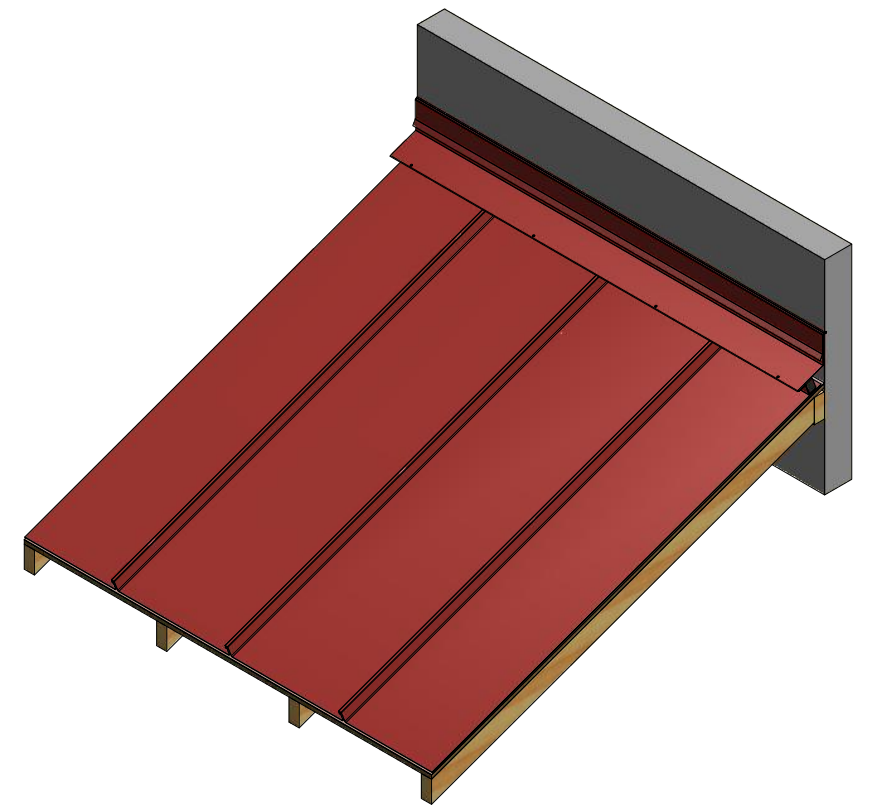
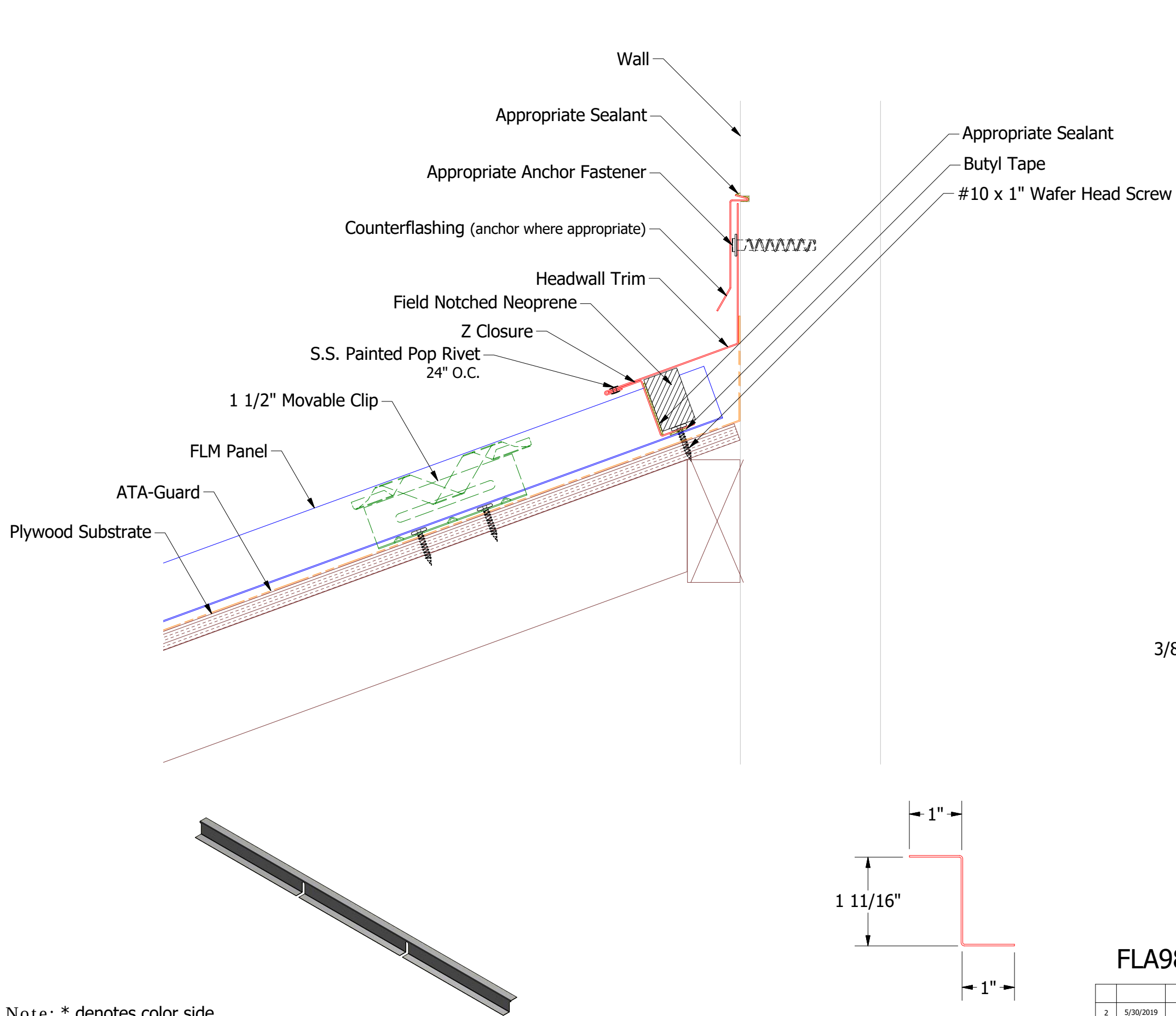


180° Seam Pre Notched Z Closure - Hip



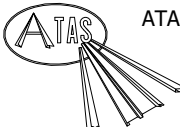
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				TITLE	
				FLM Factory Pre Notched Z Closures Detail	
		DWG. NO.		DR	DATE
				KRK	9/15/2014
				APP	DATE
		MATERIAL		SH. SIZE	SCALE
				B	X:X
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	

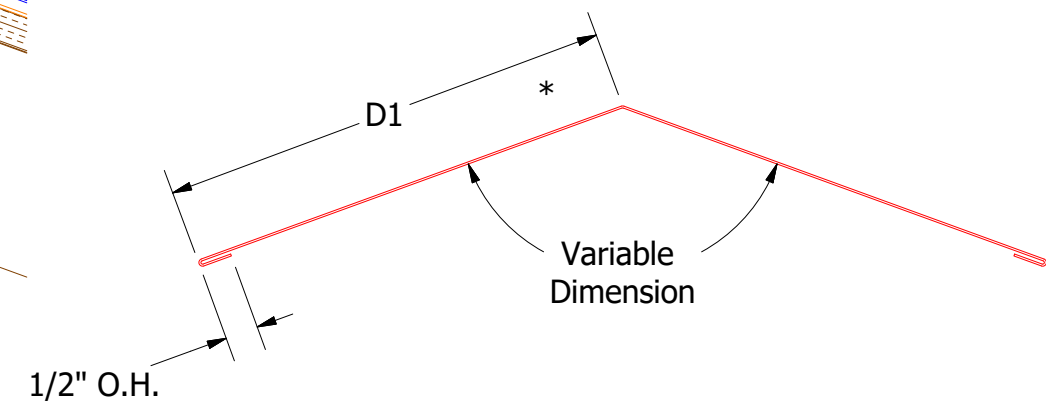
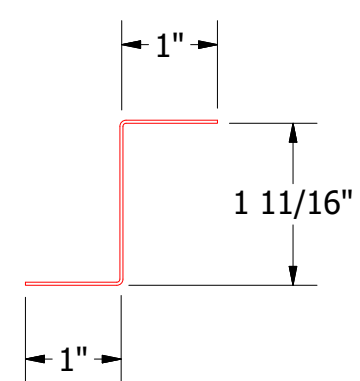
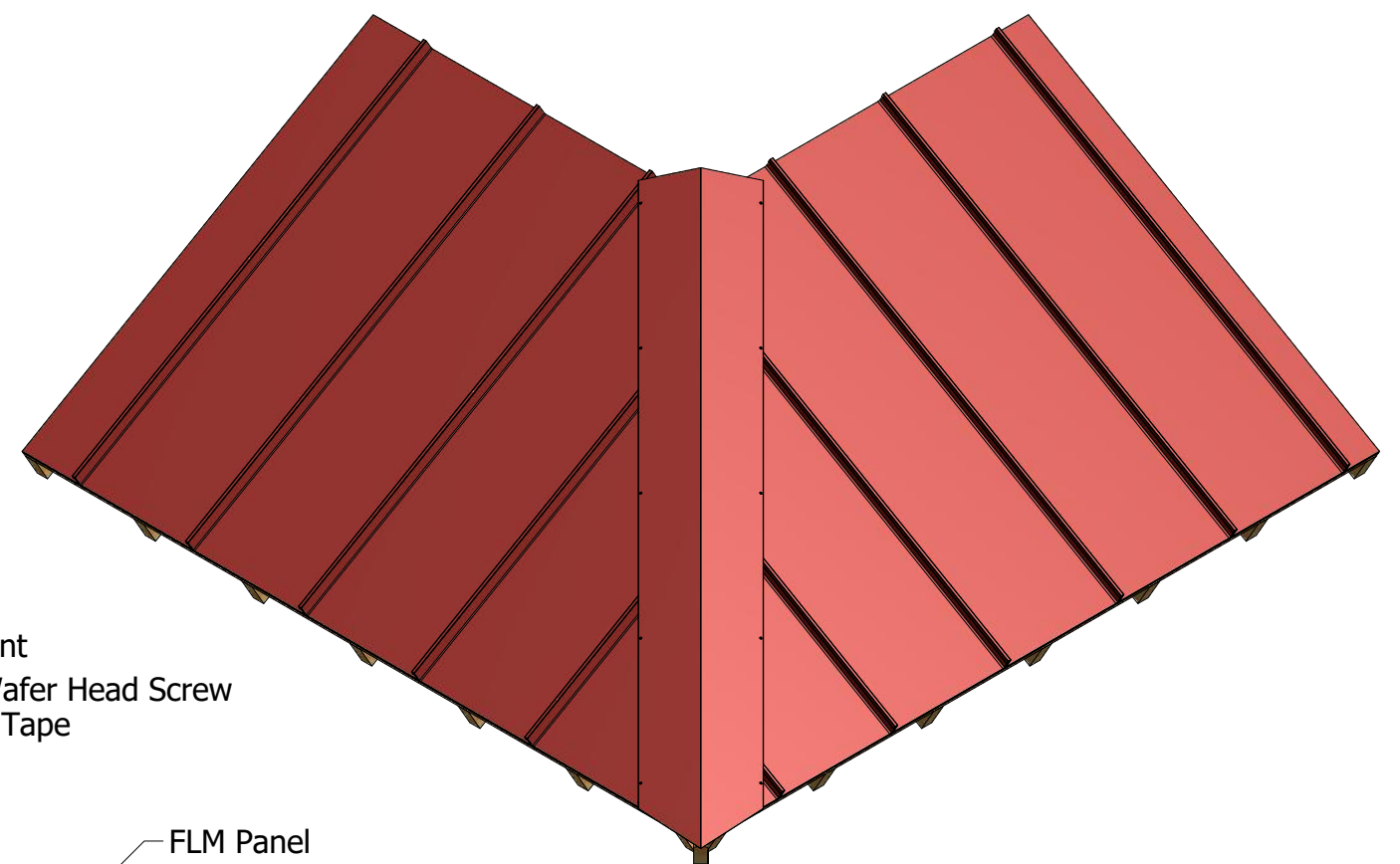


FLA980-Counterflashing

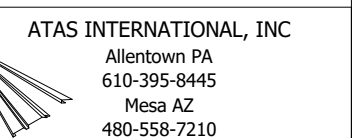
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		DR	DATE	SH. SIZE	SCALE
2		5/30/2019	Updated Clip Information	AJZ	KRK	FLM Headwall Detail		KRK	9/9/2014	B	X:X
1		6/20/18	Updating models and dimensions	JC				APP			


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



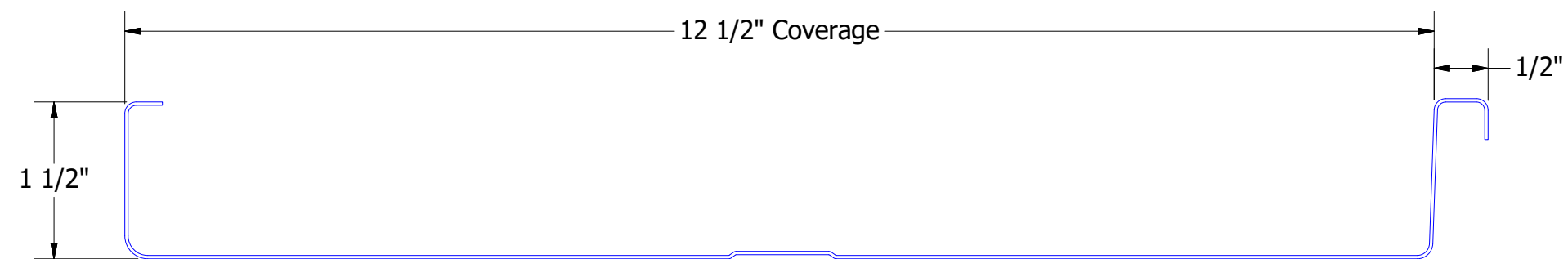
FLA315-2:12 to 6:12 Slope
D1=6"
FLA316-6:12 to 9:12 Slope
D1=7"
FLA317-9:12 to 12:12 Slope
D1=8"



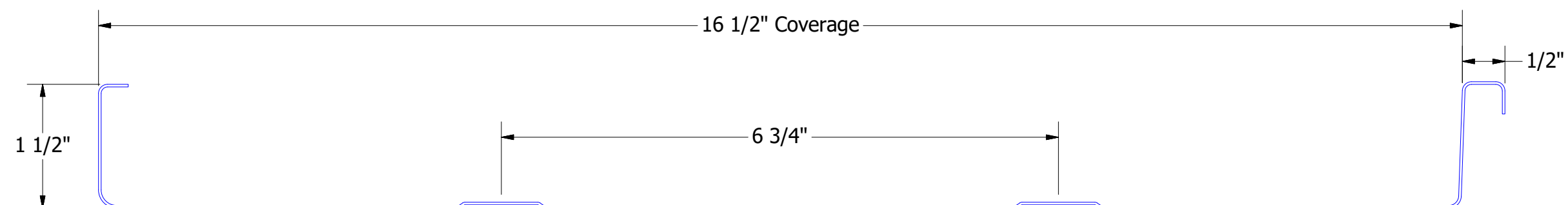
D1-8					TITLE			
2	5/30/2019	Updated Clip Information	AJZ	KRK	FLM Hip Detail			
1	6/20/18	Updated Titles	MBP		DWG. NO.		DR APP	KRK DATE 9/9/2014
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL		SH. SIZE B	SCALE X:X

Note: * denotes color side.

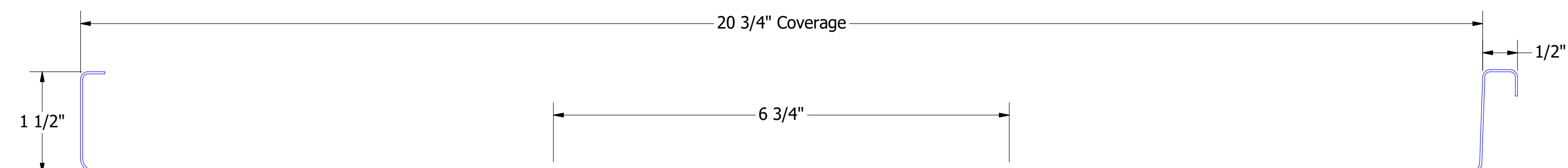
Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.



FLM125



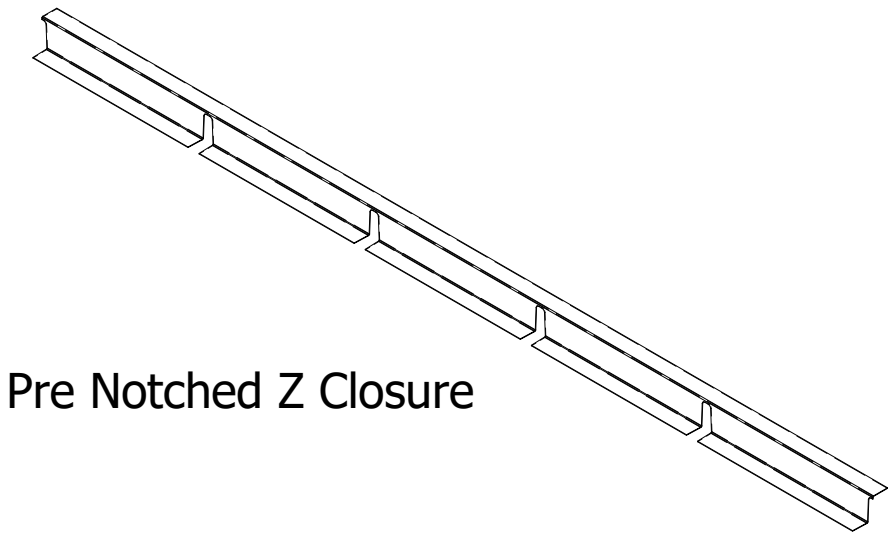
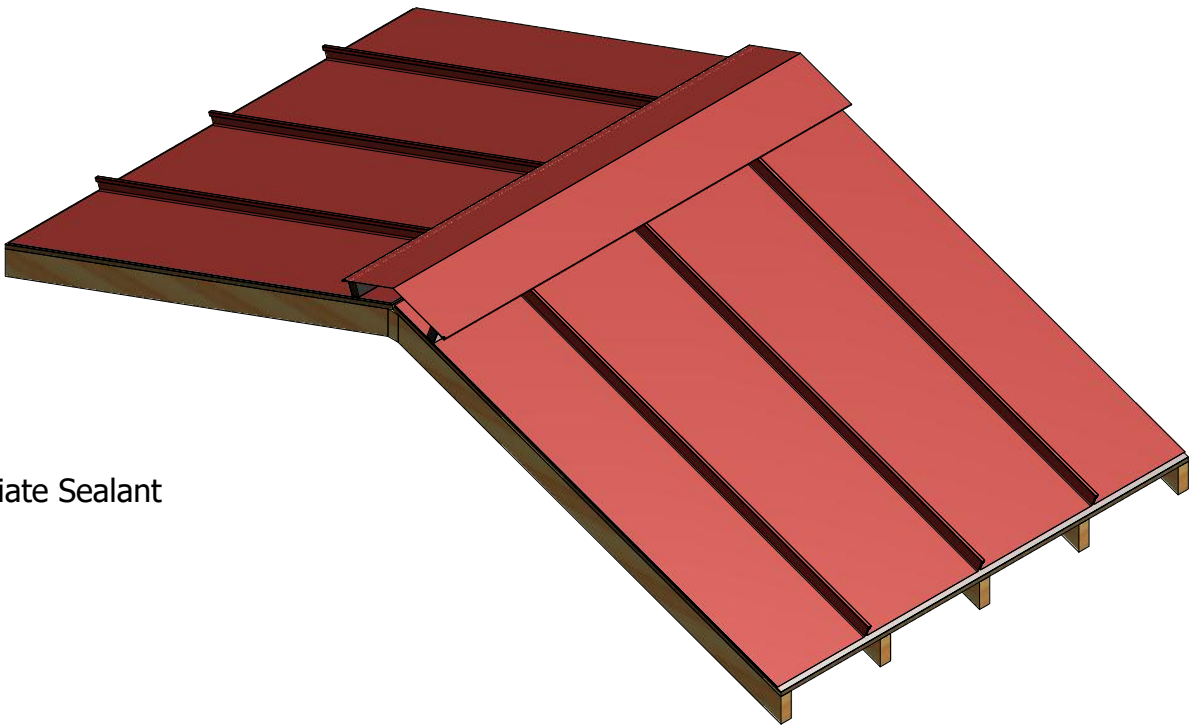
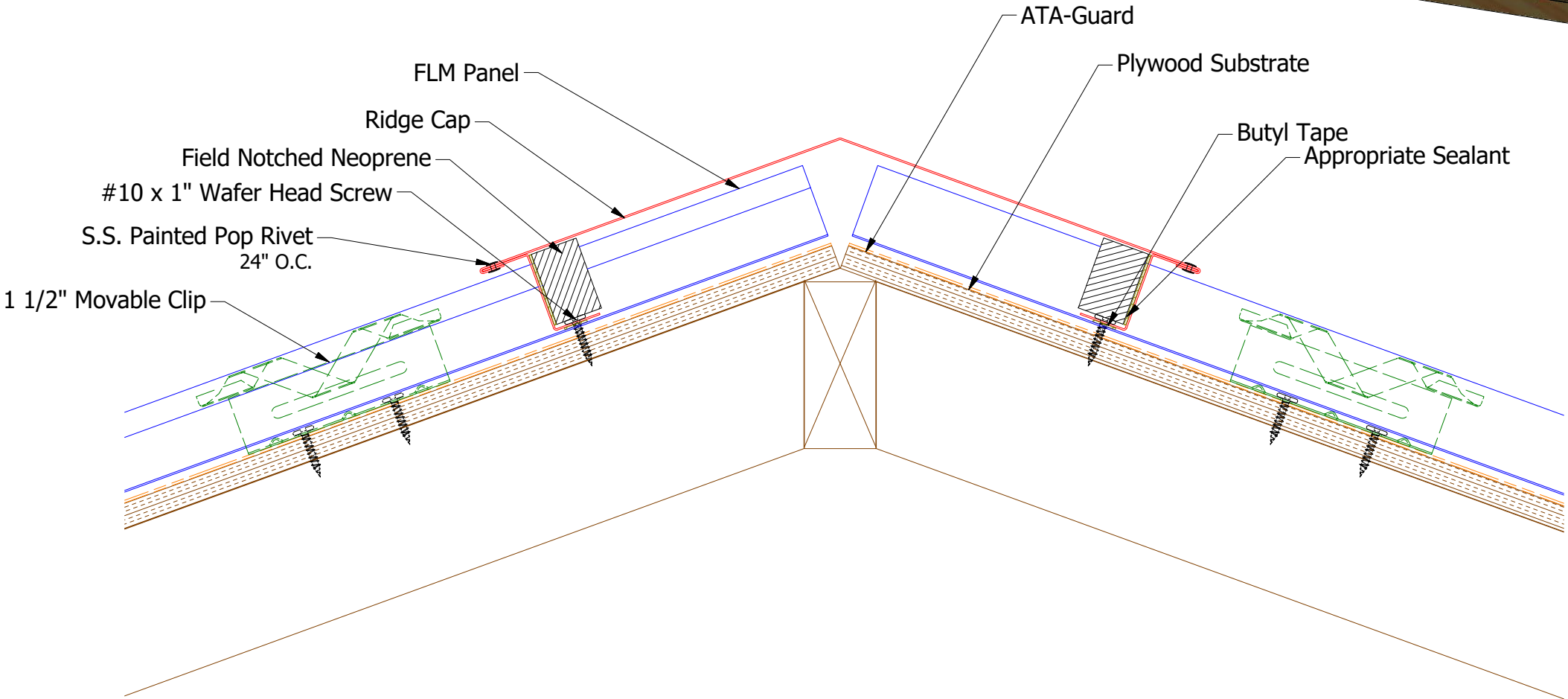
FLM165



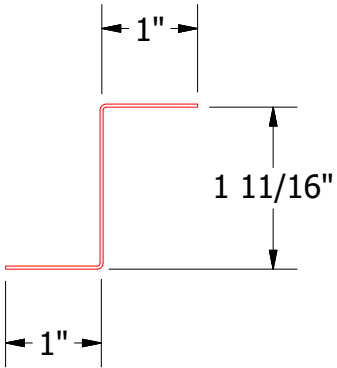
FLM207

Note: Plank Ribs Standard, Specify Without.

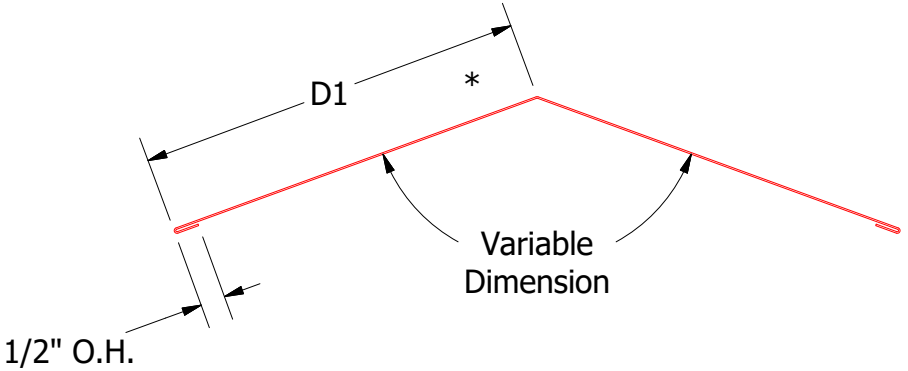
						TITLE 1.5inch Field-Lok Panel Profile Detail			
						DWG. NO.		DR KRK	DATE 12/15/2016
								APP	DATE
REV. NO.	DATE	DESCRIPTION OF REVISION		BY	APP	MATERIAL		SH. SIZE B	SCALE X:X



Pre Notched Z Closure



FLA916-Z Closure



Ridge Cap

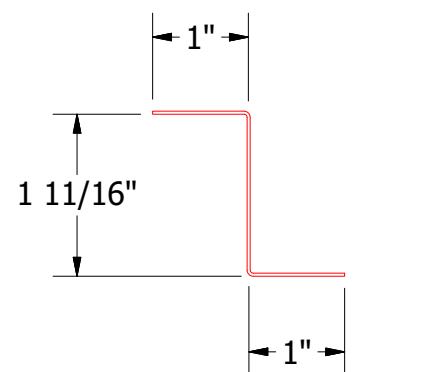
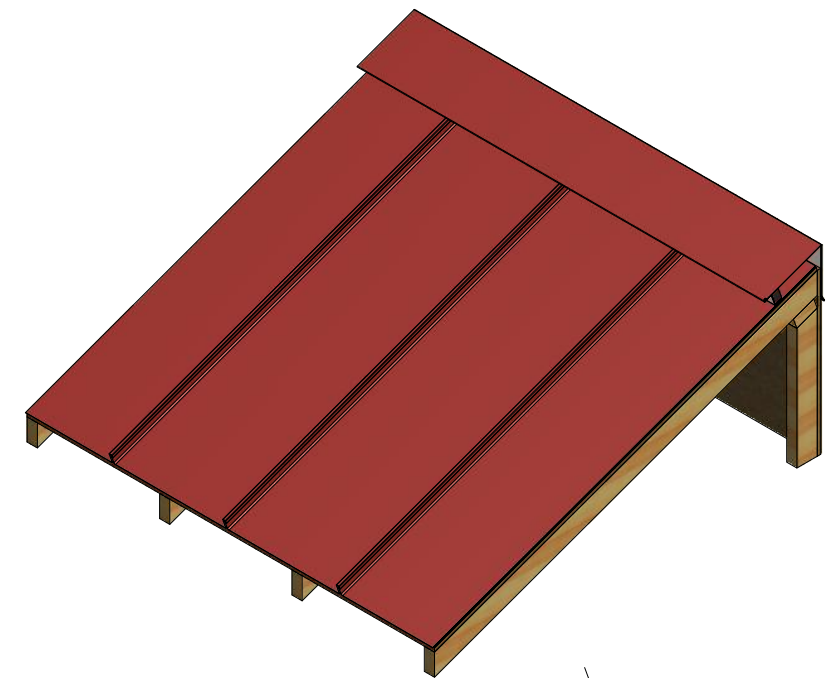
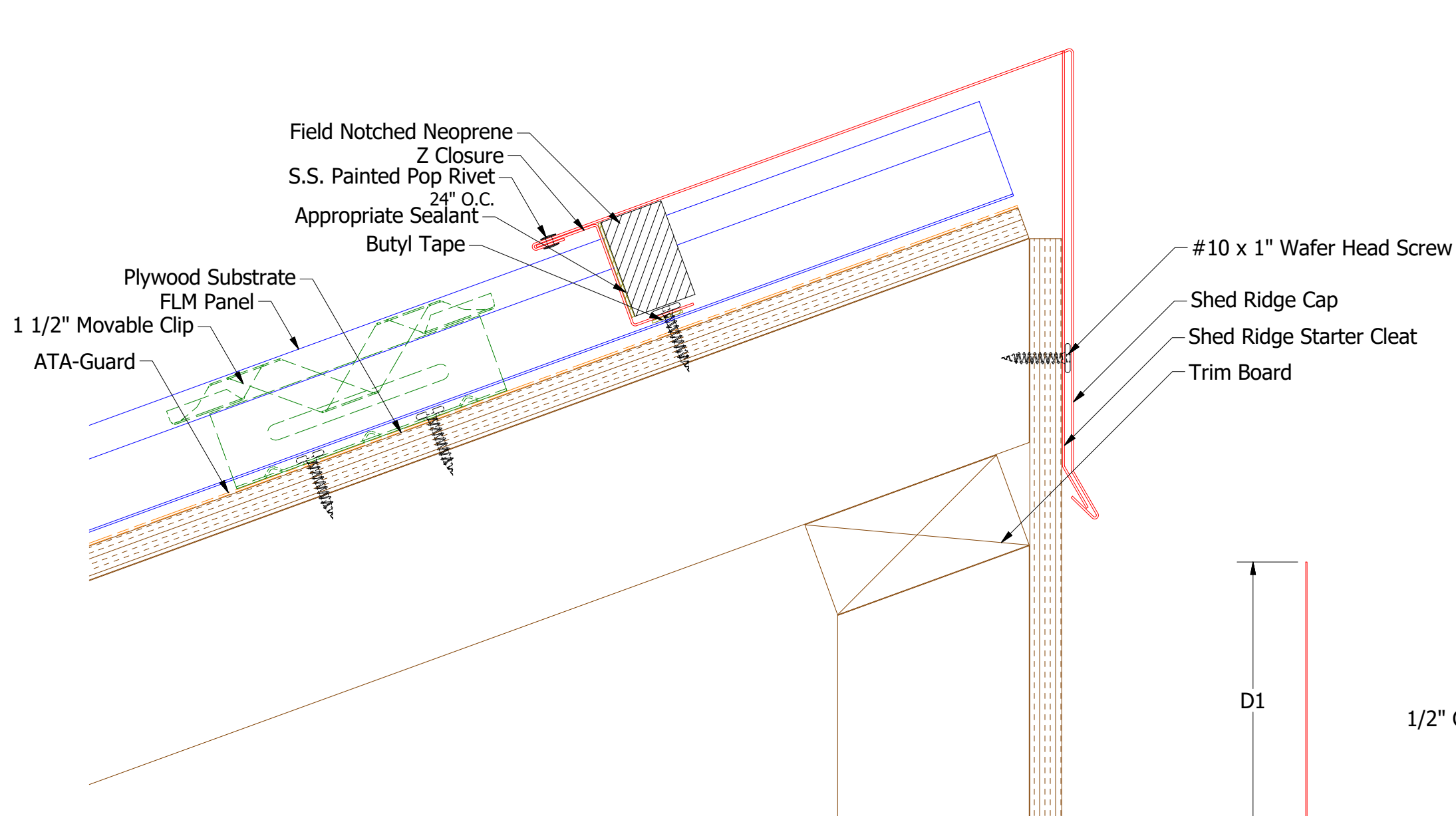
FLA301-2:12 to 6:12 Slope
D1=7"

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

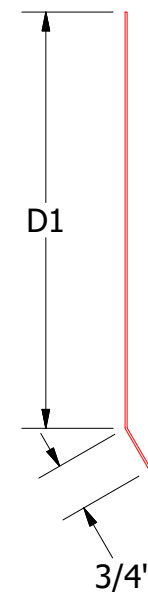
FLA303-9:12 to 12:12 Slope
D1=9"

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

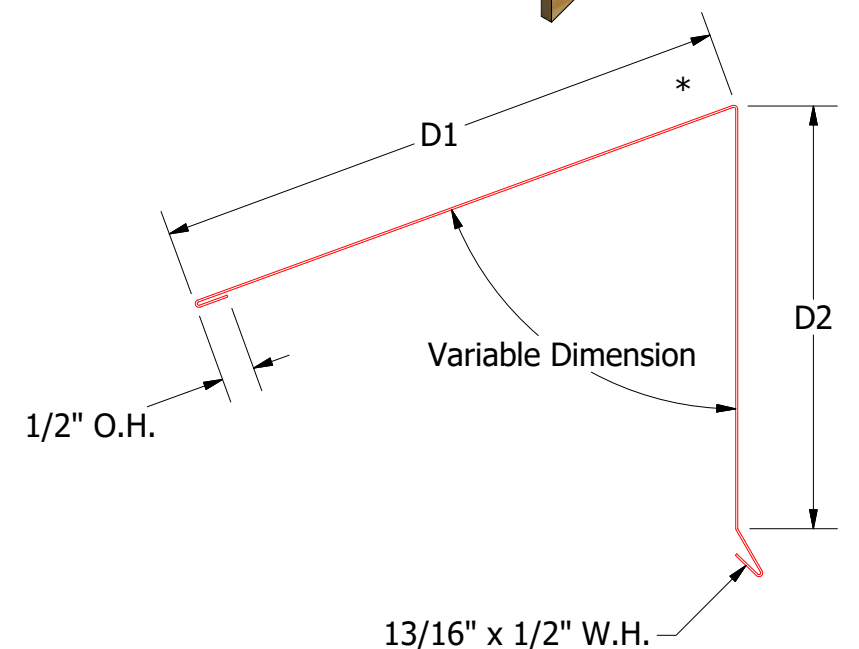


FLA916-Z Closure



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"



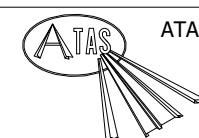
FLA346-Shed Ridge Cap

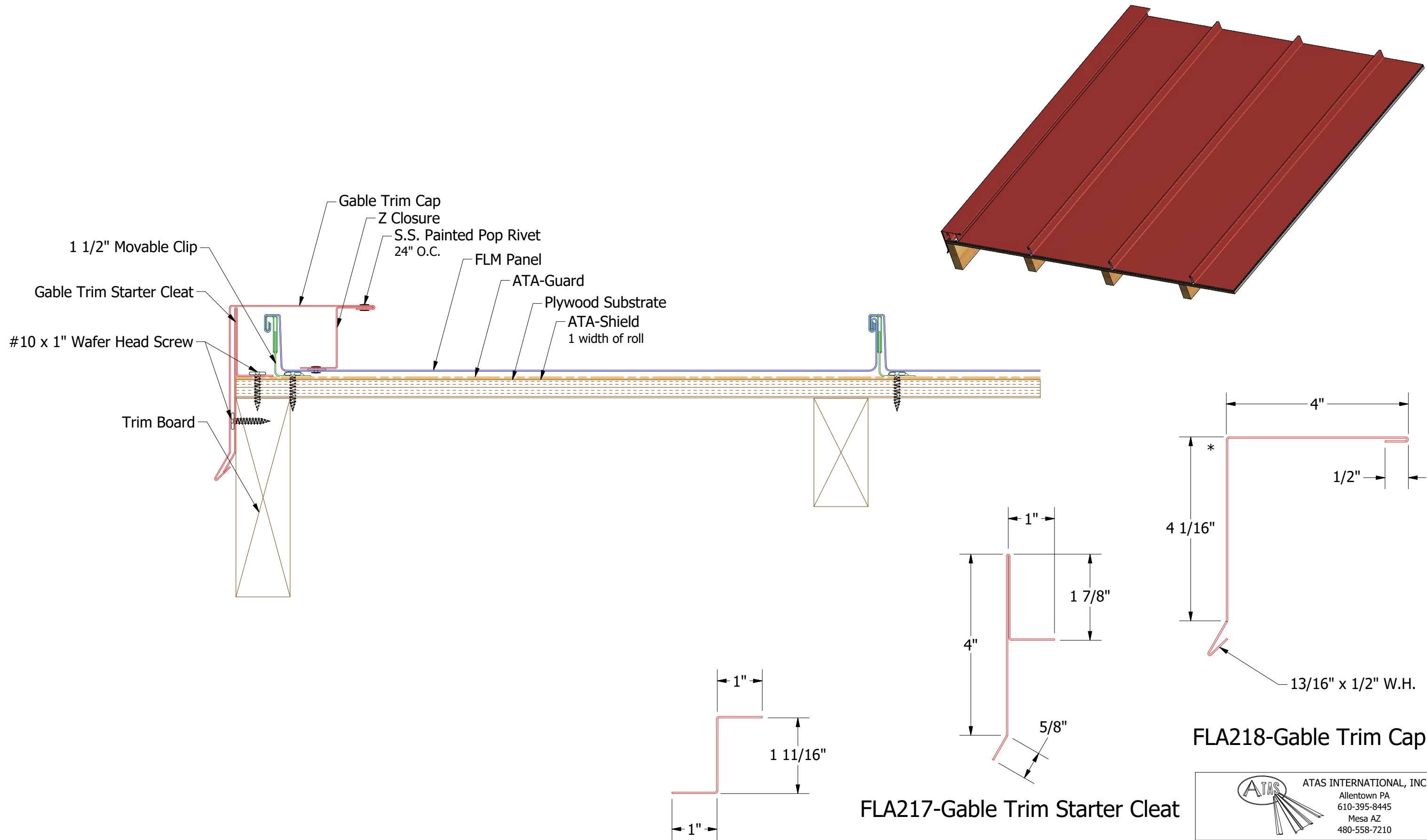
FLA342 - 2:12 to 6:12 Slope
D1=7", D2=6.25"
FLA344 - 6:12 to 9:12 Slope
D1 = 8", D2=6.5"
FLA346 - 9:12 to 12:12 Slope
D1 = 9", D2=6.75"

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	DATE
1	6/20/18	Updated Substrate and Trims	MBP			KRK	9/9/2014
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	APP	DATE
						SH. SIZE	SCALE
						B	X:X


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Note: * denotes color side.

FLA916-Z Closure

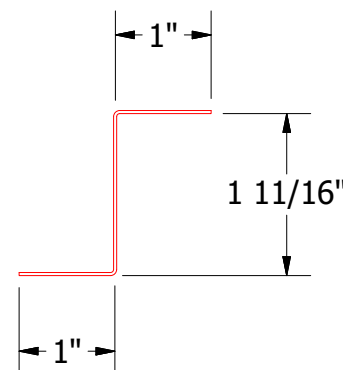
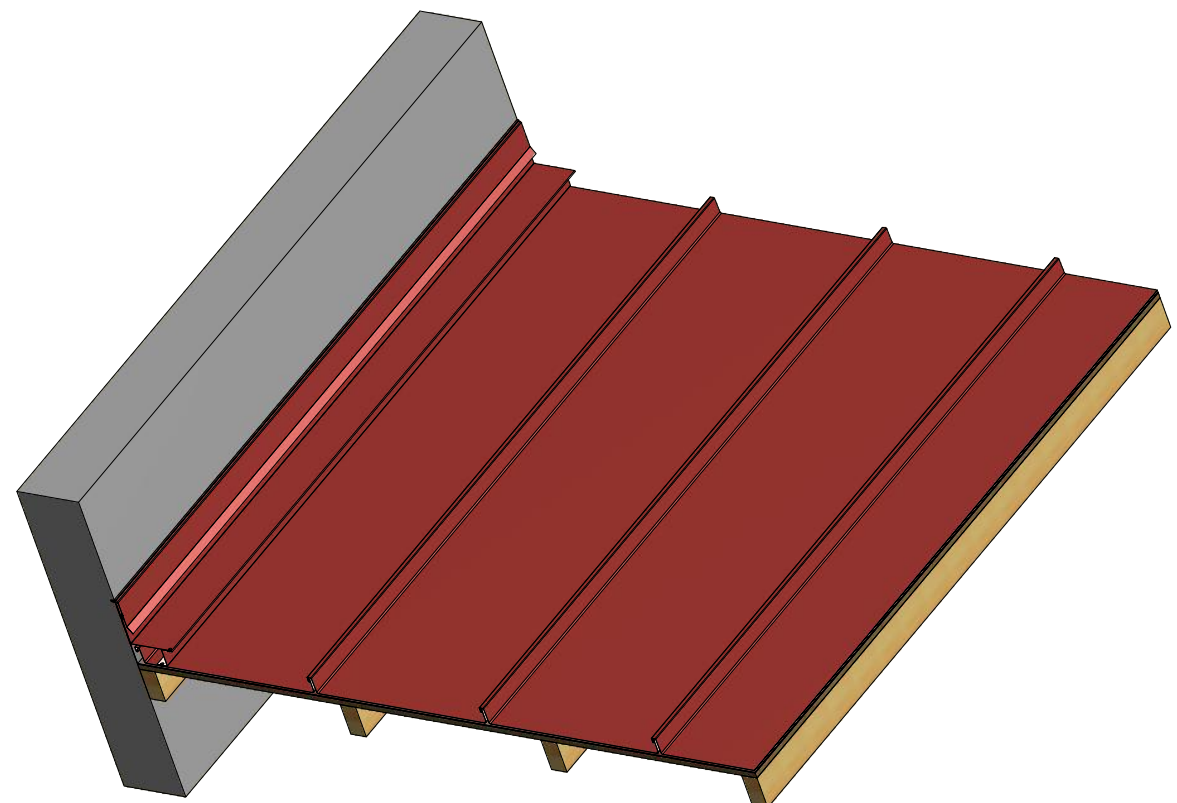
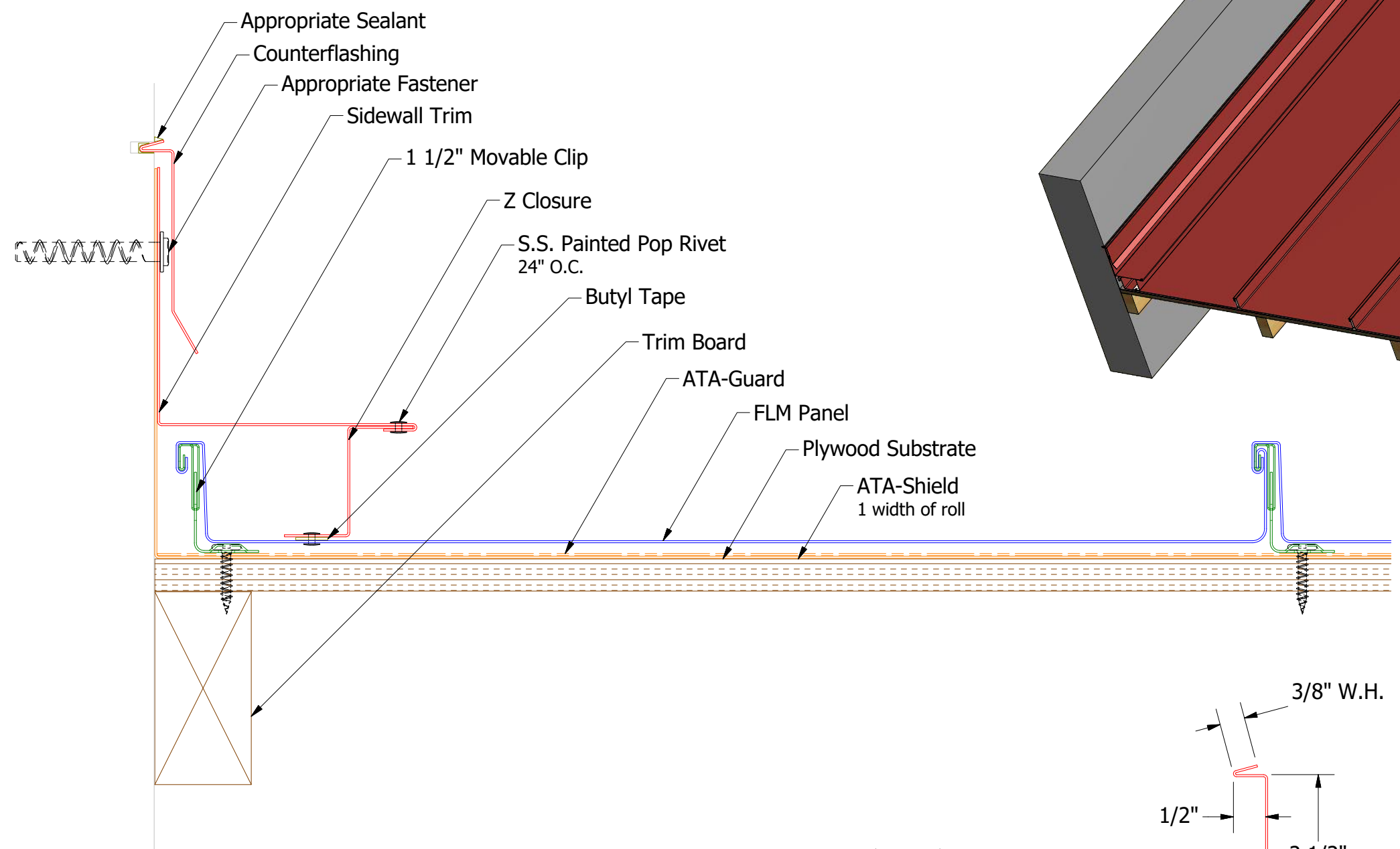
FLA217-Gable Trim Starter Cleat

FLA218-Gable Trim Cap

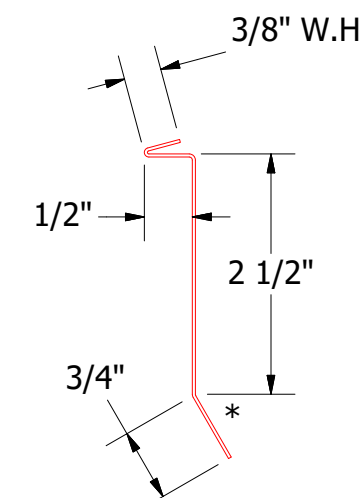
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	TITLE		
2	5/30/2019		Updated Clip Information	AJZ	KRK	FLM Starting Gable Detail		
1	6/20/18		Updated Substrate and Trims	MBP		DWG. NO.	DR	DATE
							KRK	9/11/2014
						MATERIAL	APP	DATE
							SH. SIZE	SCALE
							B	X:X



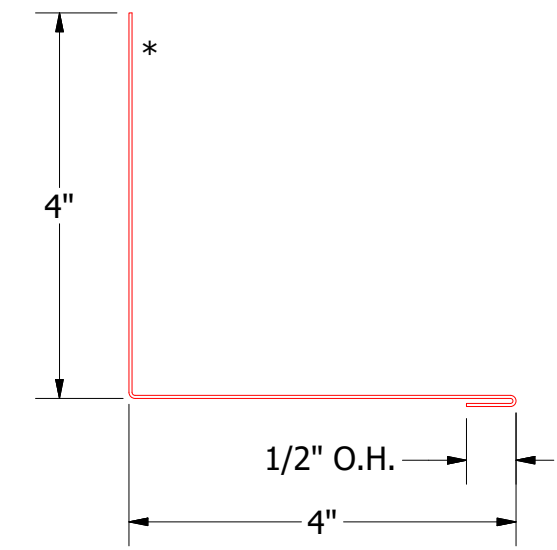
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FLA916-Z Closure

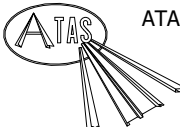


FLA980-Counterflashing



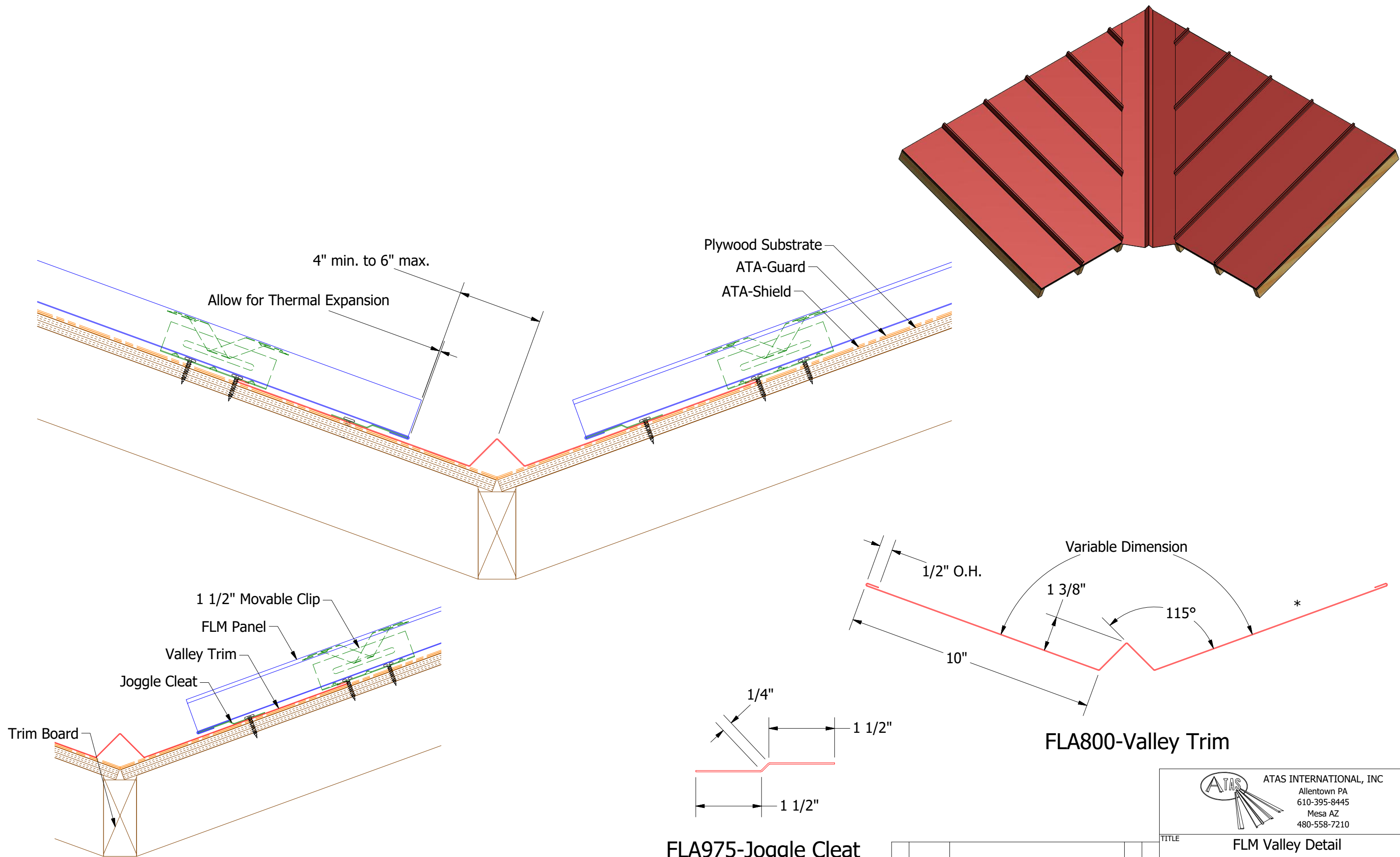
FLA410-Sidewall Trim

Note: * denotes color side.



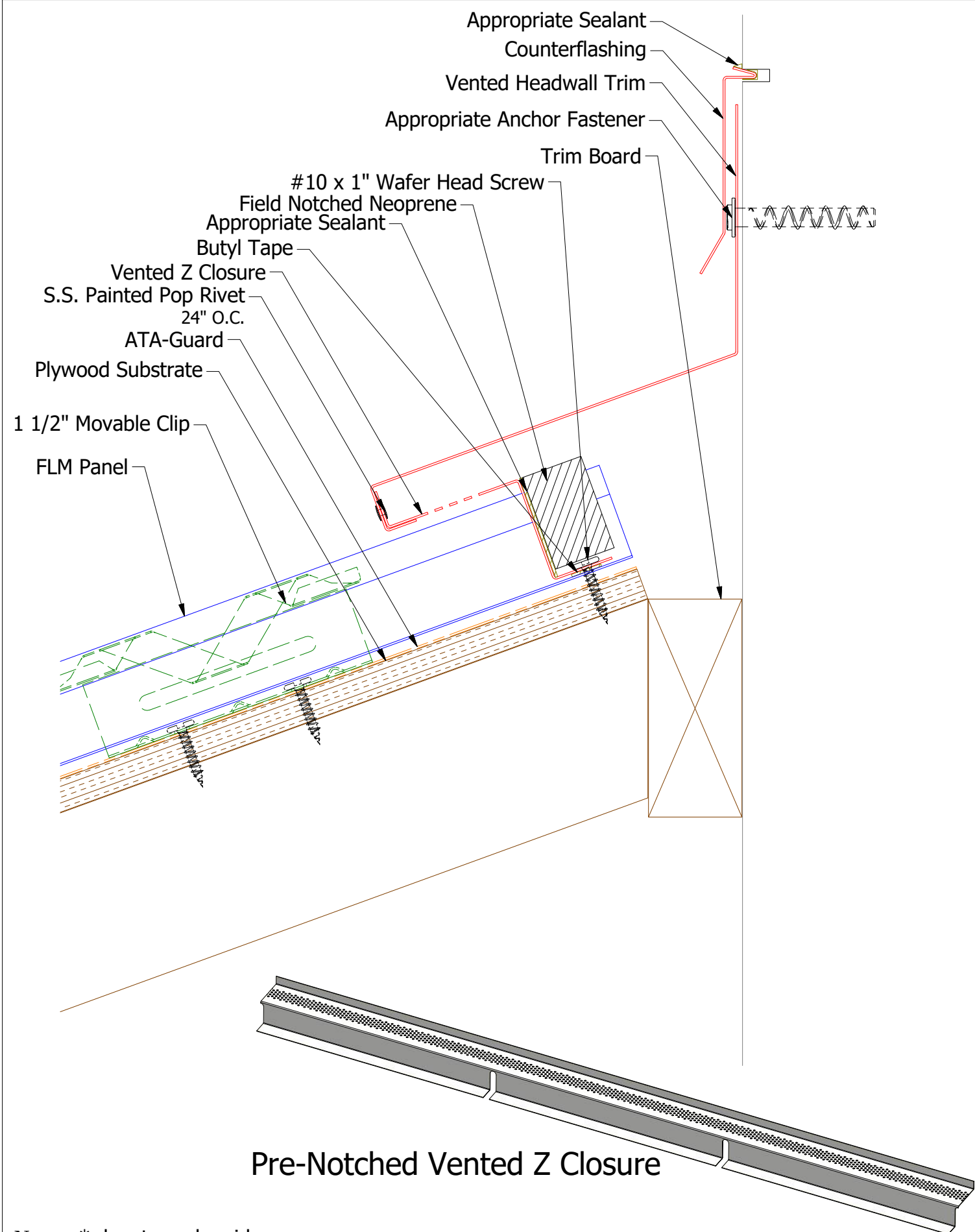
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Mesa AZ
480-558-7210

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



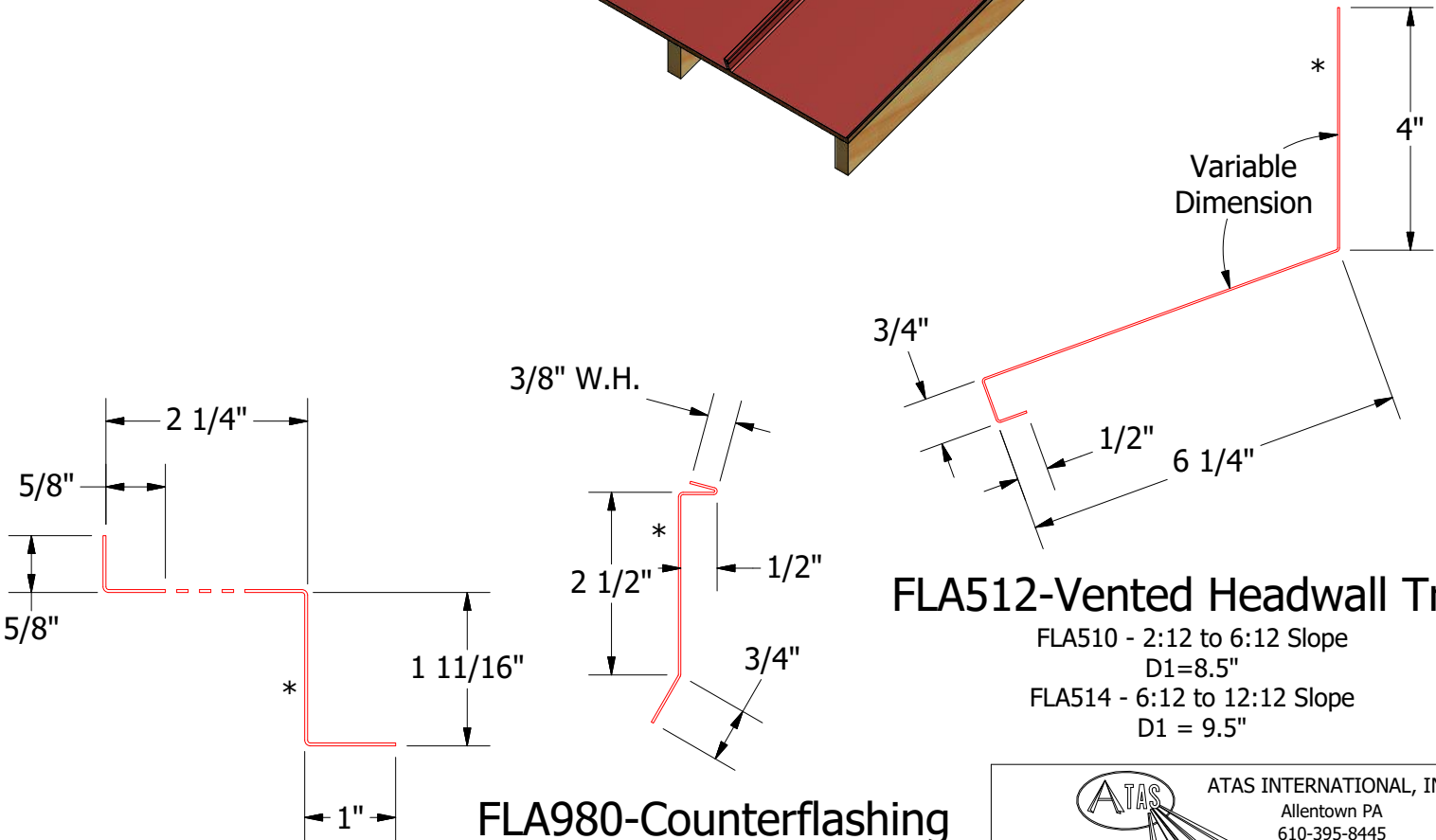
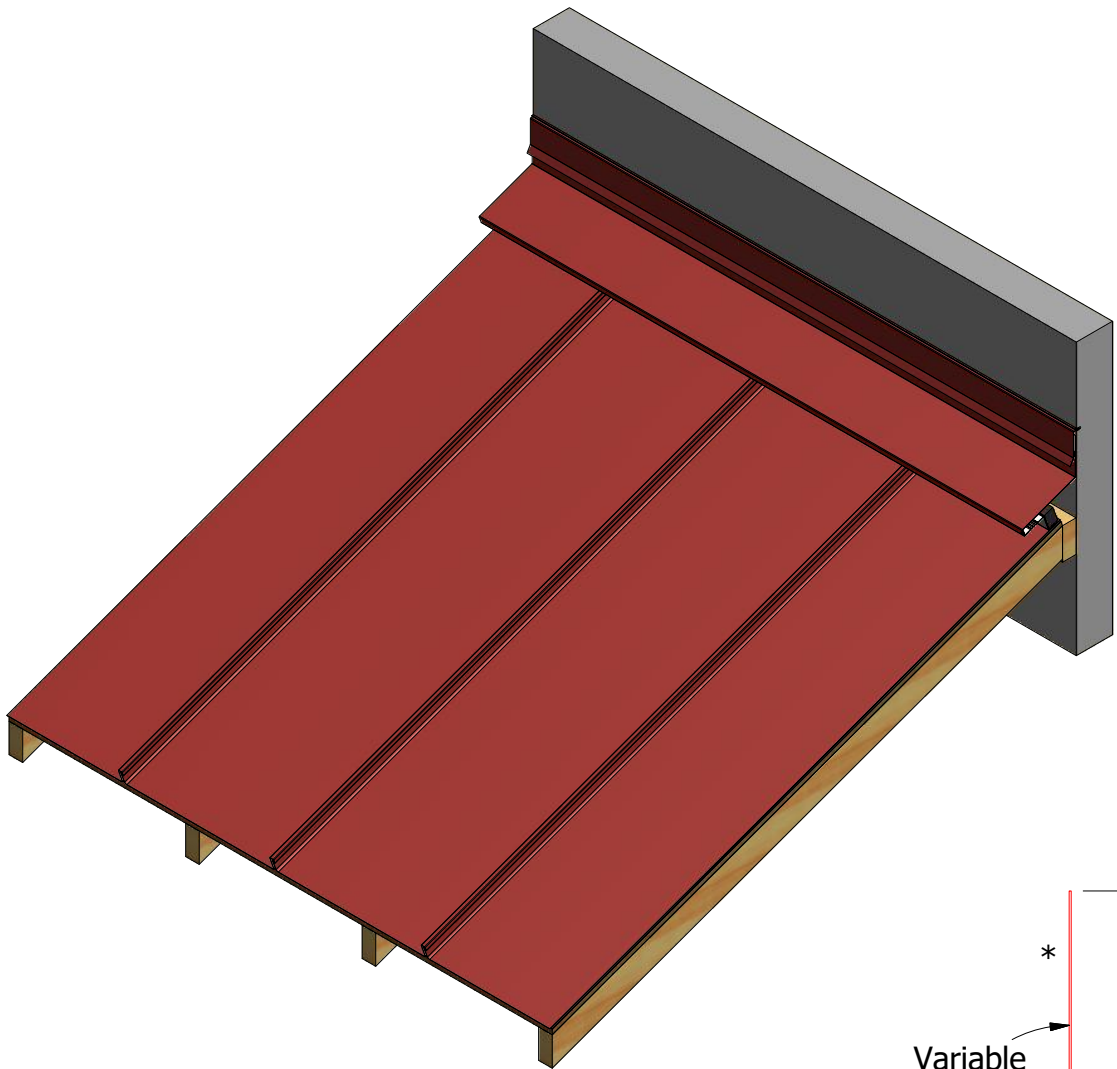
Note: * denotes color side.

						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				APP		DATE
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP		MATERIAL	SH. SIZE	B	SCALE X:X



Pre-Notched Vented Z Closure

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



Vented Z Closure

FLA980-Counterflashing

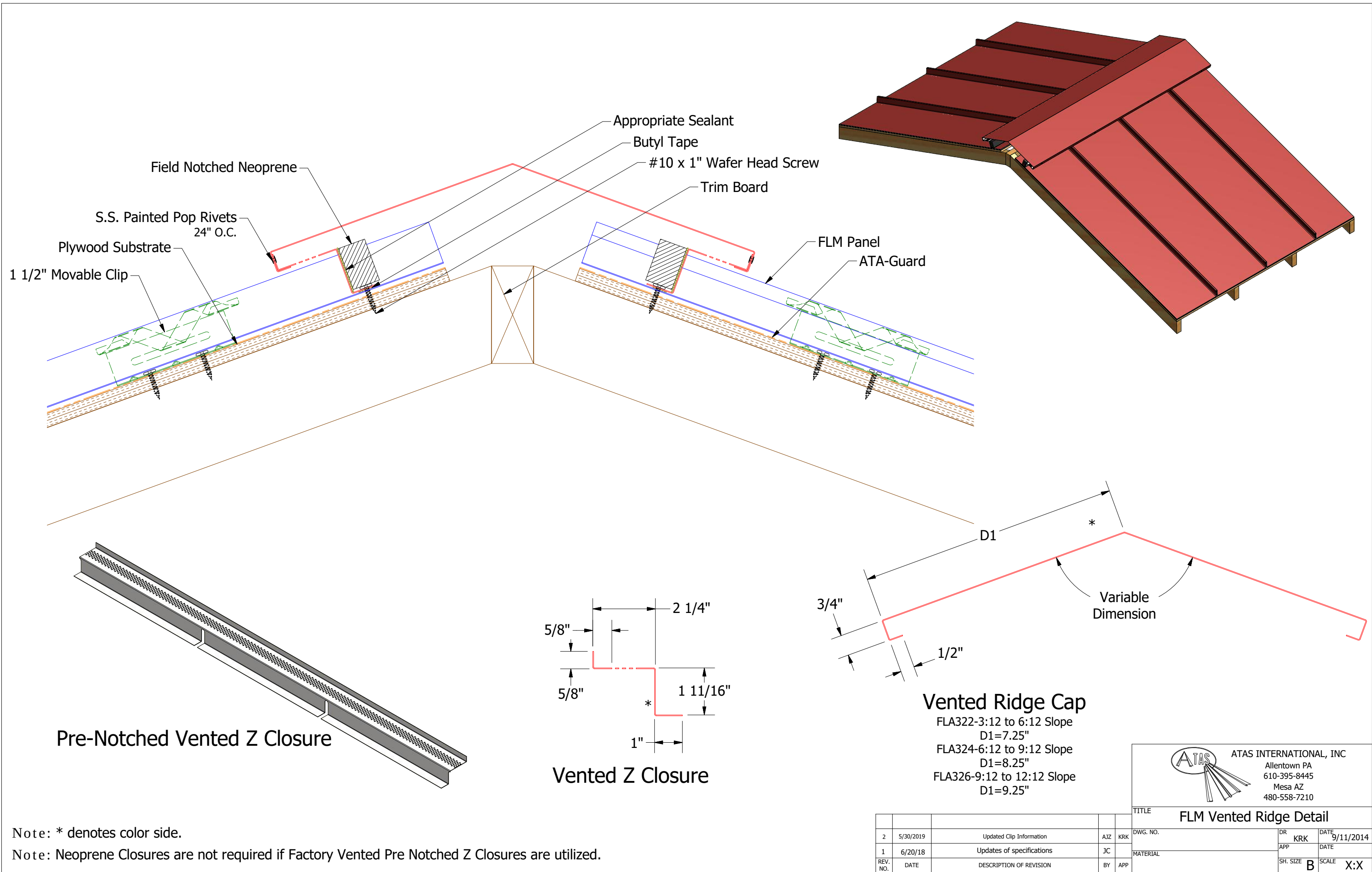
FLA512-Vented Headwall Trim
FLA510 - 2:12 to 6:12 Slope
D1=8.5"
FLA514 - 6:12 to 12:12 Slope
D1 = 9.5"

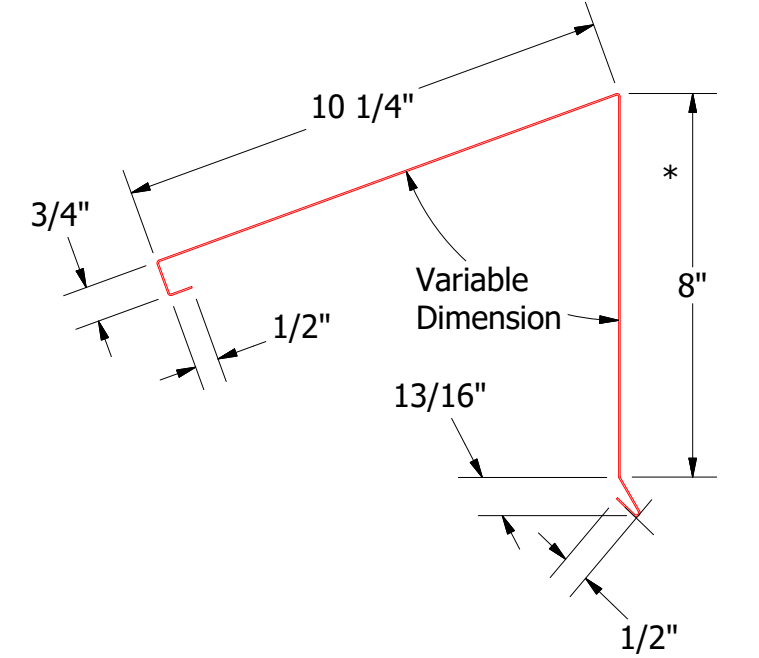
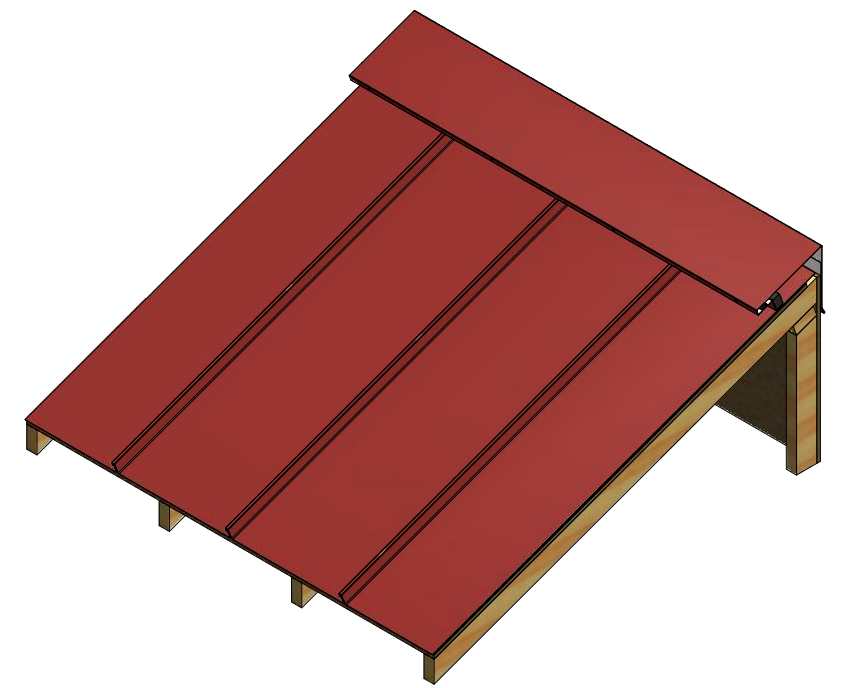
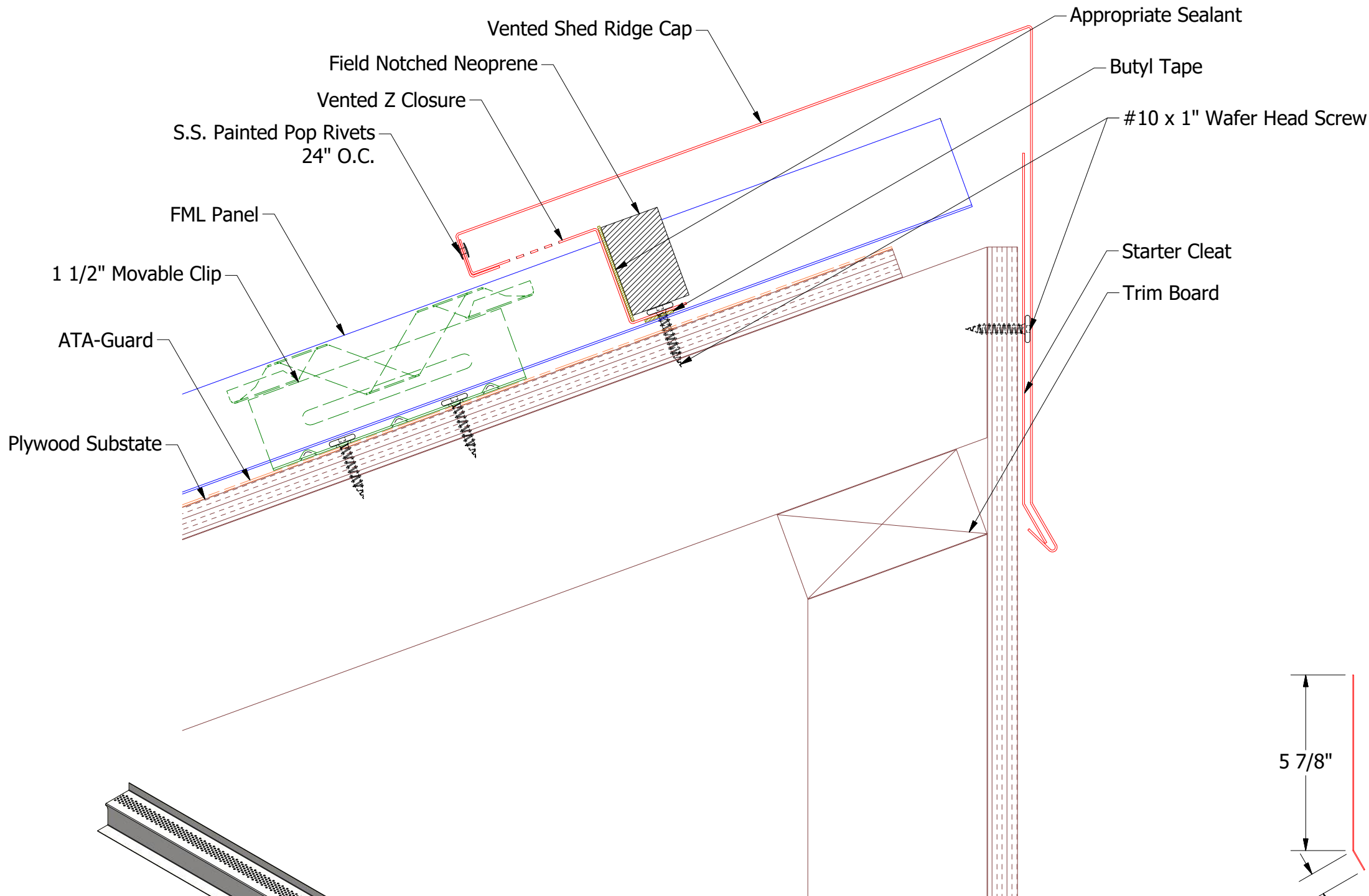
REV. NO.		DATE	DESCRIPTION OF REVISION	BY	APP	SH. SIZE		SCALE
2	5/30/2019		Updated Clip Information	AJZ	KRK			
1	6/21/18		Updated Substrate and Trims	MBP				

TITLE		DWG. NO.		DR	KRK	DATE	9/11/2014
FLM Vented Headwall Detail				APP		DATE	
				SH. SIZE	B	SCALE	X:X



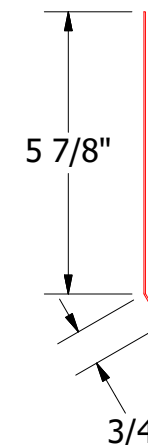
ATAS INTERNATIONAL, INC
Allentown PA
610-395-8445
Mesa AZ
480-558-7210





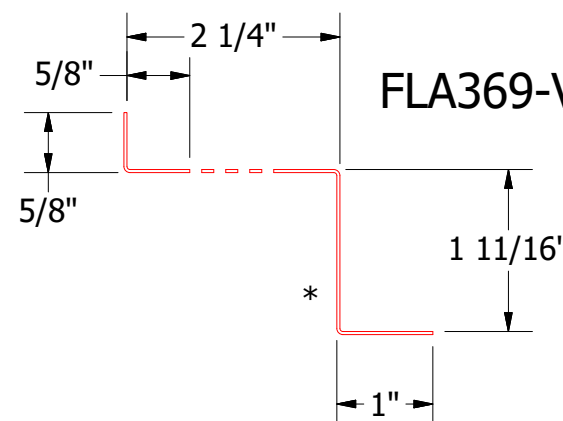
FLA366-Vented Shed Ride Cap

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			
DRK	DWG. NO.	DR KRK	DATE 9/11/2014
	MATERIAL	APP	DATE
PP		SH. SIZE B	SCALE X:X