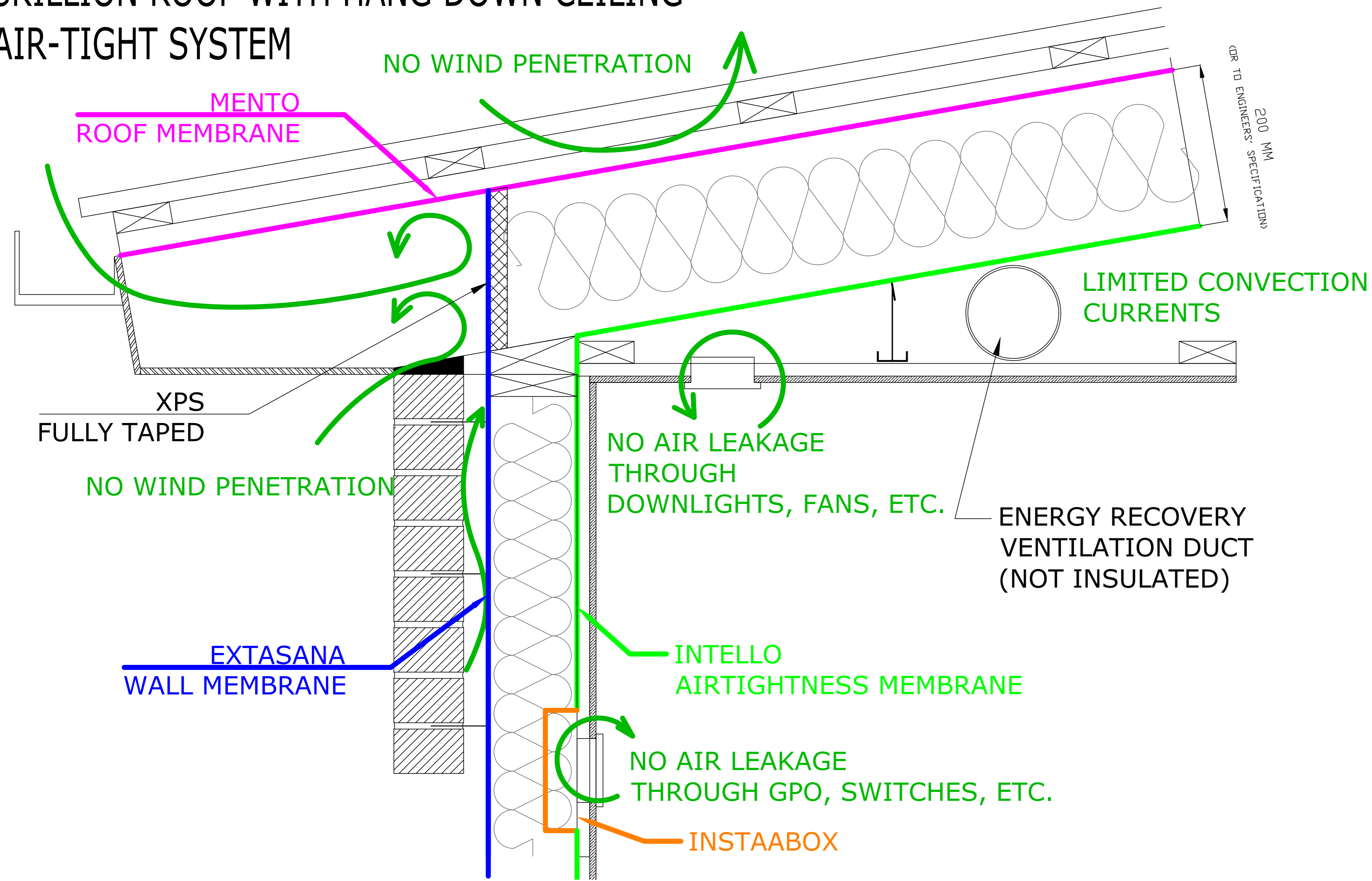


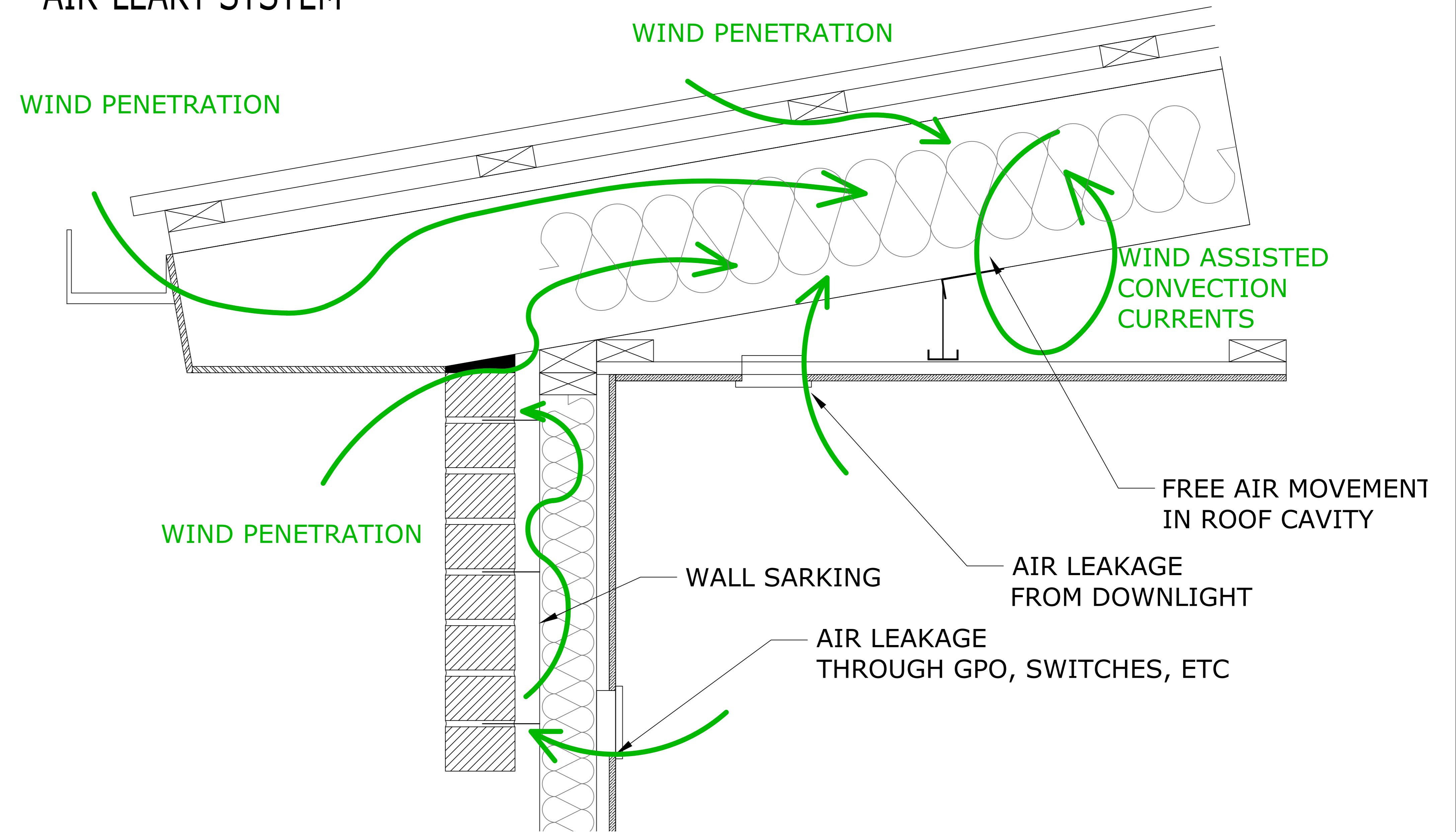
# PASSIVHAUS

# STANDARD

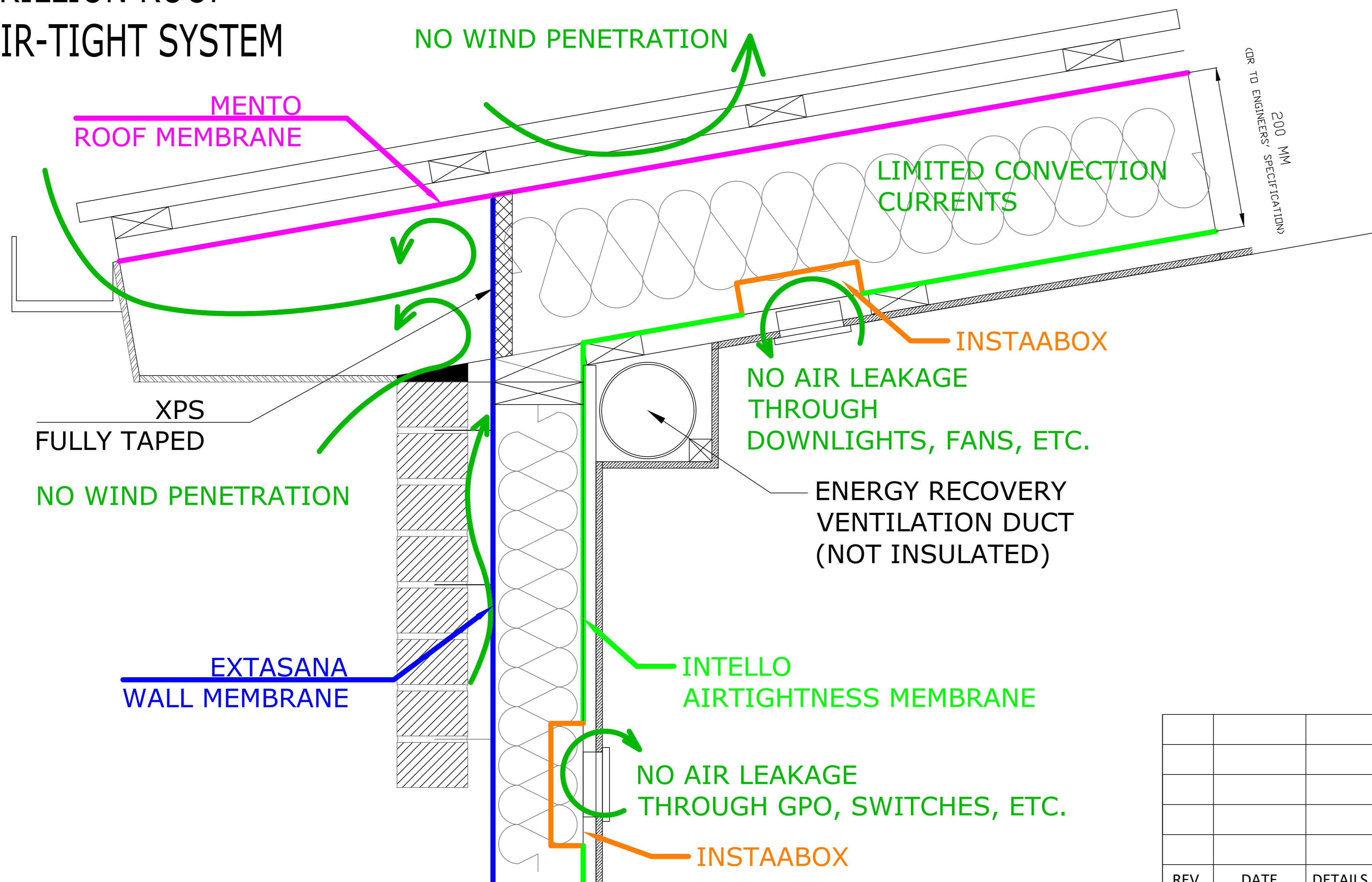
SKILLION ROOF WITH HANG DOWN CEILING  
AIR-TIGHT SYSTEM



TYPICAL SKILLION ROOF  
AIR-LEAKY SYSTEM



SKILLION ROOF  
AIR-TIGHT SYSTEM




## AIR-LEAKY ROOF:

- WIND PENETRATION FROM OUTSIDE OR DOWNLIGHTS, FANS, ETC INTO ROOF CAVITY (REDUCED THERMAL INSULATION EFFECT)
- UNCONTROLLED MOISTURE DIFFUSION IN AND OUT (RISK OF INTERSTITIAL CONDENSATION & MOULD)

## AIR-TIGHT ROOF:

- AIR-TIGHT MEMBRANES PREVENT WIND PENETRATION FROM OUTSIDE OR DOWNLIGHTS, FANS, ETC INTO ROOF CAVITY (IMPROVED THERMAL INSULATION EFFECT)
- AIR TIGHT INTELLO MEMBRANE CONTROLS MOISTURE DIFFUSION (REDUCED MOLD RISK AND WHEN IN COMBINATION WITH EXTASANA ELIMINATES MOULD RISK)
- ENERGY RECOVERY VENTILATION SYSTEM PROVIDES CONTROLLED FRESH AIR FROM OUTSIDE INTO THE BUILDING (REDUCED HEAT LOSSES/GAINS MOULD RISK)

				CLIENT		GENERAL INFORMATION		 <p>2/5 Bodalla Place Fyshwick ACT 2609. Ph. (02)6240 2900 Email: info@laros.com.au Web: www.laros.com.au</p>
				PROJECT		COLD AND WARM ROOF AIR-TIGHT DESIGNS		
				DRAWING TITLE		SKILLION ROOF WITH BRICK VENEER		
				DRAWN:		T.YANG      APPROVED:		
				SCALE		SHT.SIZE		
REV.	DATE	DETAILS & STATUS	REV.	DATE	DETAILS & STATUS	NA	A0	<p>DRAWING NO. <b>ROOF101</b></p>
			0	2016-07-12	ISSUE FOR INFORMATION			