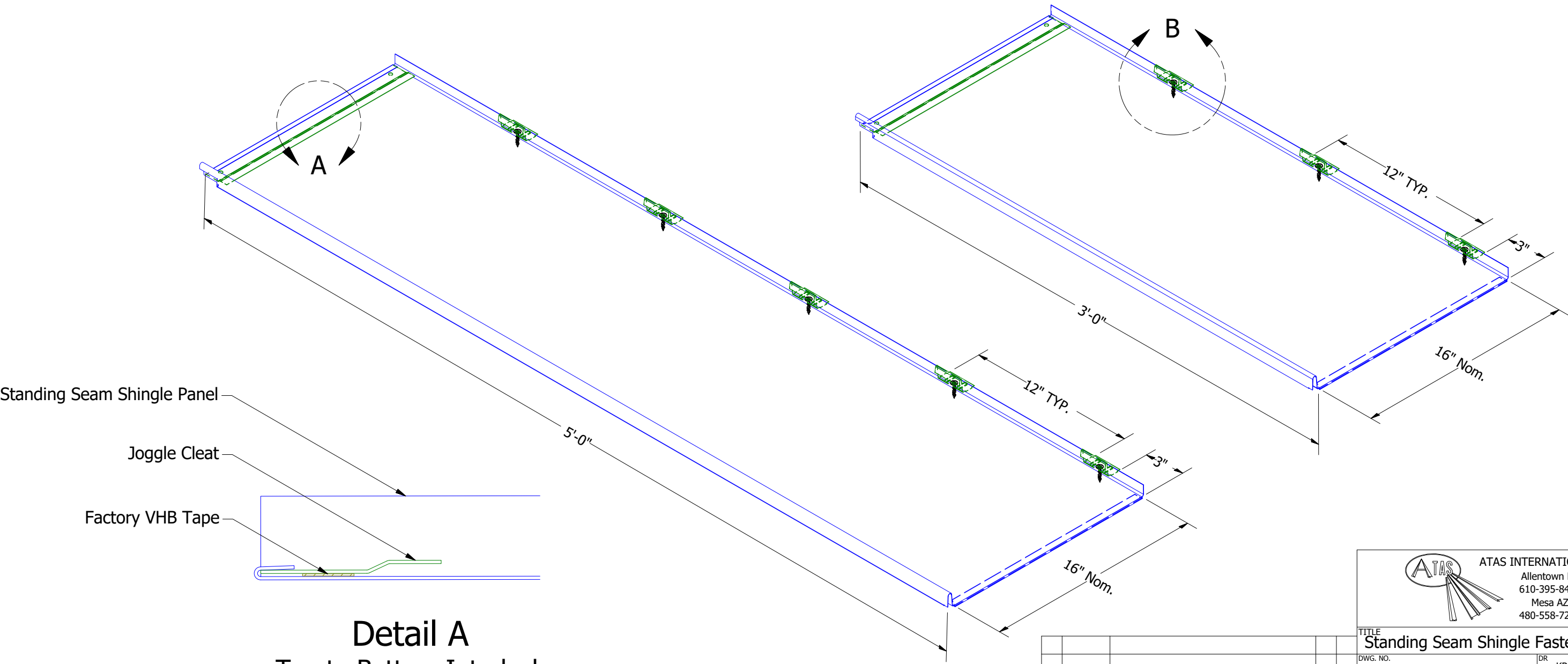
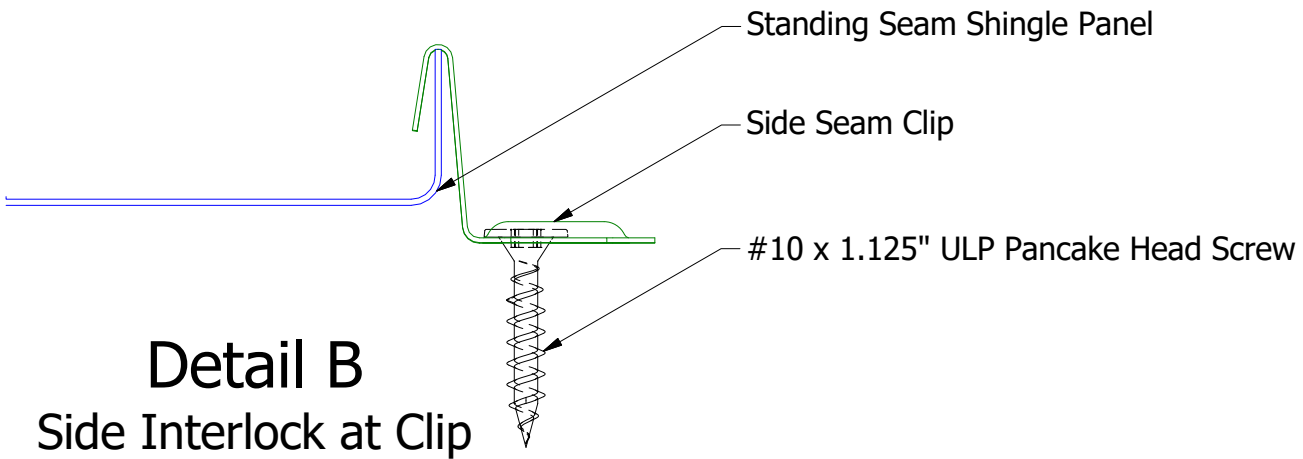
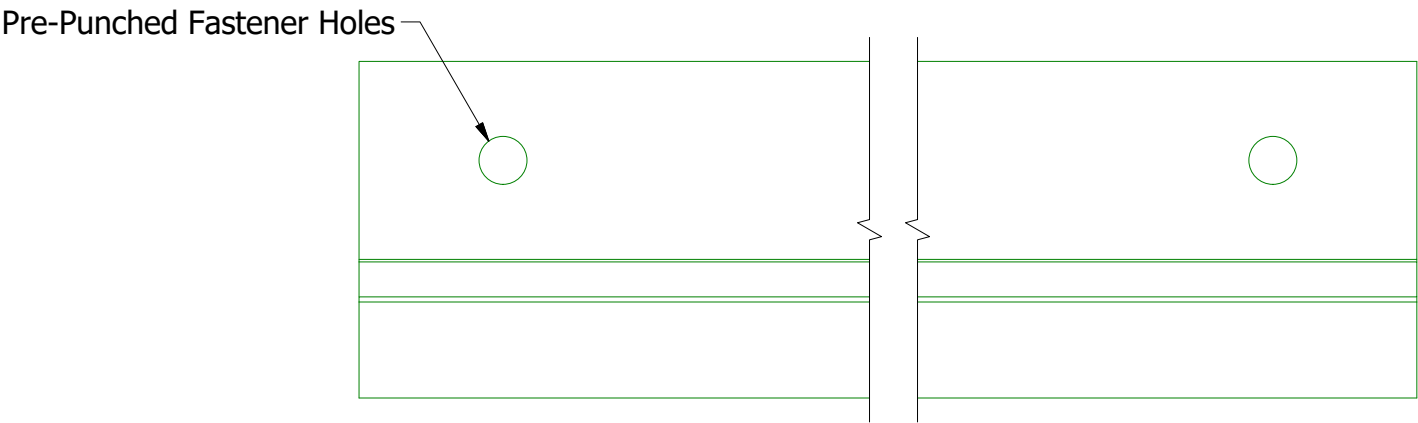
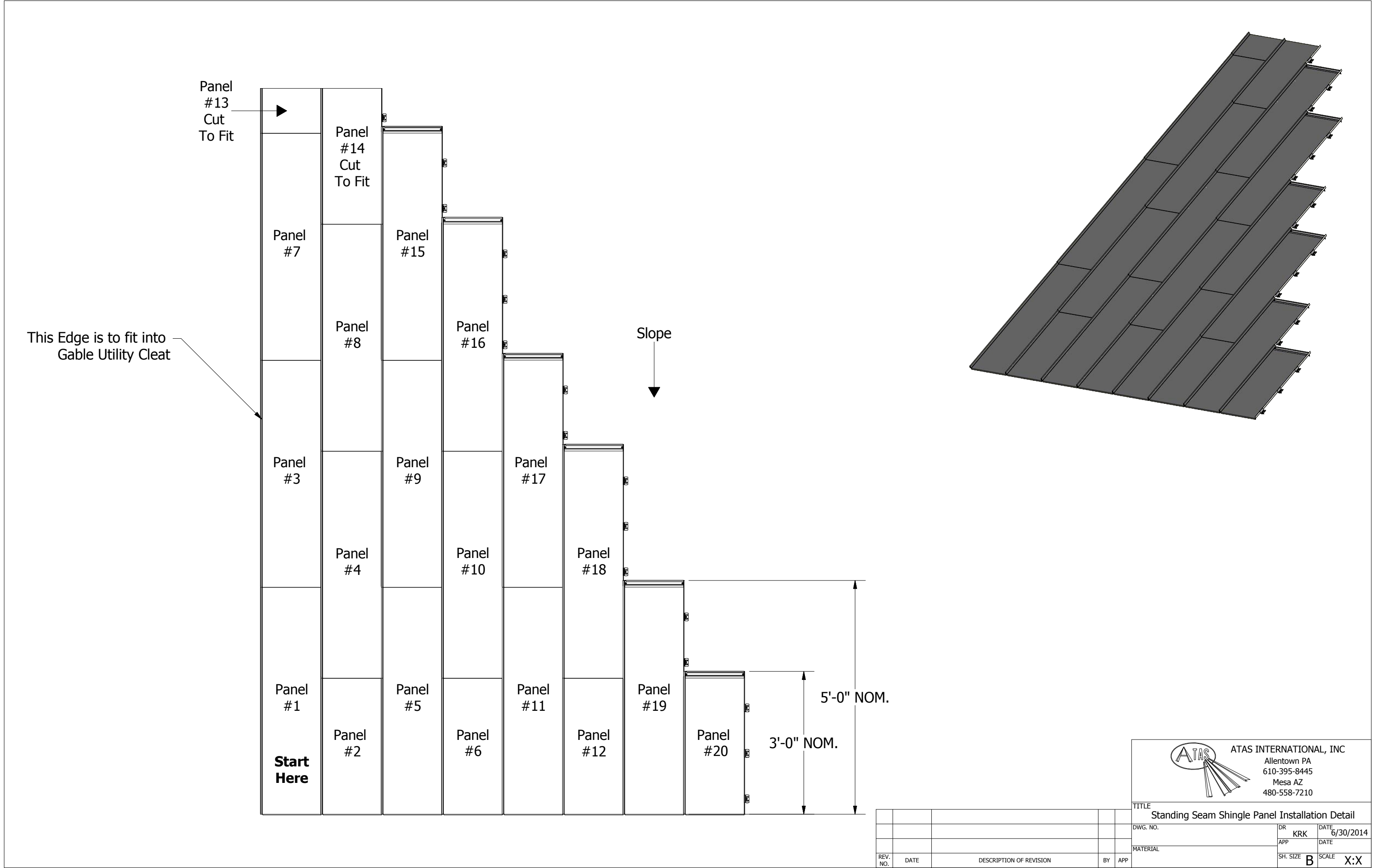
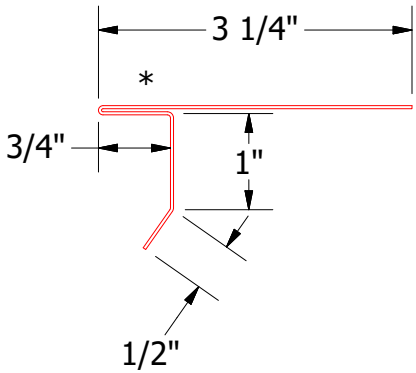
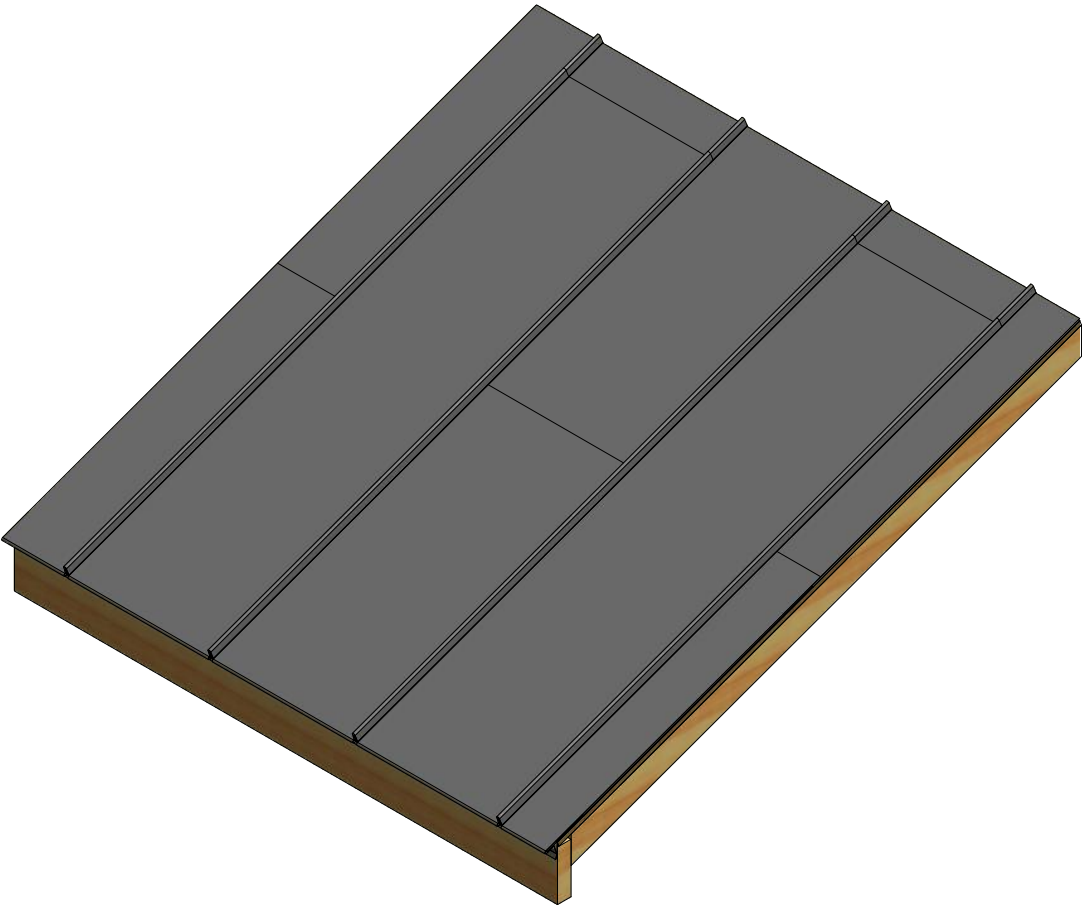
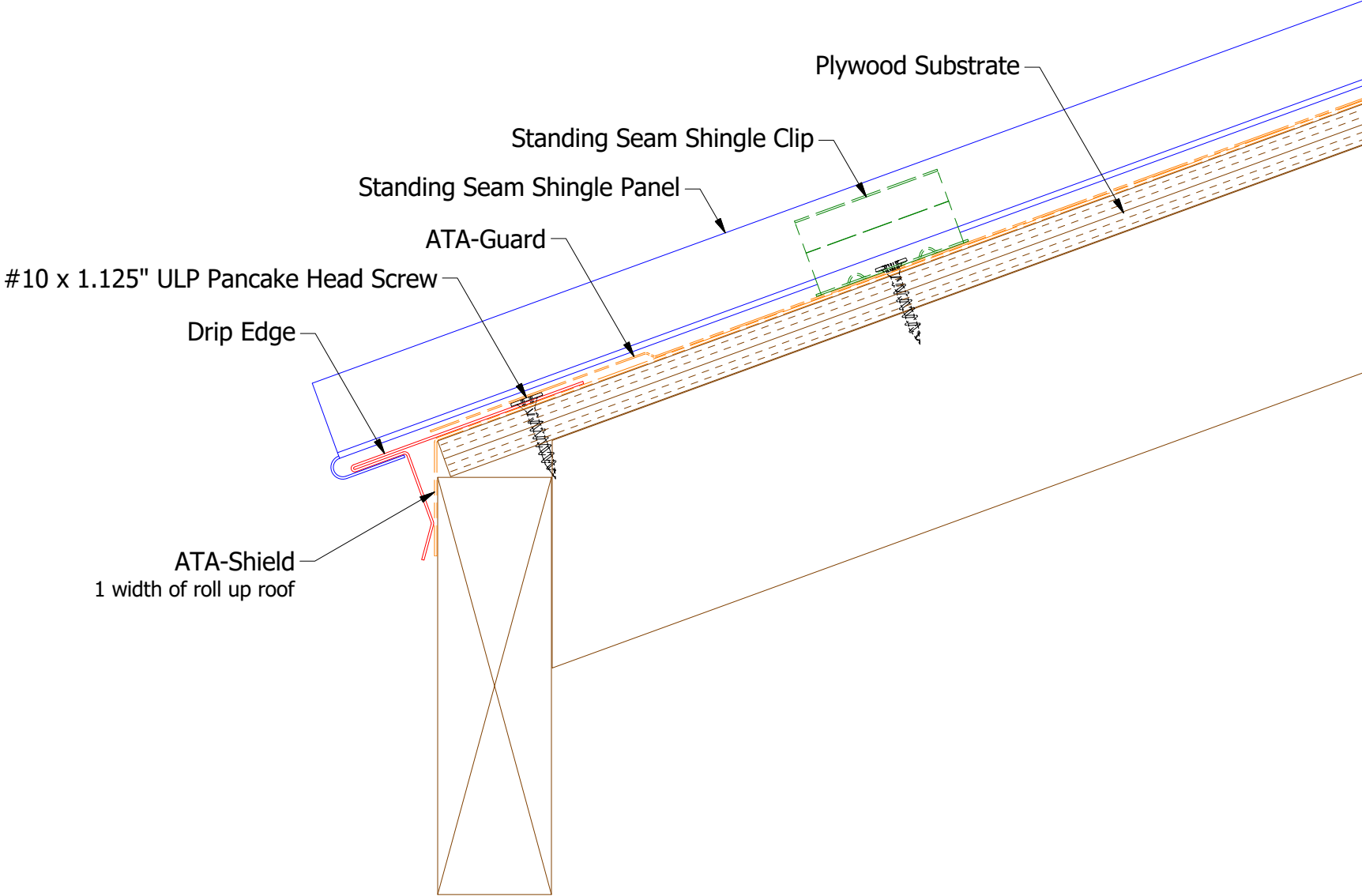




					Standing Seam Shingle Fastening Detail		
					DWG. NO.	DR	DATE
						KRK	9/8/2015
01	11/18/2020	Changed Fastener to ULP Pancake Head Fastener	KRK		MATERIAL	APP	DATE
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP		SH. SIZE	SCALE
						B	X:X





HSA112-Drip Edge

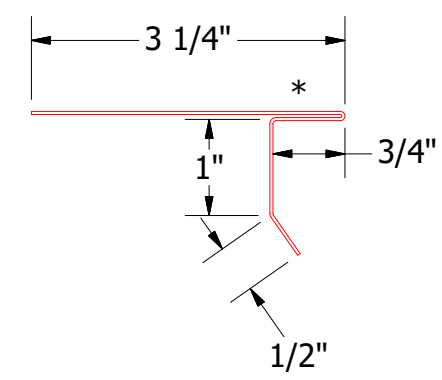
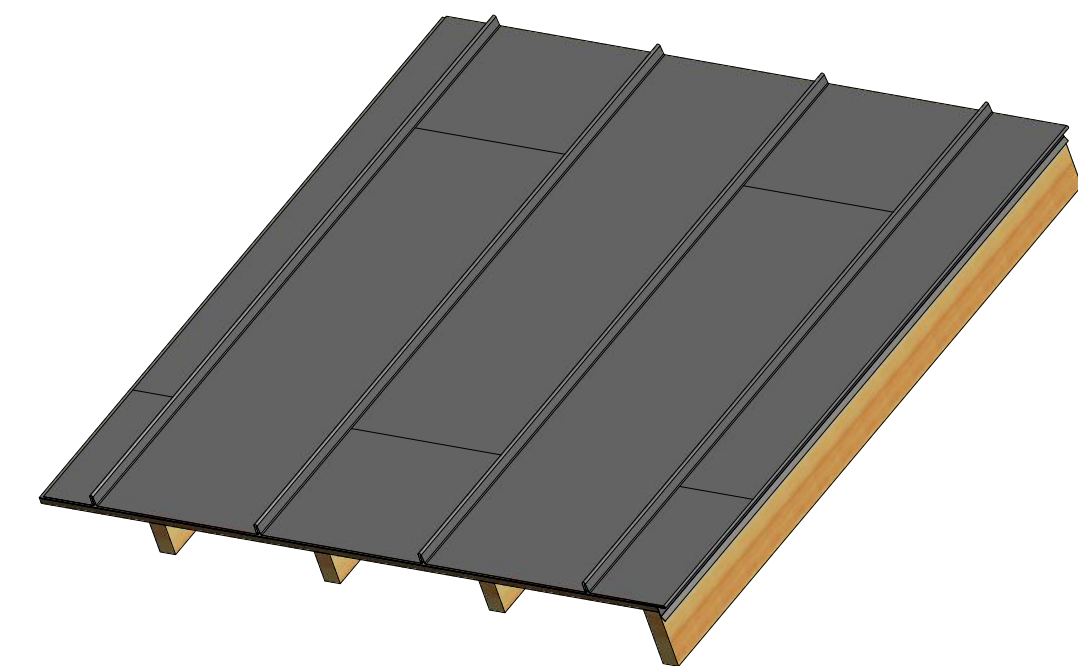
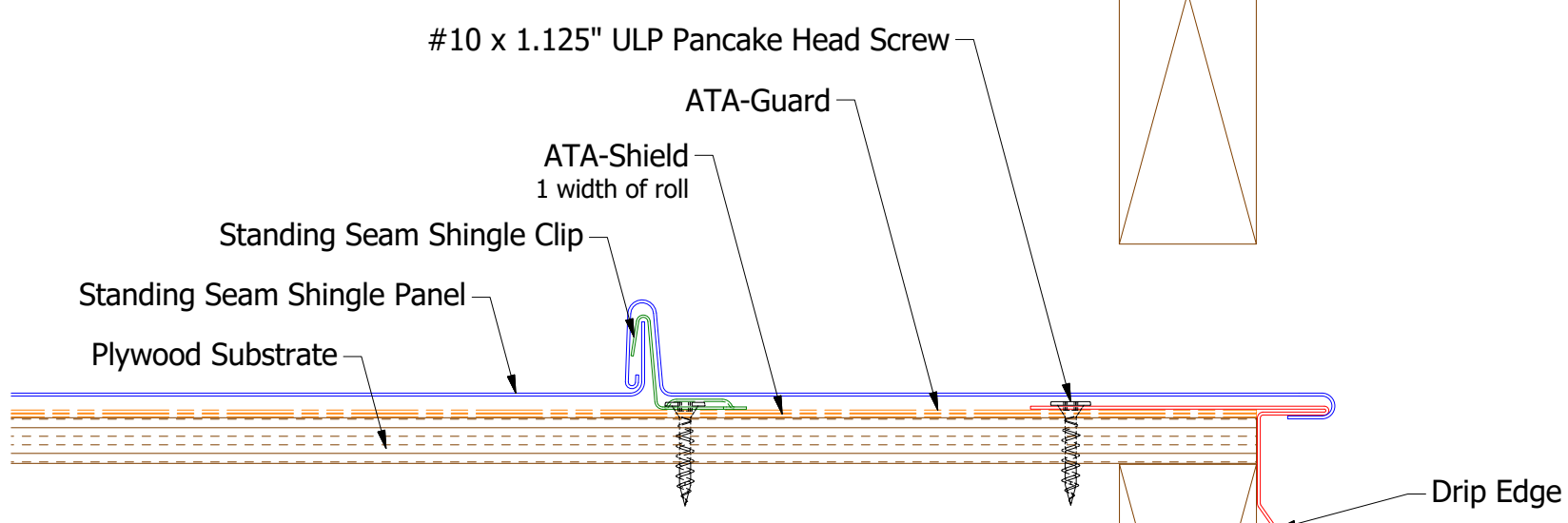
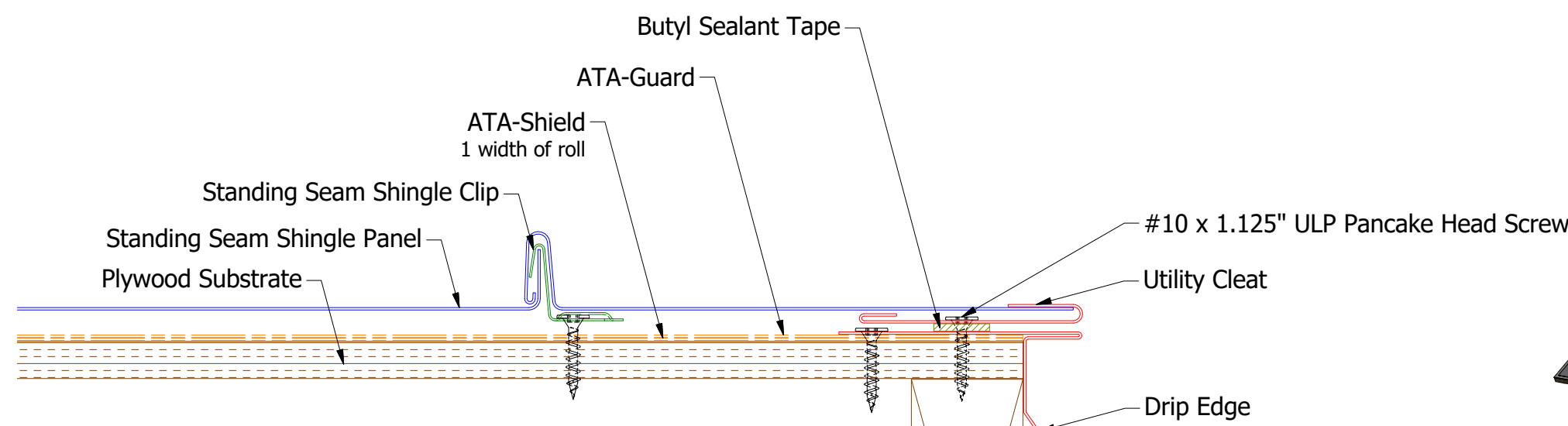


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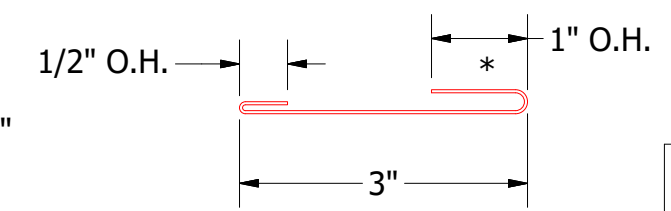
TITLE	
Standing Seam Shingle Eave Detail	
DWG. NO.	DR KRK DATE 11/24/2014
REV. NO.	APP DATE
DATE	SH. SIZE B SCALE X:X

Note: * denotes color side.

02	11/18/2020	Changed Fastener to ULP Pancake Head Fastener	KRK		
1	6/10/2019	Updated Substrate and Clip Information	AJZ	KRK	
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	

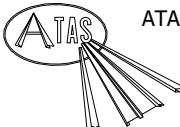


HSA112-Drip Edge



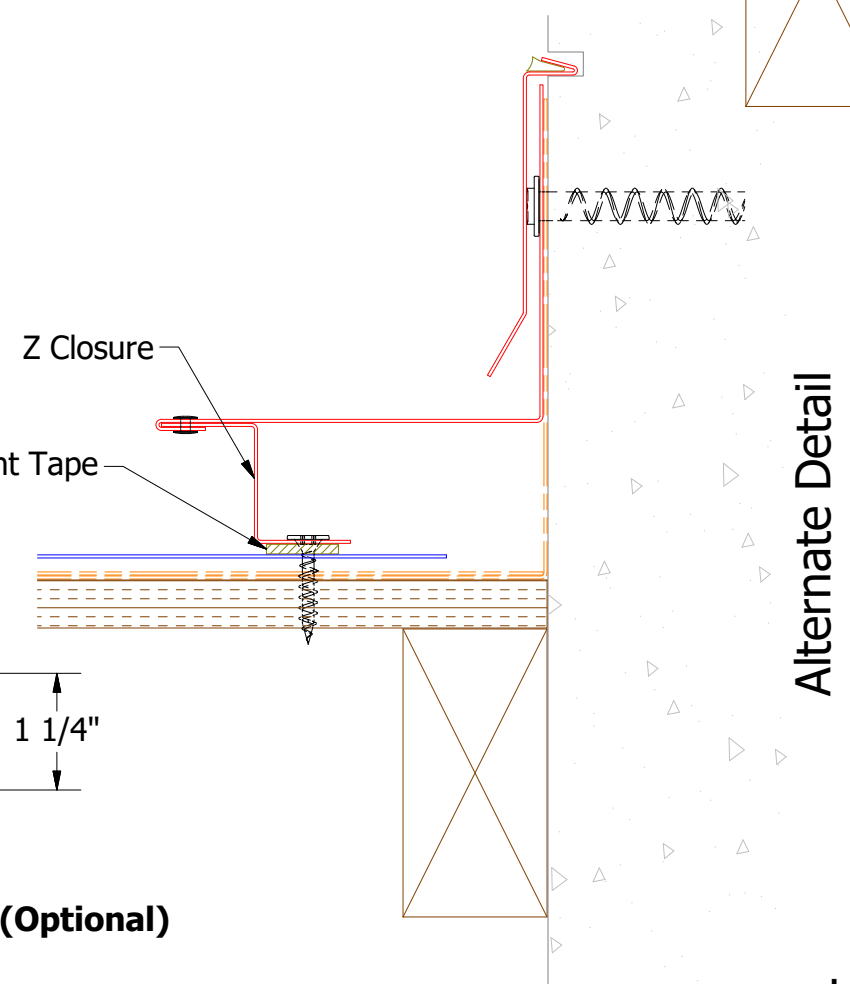
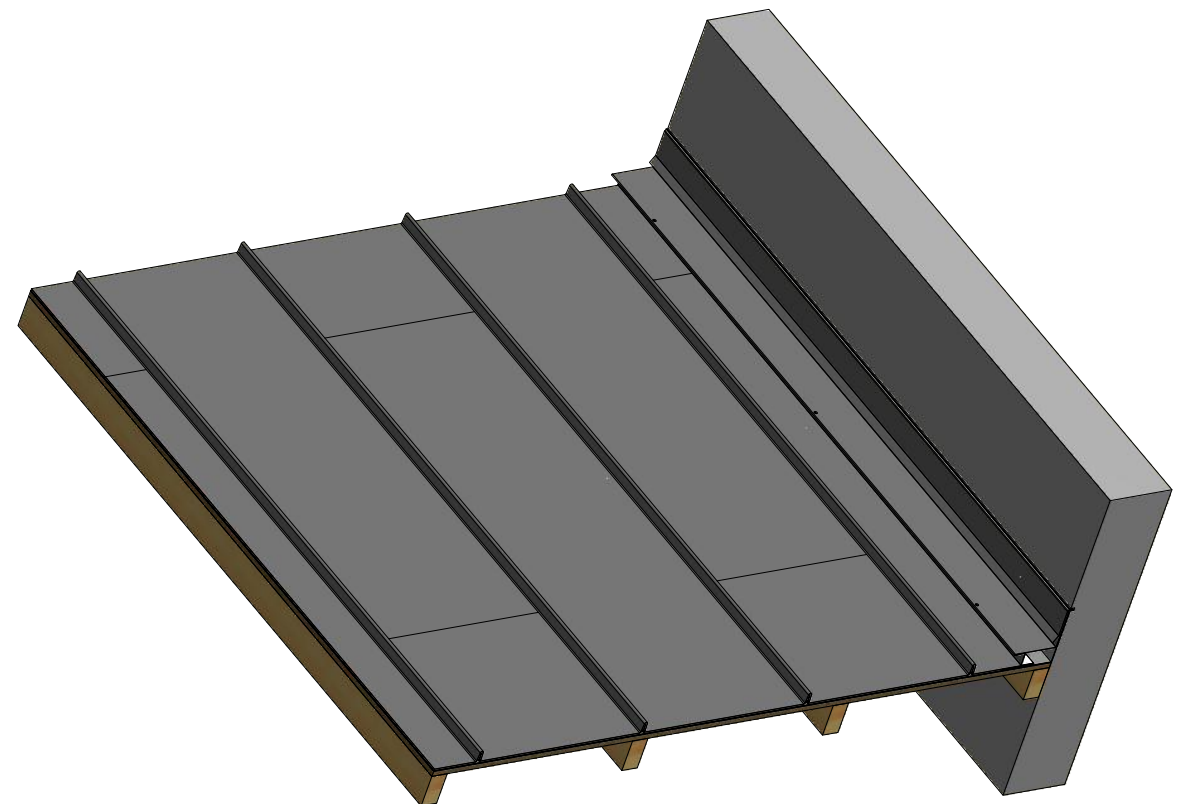
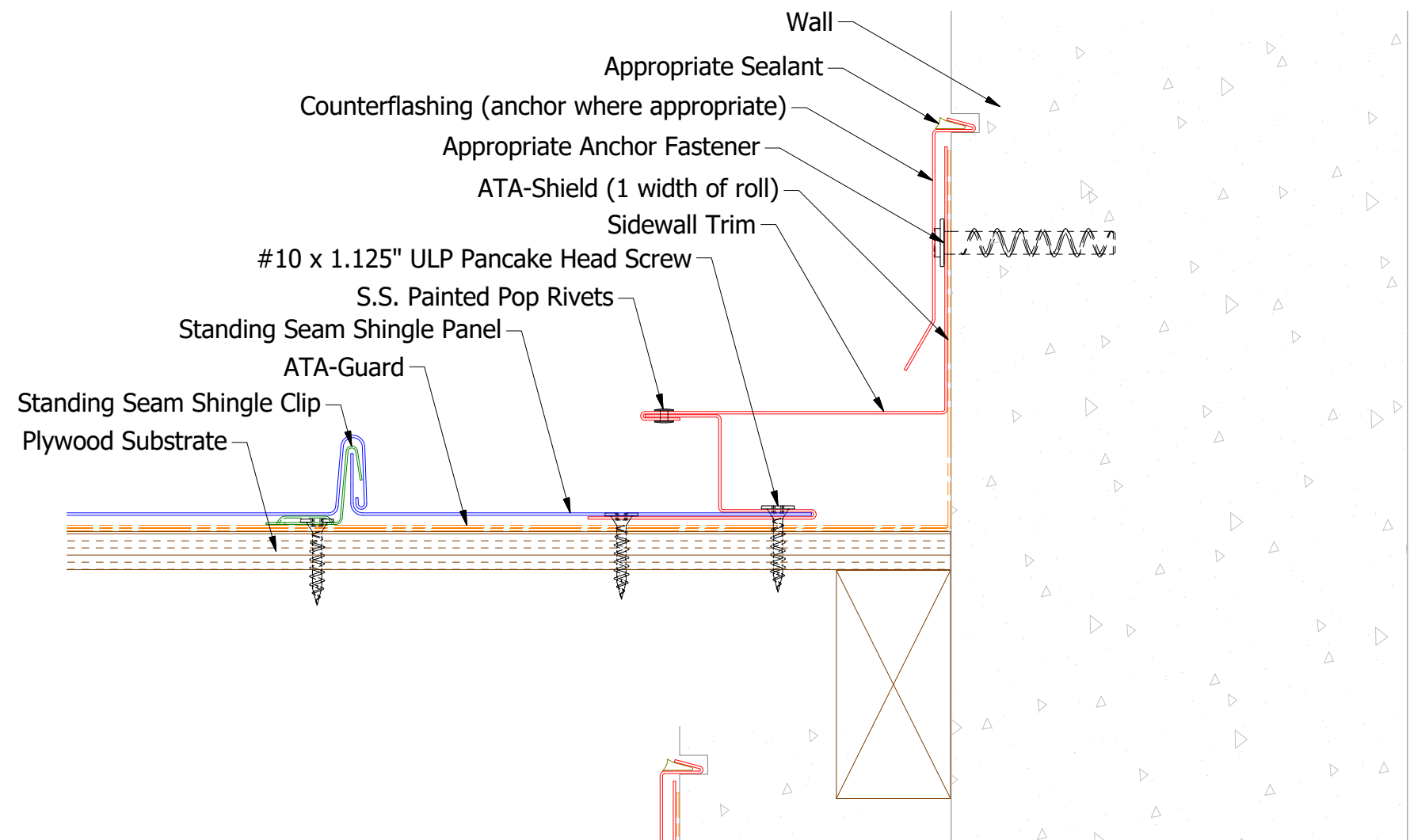
HSA234-Utility Cleat

Note: * denotes color side.



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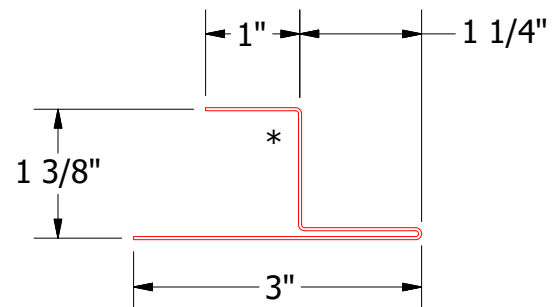
TITLE Standing Seam Shingle Gable Detail									
02	11/18/2020	Changed Fastener to ULP Pancake Head Fastener	KRK		DWG. NO.	DR	KRK	DATE	11/25/2014
1	6/10/2019	Updated Substrate and Clip Information	AJZ	KRK	APP			DATE	
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	B	SCALE	X:X



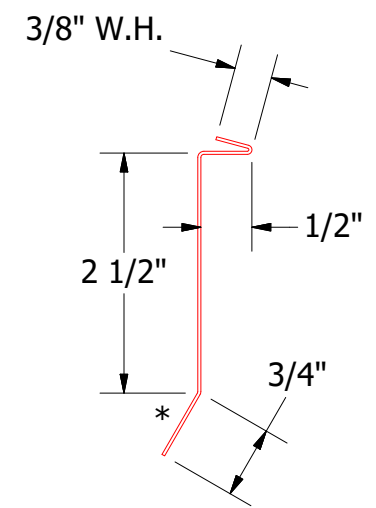
Alternate Detail

HSA910-Z Closure (Optional)

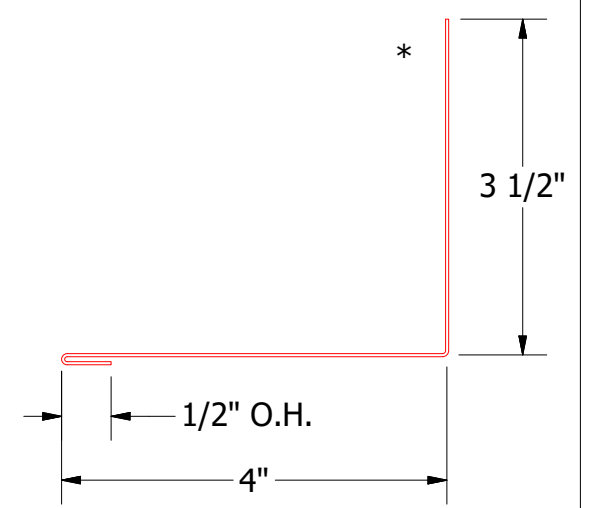
Note: * denotes color side.



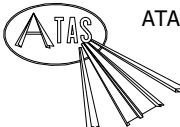
HSA930-Pocket Z Closure (Standard)

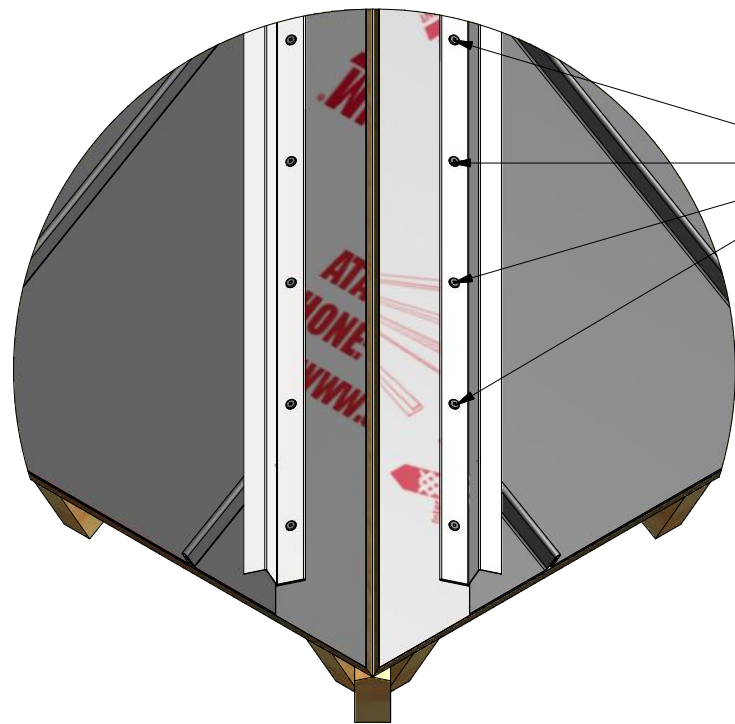


HSA980-Counterflashing

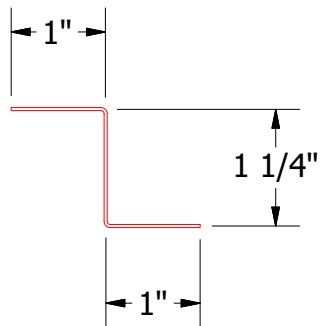
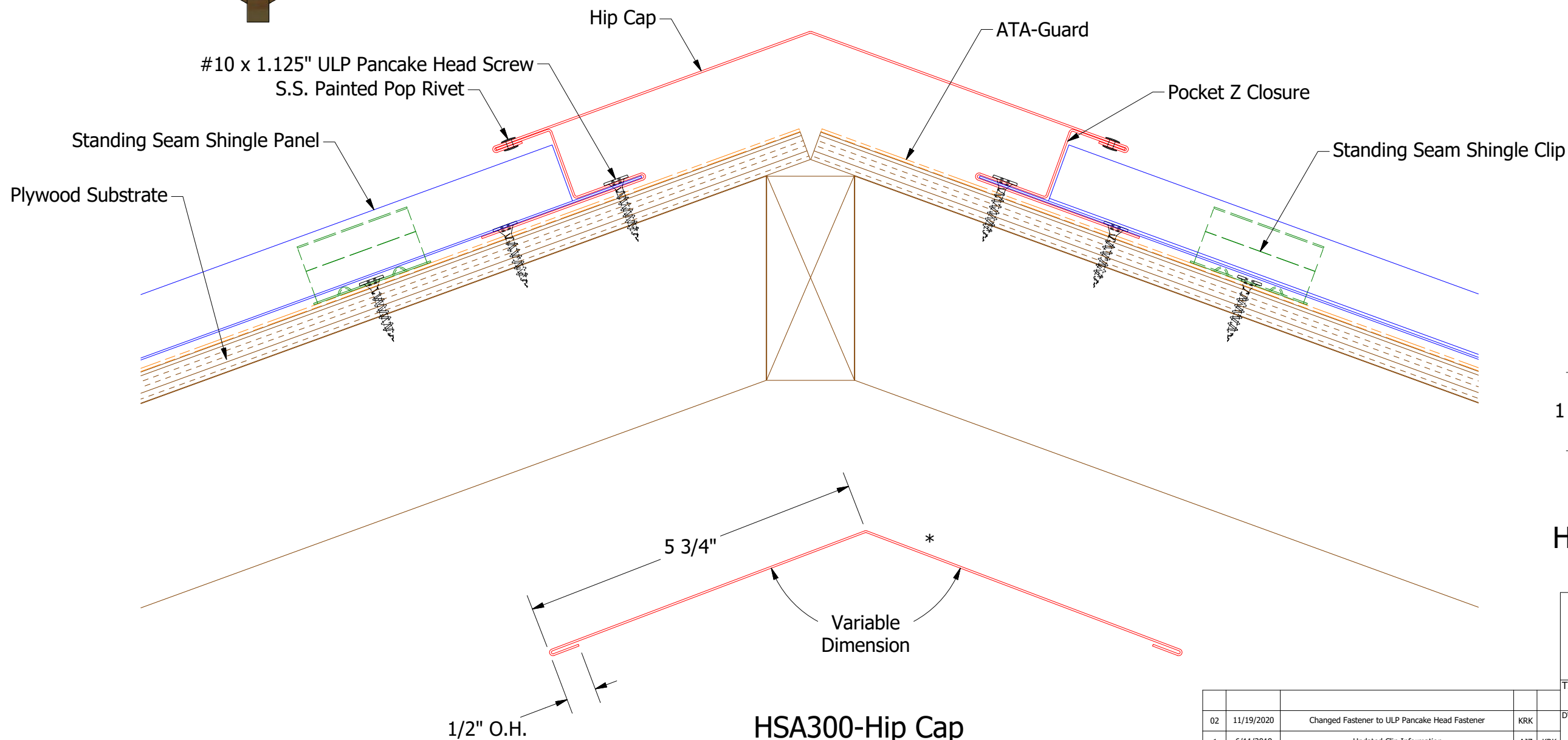
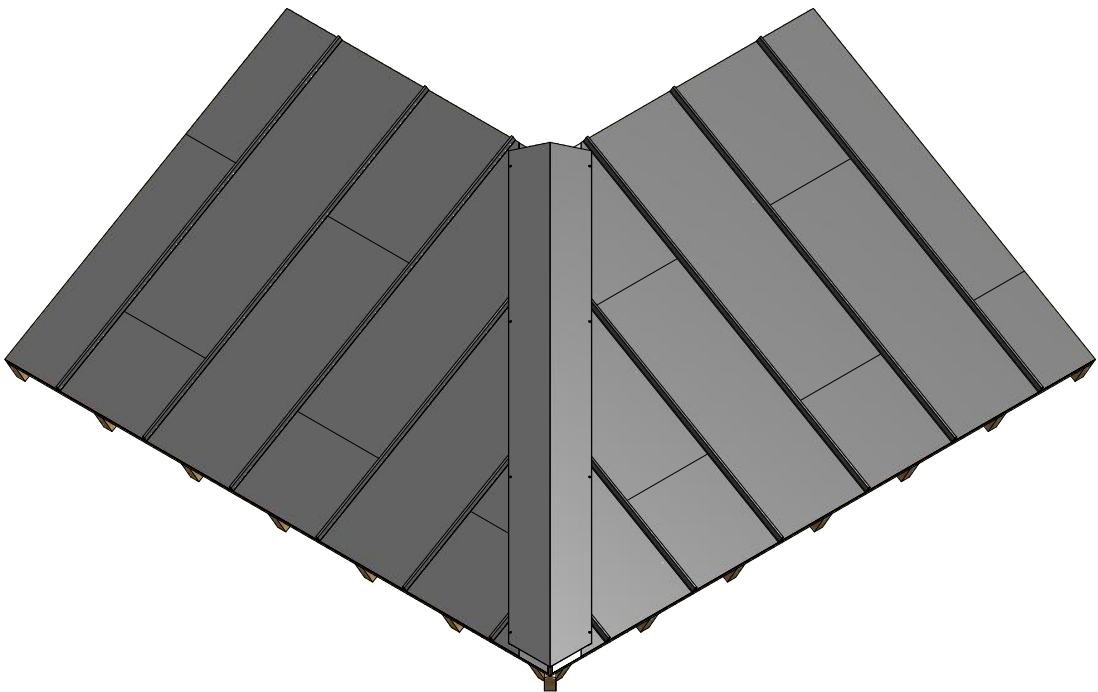


HSA410-Sidewall Trim

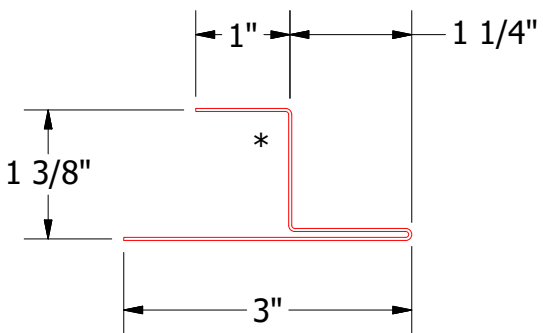
 ATAS INTERNATIONAL, INC Allentown PA 610-395-8445 Mesa AZ 480-558-7210		TITLE Standing Seam Shingle Sidewall Detail	
		DWG. NO. DR KRK APP SH. SIZE B	DATE 11/26/2014 DATE SCALE X:X
01 REV. NO.	11/19/2020 DATE	Changed Fastener to ULP Pancake Head Screw DESCRIPTION OF REVISION	KRK BY APP



Fasten 4" O.C.



HSA910-Z Closure
(Optional)



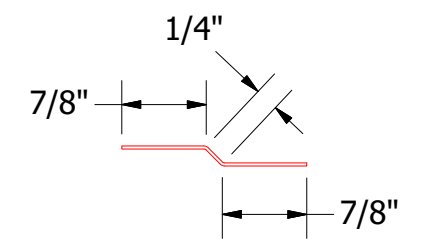
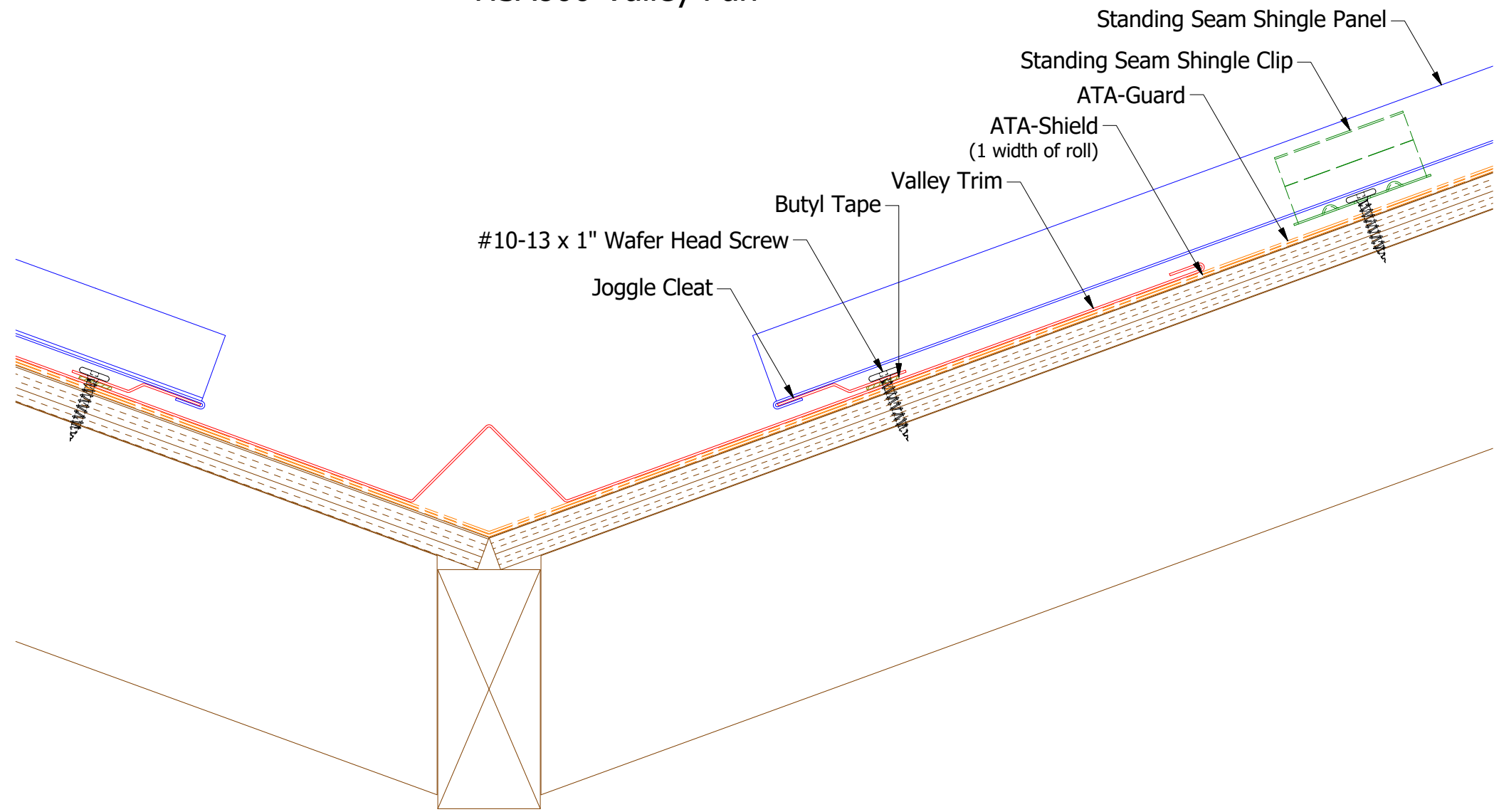
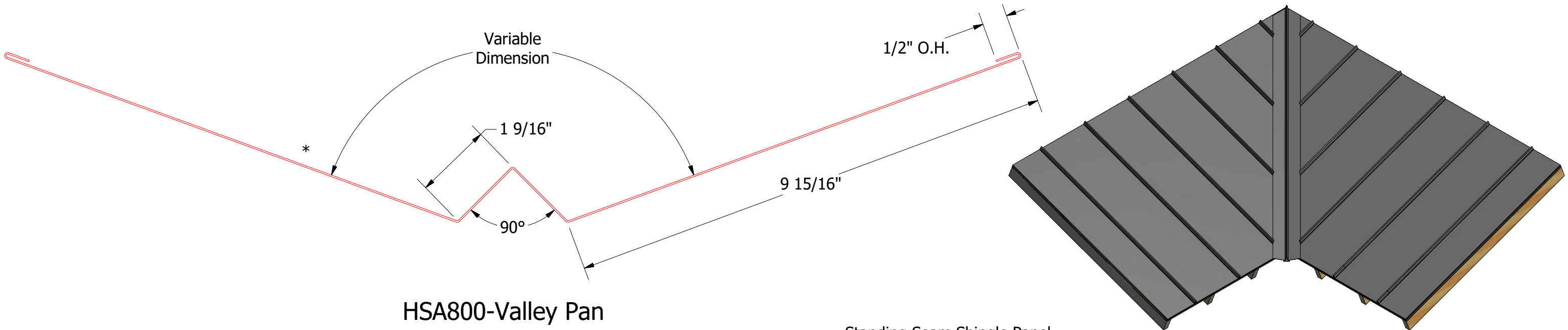
HSA930-Pocket Z Closure
(Standard)



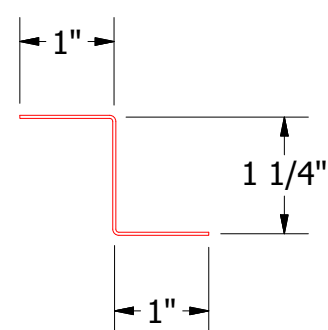
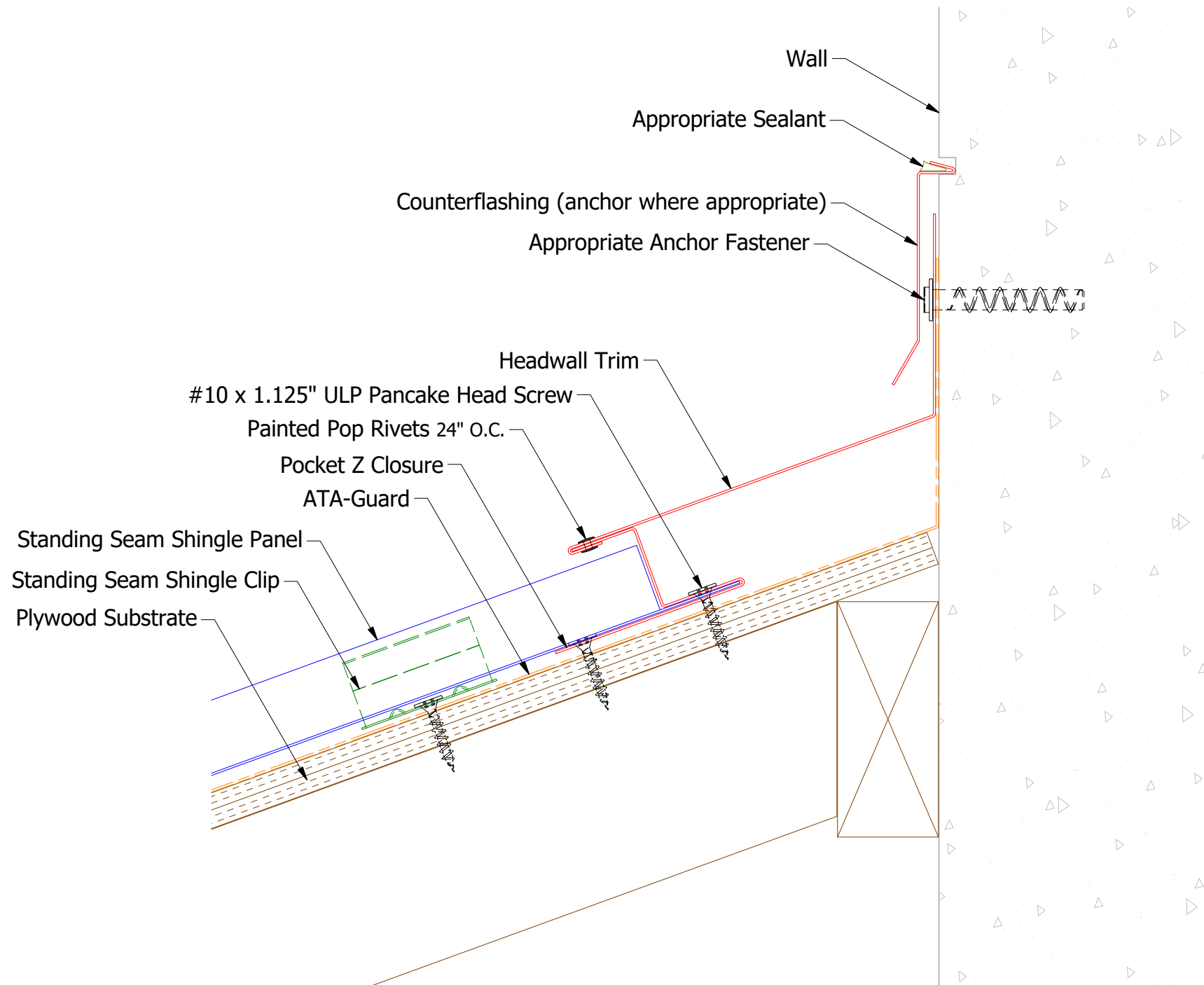
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TITLE Standing Seam Shingle Hip Detail									
02	11/19/2020	Changed Fastener to ULP Pancake Head Fastener	KRK	DWG. NO.	DR	KRK	DATE	11/26/2014	
1	6/11/2019	Updated Clip Information	AJZ	KRK	APP		DATE		
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	B	SCALE	X:X

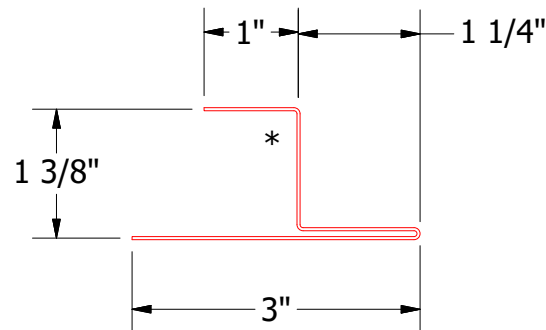
Note: * denotes color side.



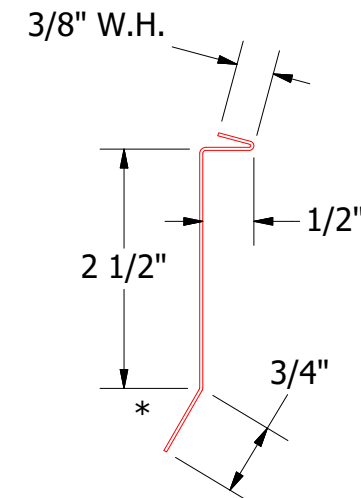
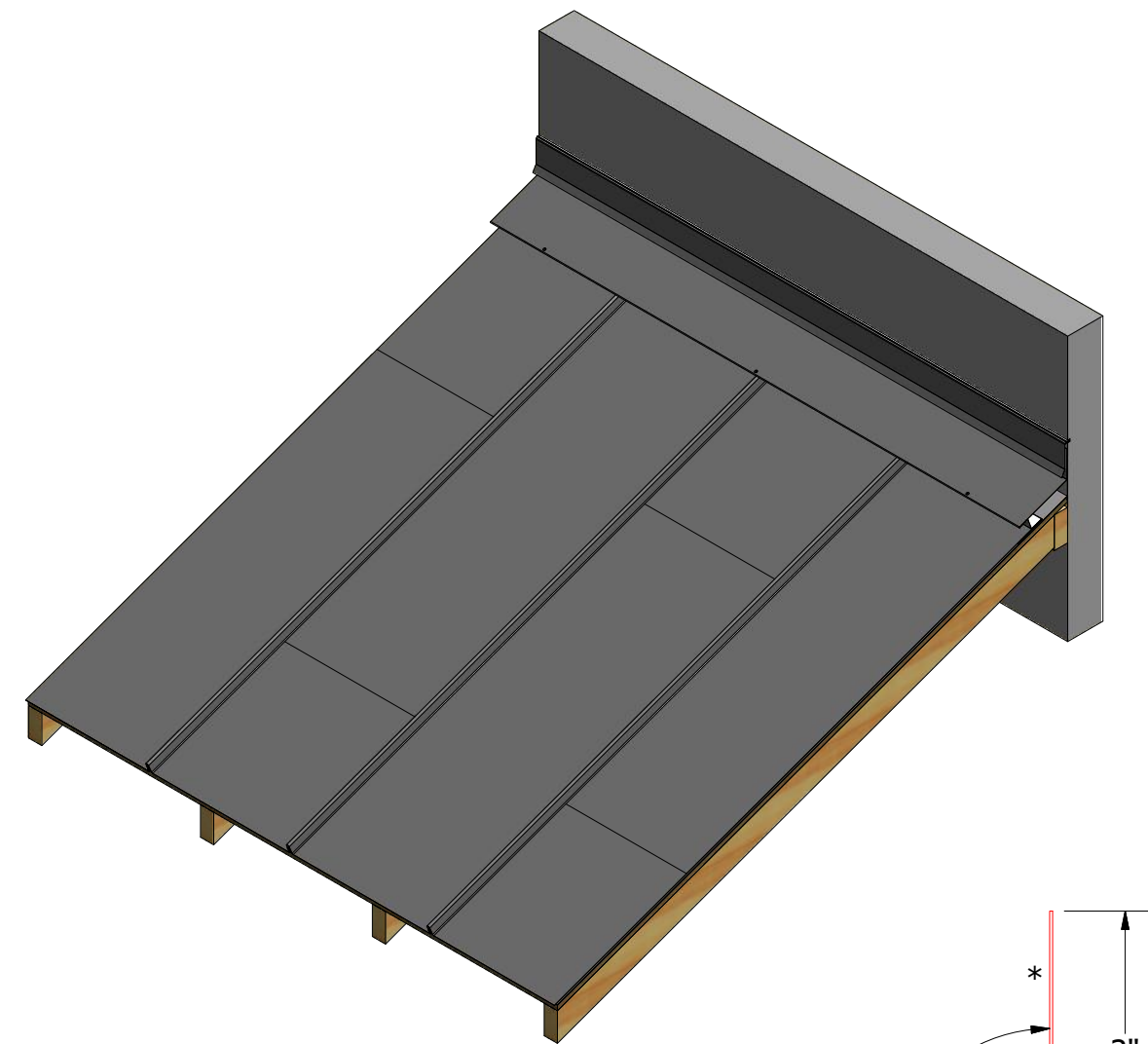
Note: * denotes color side.



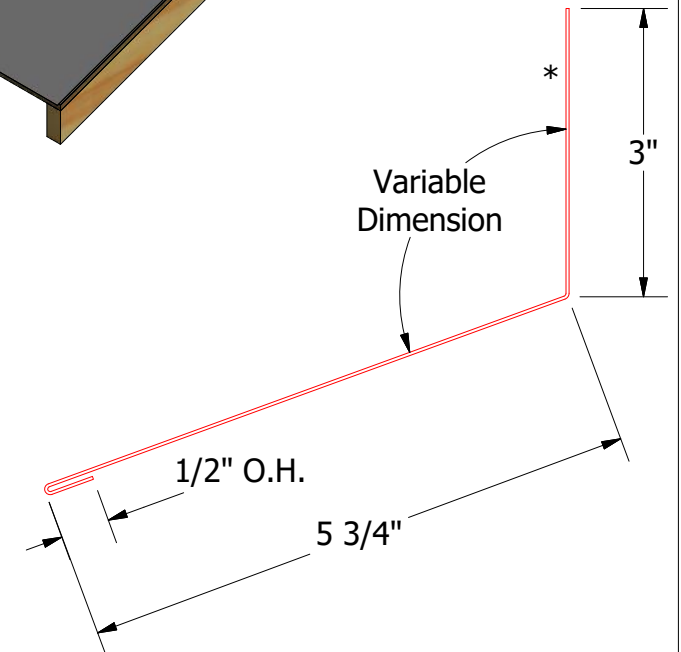
HSA910-Z Closure (Optional)



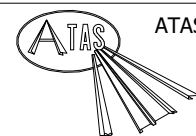
HSA930-Pocket Z Closure (Standard)



HSA980-Counterflashing



HSA510-Headwall Trim

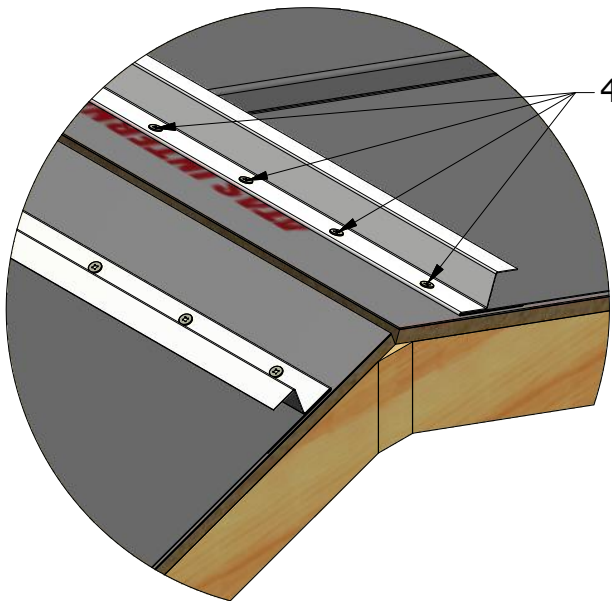


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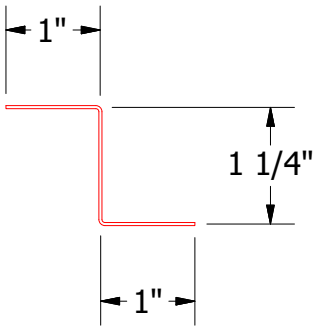
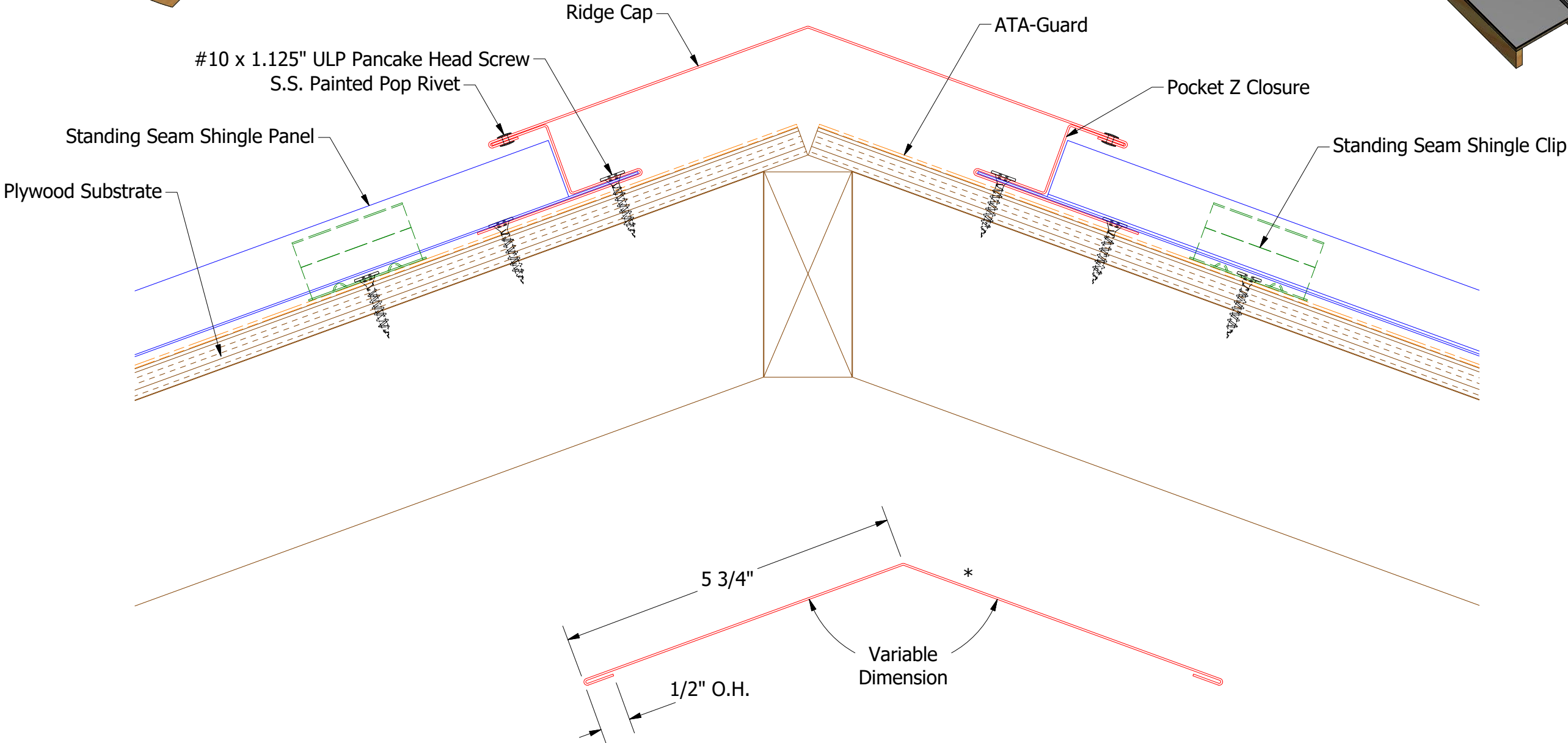
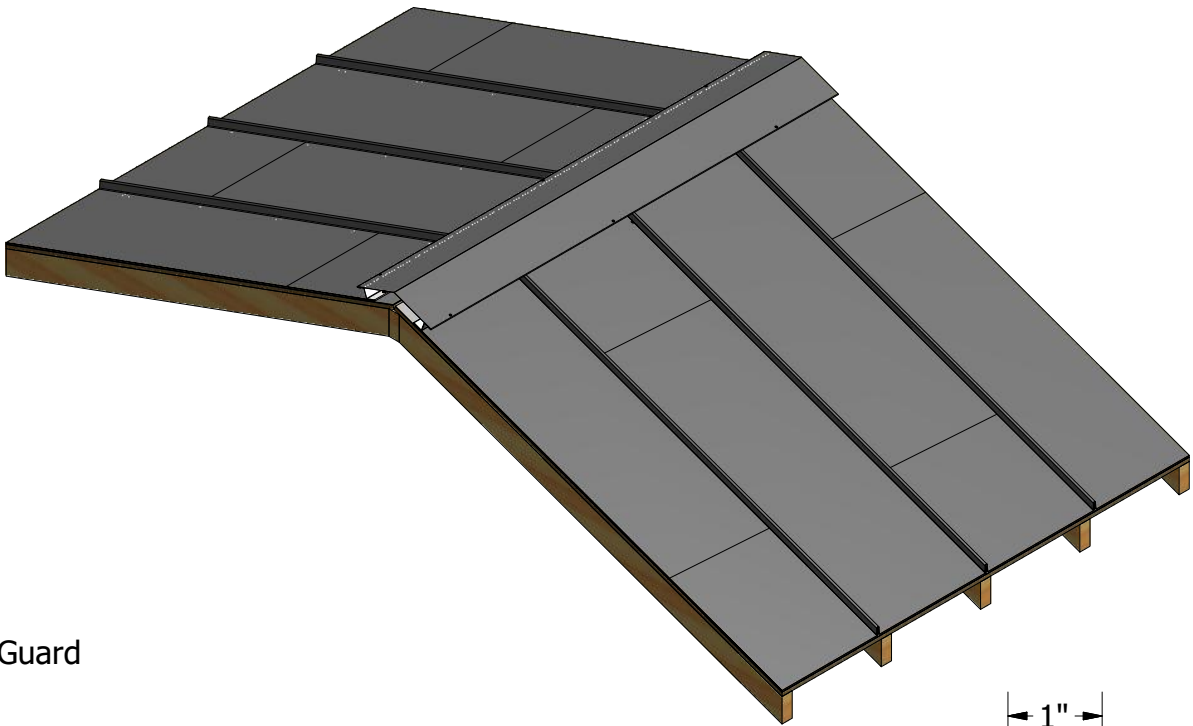
TITLE
Standing Seam Shingle Headwall Detail

REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	DWG. NO.	DR	DATE	SH. SIZE	SCALE
02	11/18/2020	Changed Fastener to ULP Pancake Head Fastener	KRK			KRK	11/25/2014	B	X:X
1	6/11/2019	Updated Substrate and Clip Information	AJZ	KRK					

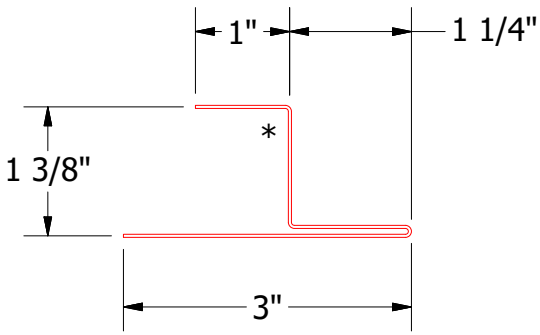
Note: * denotes color side.



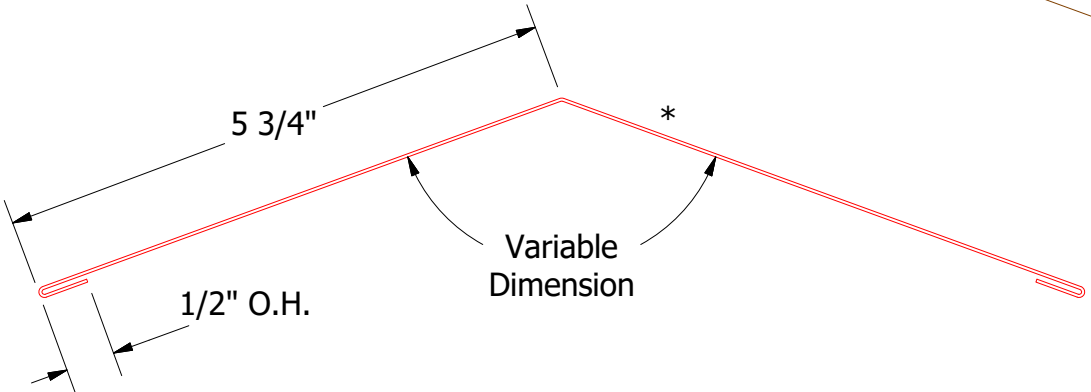
4 Fasteners per Roof Panel



HSA910-Z Closure
(Optional)



HSA930-Pocket Z Closure
(Standard)



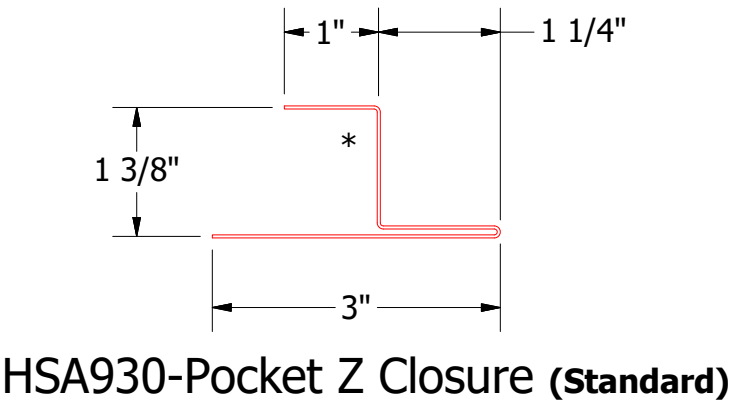
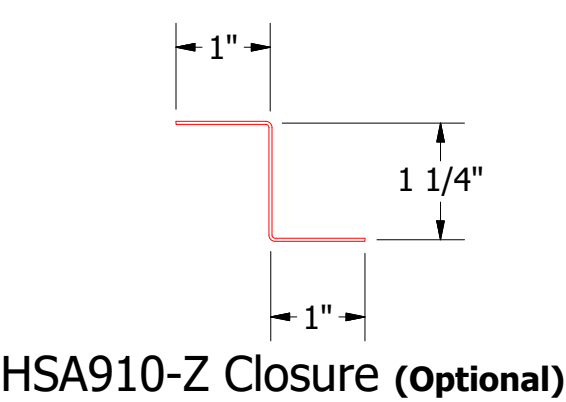
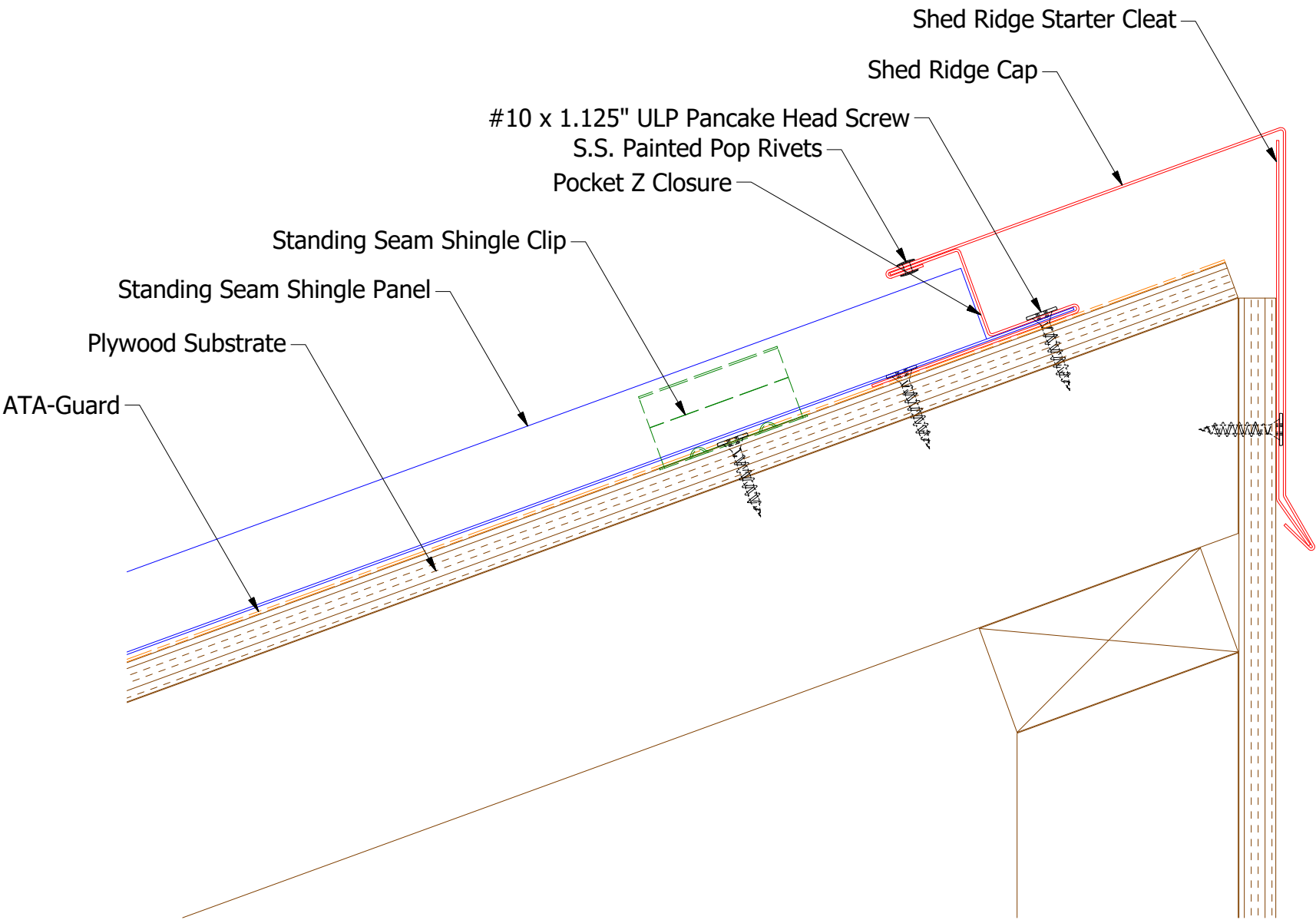
HSA300-Ridge Cap

Note: * denotes color side.

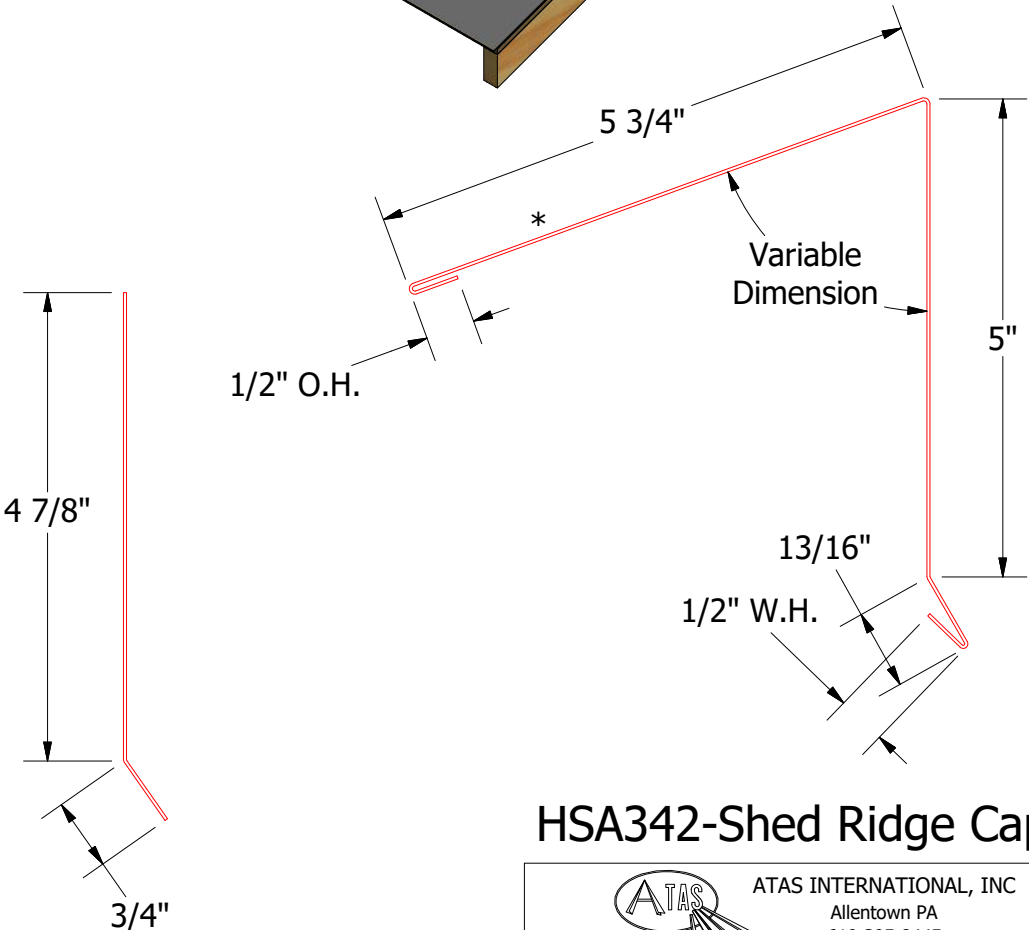
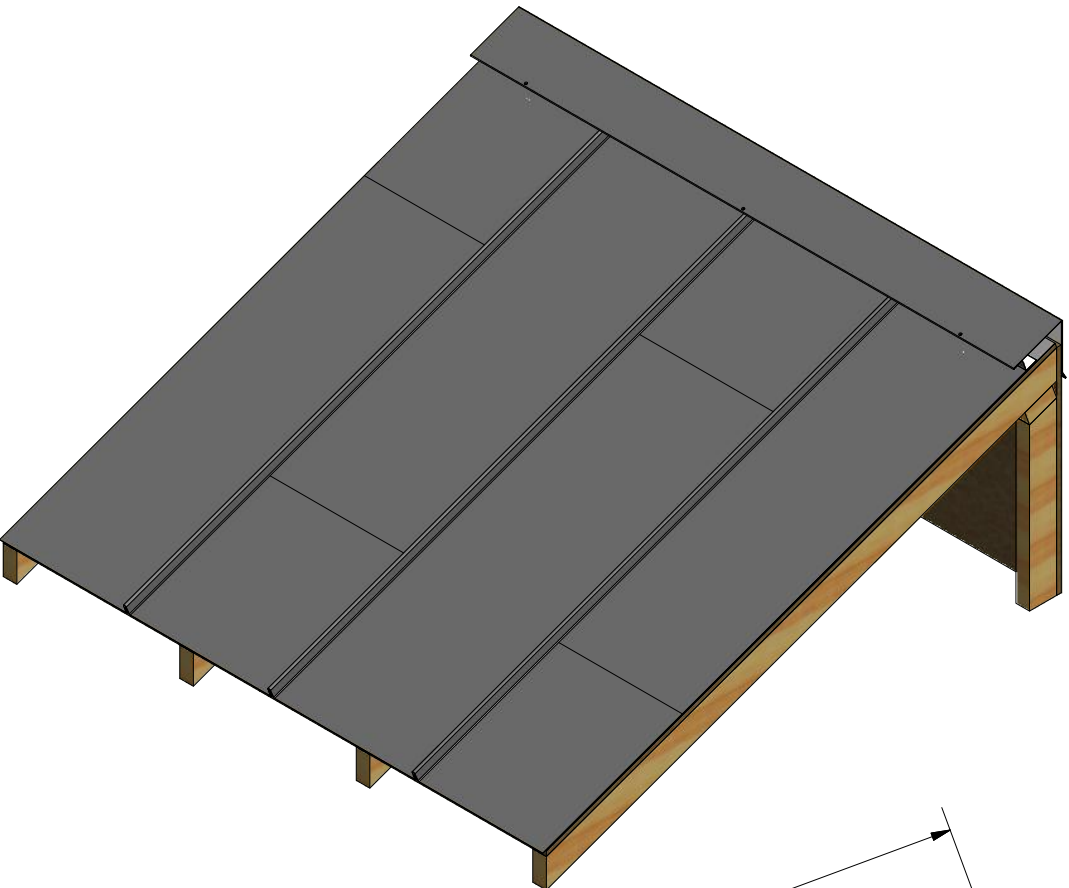
						TITLE	
						Standing Seam Shingle Ridge Detail	
02	11/19/2020	Changed Fastener to ULP Pancake Head Screw	KRK	DWG. NO.	DR	KRK	DATE 11/26/2014
1	6/11/2019	Updated Clip Information	AJZ	KRK	APP		DATE
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE	SCALE
						B	X:X



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Note: * denotes color side.

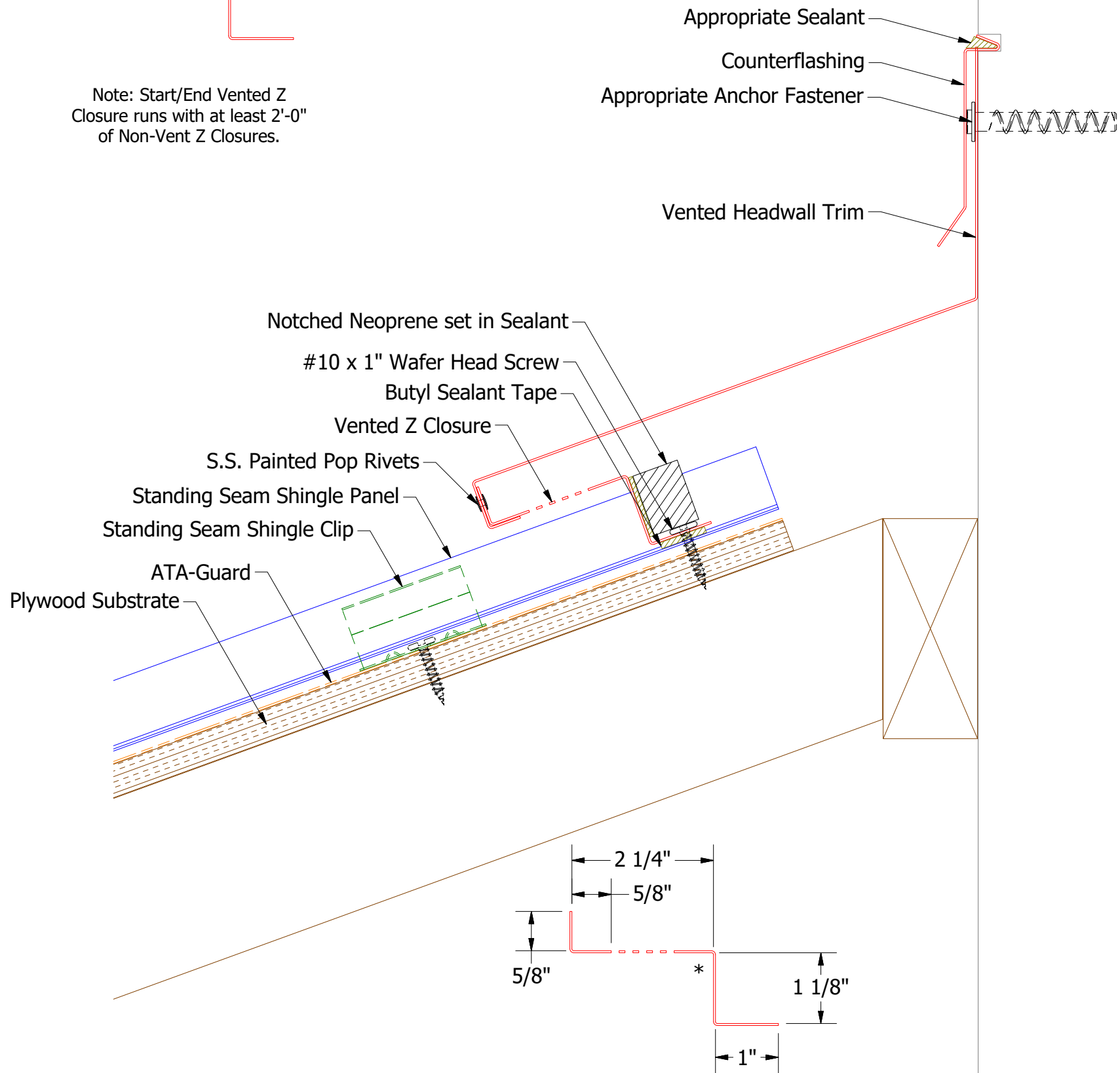


Shed Ridge Starter Cleat

HSA342-Shed Ridge Cap

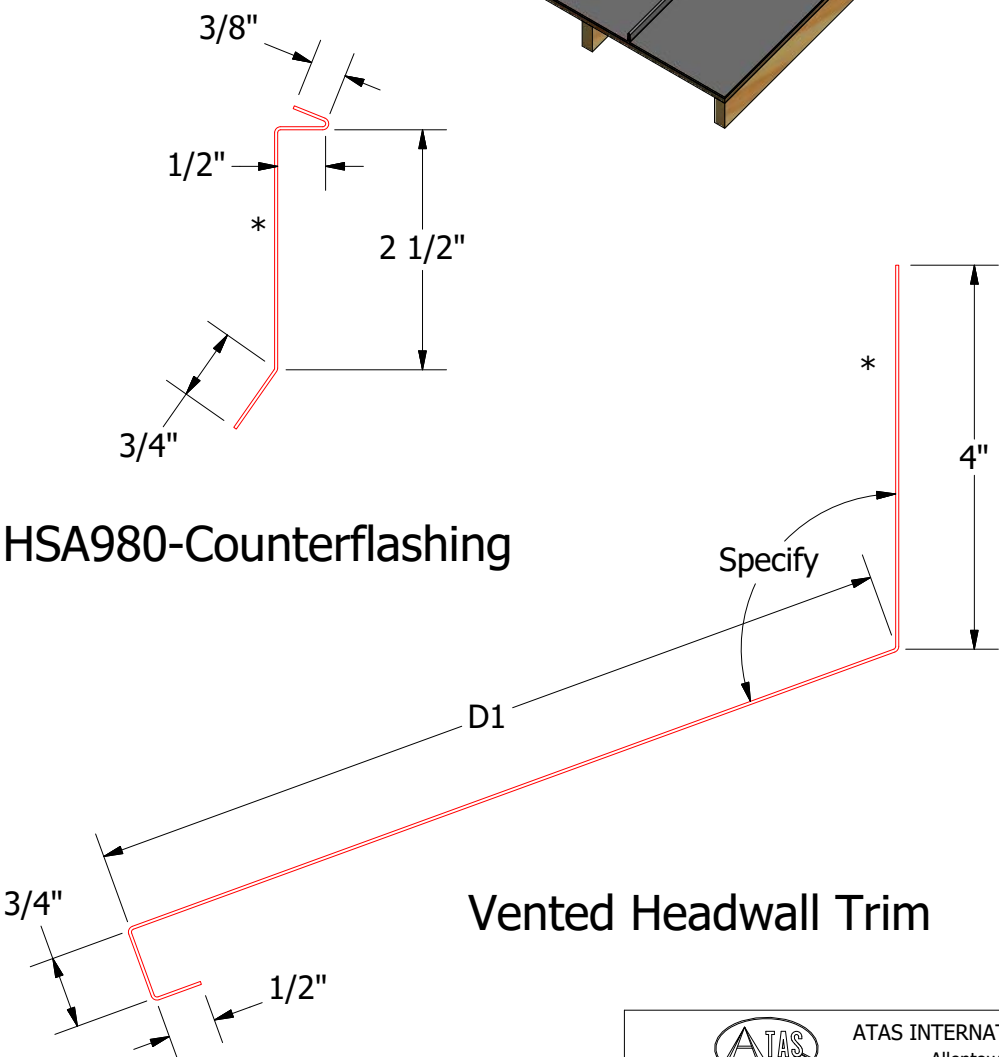
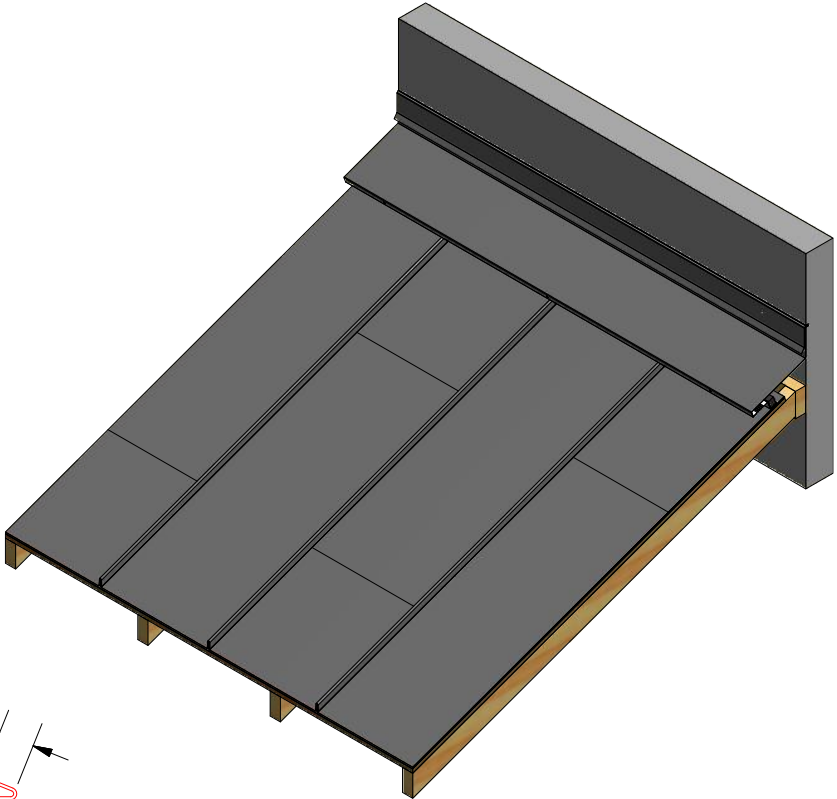
TITLE				Standing Seam Shingle Shed Ridge Detail			
02	11/19/2020	Changed Fastener to ULP Pancake Head Screw	KRK	DWG. NO.	DR	KRK	DATE 11/26/2014
1	6/11/2019	Updated Substrate and Clip Information	AJZ	KRK	APP		DATE
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP	MATERIAL	SH. SIZE B	SCALE X:X

Note: Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.



HSA911-Vented Z Closure

Note: * denotes color side.

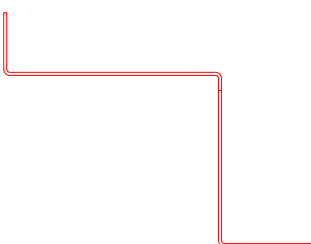


HSA980-Counterflashing

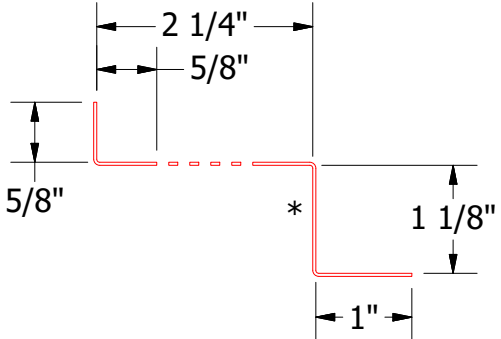
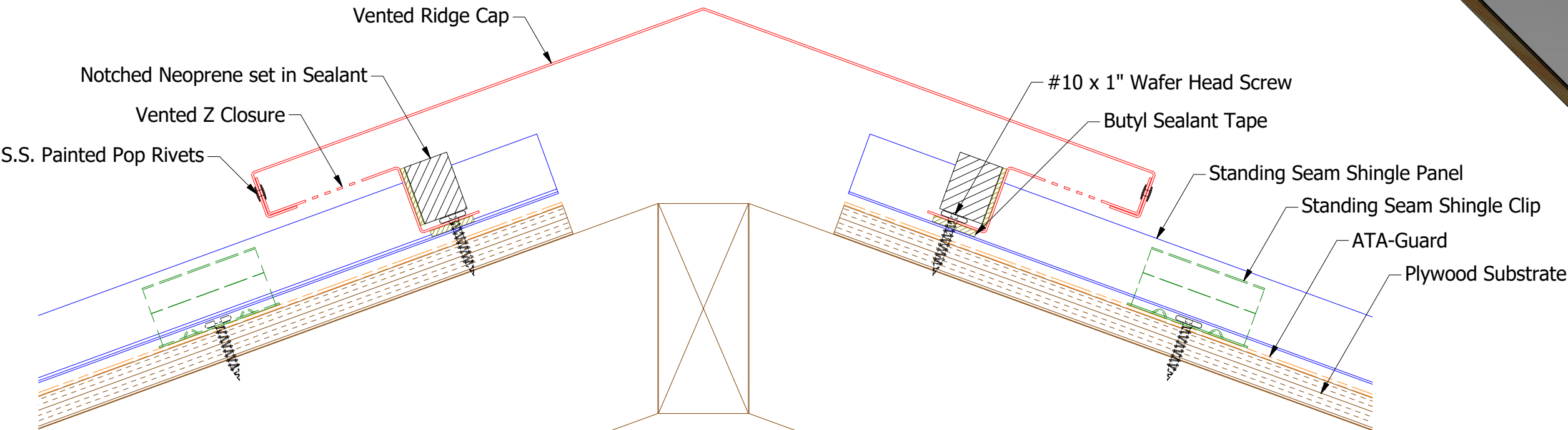
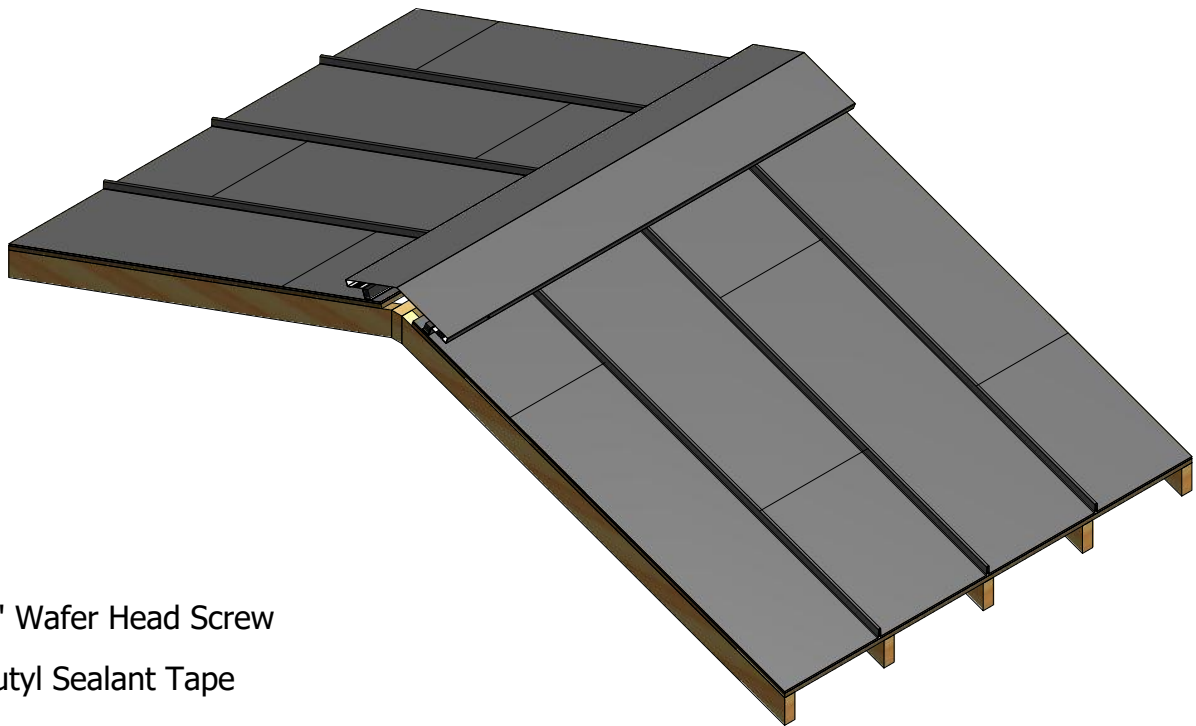
Vented Headwall Trim

TITLE		DR		DATE	
Standing Seam Shingle Vented Headwall Detail		MBP		6/6/2019	
DWG. NO.		APP		DATE	
MATERIAL		SH. SIZE		SCALE	
		B		X:X	

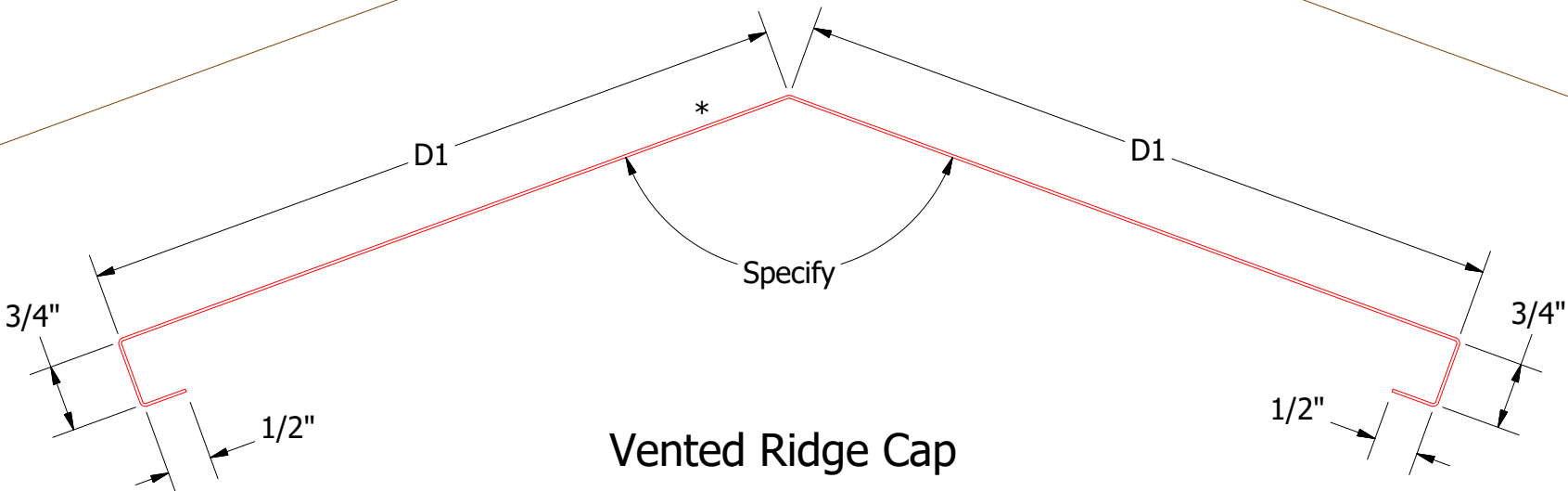
REV. NO.	DATE	DESCRIPTION OF REVISION	BY	APP



Note: Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.



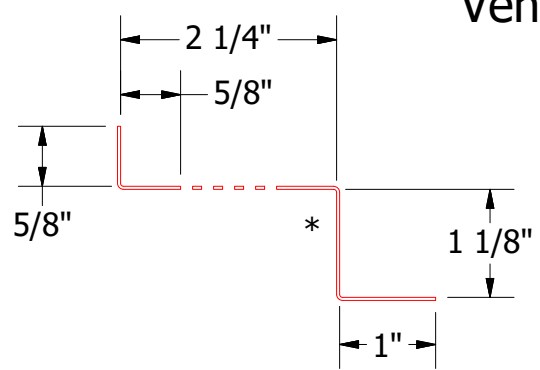
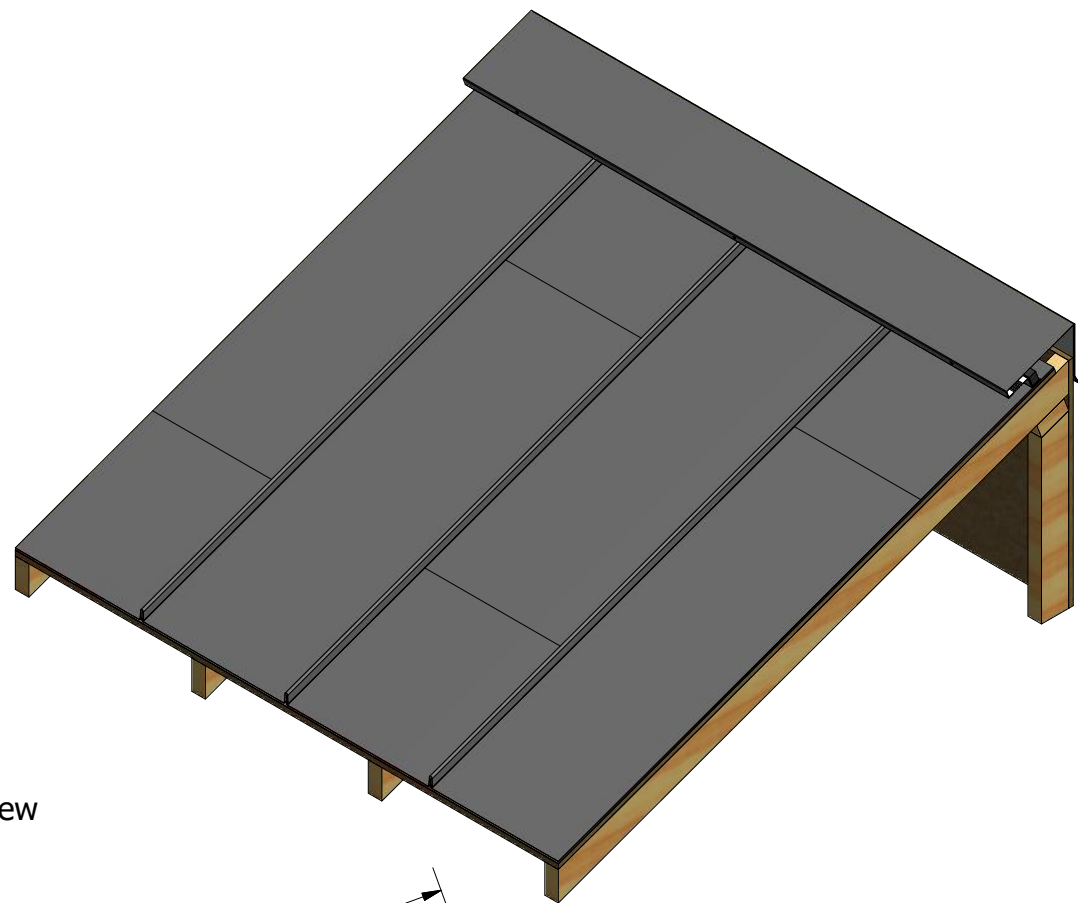
HSA911-Vented Z Closure



Vented Ridge Cap

Note: * denotes color side.

						Standing Seam Shingle Vented Ridge Detail	



Note: * denotes color change.

						Standing Seam Shingle Vented Shed Ridge Detail		
						DWG. NO.		DATE 6/7/2019
						MATERIAL		SCALE X:X
REV. NO.	DATE	DESCRIPTION OF REVISION			BY	APP	SH. SIZE B	SCALE X:X

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