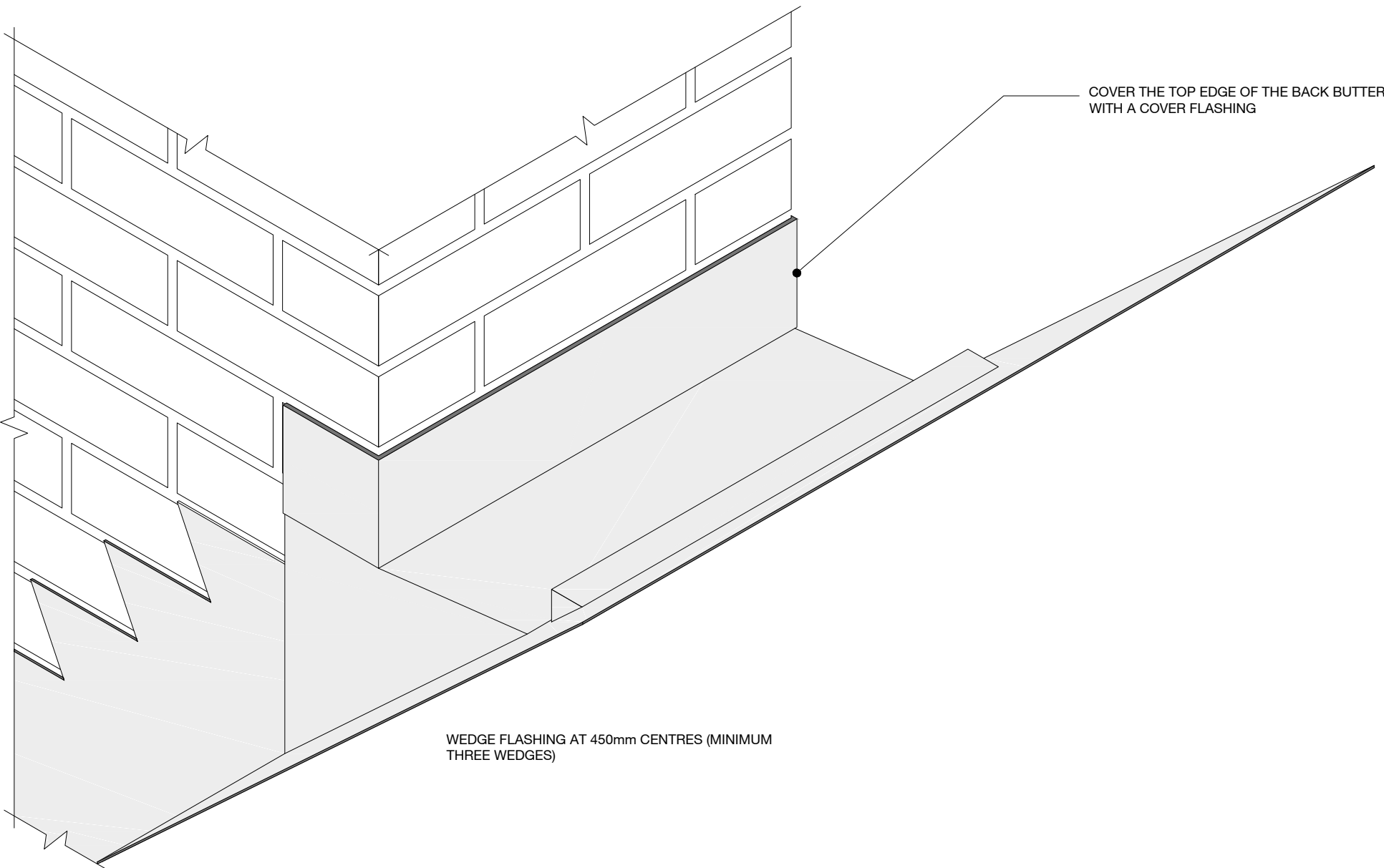


SPECIFICATION AND DESIGN CONSIDERATIONS								
Durability of lead will depend upon the thickness and size of the piece of lead sheet, see Table 3, 5, 6 and 7. When specifying thickness, also make allowances for : - anticipated life of building concerned (longer the life, heavier the code) - bossing or dressing - vulnerability to wind lift - mechanical wear due to foot traffic - risks of moss or lichen growth. The use of thicker lead in longer pieces can be more economical than using thinner material with additional joints, particularly when detailing gutter linings. Consider ventilation of the void between the substrate and insulation. Refer to Building Regulations and British Standards for guidance. Current British Standard relevant to the installation of Leadwork is BS6915 2014 If considering Lead Sheet for damp proof course both sides must be treated with bitumatic paint. All lead sheet should comply with BSEN12588 : 2006 rolled lead sheet for building purposes.								
Thickness of lead sheet for various uses								
Type of Application	Sheltered/Moderate Exposure		Severe Exposure		Historic/Listed Buildings			
	BSEN12588 code No.		BSEN12588 code No.		BSEN12588 code No.			
Pit roof	.	5 or 6	6 or 7	7 or 8				
Parapet, box and tapered valley gutters	.	5 or 6	6 or 7	6, 7 or 8				
Pitched roofs	.	4, 5 or 6	6 or 7	7 or 8				
Vertical cladding	.	4 or 5	5 or 6	6 or 7				
Dormer cheeks	.	4 or 5	5 or 6	5, 6 or 7				
Dormer roofs	.	4 or 5	5 or 6	6, 7 or 8				
Chimney flashings; back gutters apron and side flashings	.	4 or 5	5 or 6	5 or 6				
Lead slates	.	4 or 5	4 or 5	5 or 6				
Hip and ridge flashings	.	4 or 5	5 or 6	6, 7 or 8				
Pitched valley gutters	.	4 or 5	4 or 5	6 or 7				
Weathertings to cornices and parapets etc	.	4 or 5	5 or 6	6 or 7				
Damp proof courses	.	4 or 5	4 or 5	4 or 5				
Apron and cover flashings	.	4 or 5	5 or 6	5, 6 or 7				
Sooters	.	3	3 or 4	3 or 4				
BSEN12588 Code No	Table 3 Flat Roofs		Table 5 Pitched Roofs		Table 6 Vertical Cladding		Table 7 Gutter Linings	
	Maximum spacing of joints with the fall mm	Maximum distance between drips mm	Roof slopes above 10° up to and including 60°	Roof slopes above 60° up to and including 80°	Maximum spacing of joints with the fall mm	Maximum distance between drips mm	Maximum length between drips mm	Maximum overall girth mm
4	500	1500	500	1500	500	1500	1500	750
5	600	2000	600	2000	600	2000	2000	800
6	675	2250	675	2250	675	2250	2250	850
7	675	2500	675	2400	675	2250	2500	900
8	750	3000	750	2500	750	2250	3000	1000

Thickness of lead sheet for various uses									
Type of Application			Sheltered/Moderate Exposure		Severe Exposure		Historic/Listed Buildings		
			BSEN12588 code No.		BSEN12588 code No.		BSEN12588 code No.		
Flat roofing			-	5 or 6	6 or 7		7 or 8		
Parapet, box and tapered valley gutters			-	5 or 6	6 or 7		6, 7 or 8		
Pitched roofs			-	4, 5 or 6	6 or 7		7 or 8		
Vertical cladding			-	4 or 5	5 or 6		6 or 7		
Dormer cheeks			-	4 or 5	5 or 6		5, 6 or 7		
Dormer roofs			-	4 or 5	5 or 6		6, 7 or 8		
Chimney flashings: back gutters apron and side flashings			4 or 5		5 or 6		5 or 6		
Lead slates			4 or 5		4 or 5		5 or 6		
Hip and ridge flashings			4 or 5		5 or 6		6, 7 or 8		
Pitched valley gutters			4 or 5		4 or 5		6 or 7		
Weatherings to cornices and parapets etc			4 or 5		5 or 6		6 or 7		
Damp proof courses			4 or 5		4 or 5		4 or 5		
Apron and cover flashings			4 or 5		5 or 6		5, 6 or 7		
Sloakers			3		3 or 4		3 or 4		

BSEN12588 Code No	Table 3 Flat Roofs		Table 5 Pitched Roofs		Table 6 Vertical Cladding		Table 7 Gutter Linings	
	Maximum spacing of joints with the fall mm	Maximum distance between drips mm	Roof slopes above 10° up to and including 60°	Maximum spacing of joints with the fall mm	Maximum distance between drips mm	Maximum spacing of joints with the fall mm	Maximum distance between drips mm	Maximum length between drips mm
4	500	1500	500	1500	500	1500	1500	750
5	600	2000	600	2000	600	2000	2000	800
6	675	2250	675	2250	675	2250	2250	850
7	675	2500	675	2400	675	2250	2500	900
8	750	3000	750	2500	750	2250	3000	1000



LAPS TO SUIT ROOF PITCH.
SEE DIAGRAM BELOW.

75 MIN

100 MIN

100 MIN

LEAD WEDGES AT 450mm
APPROXIMATE CENTRES

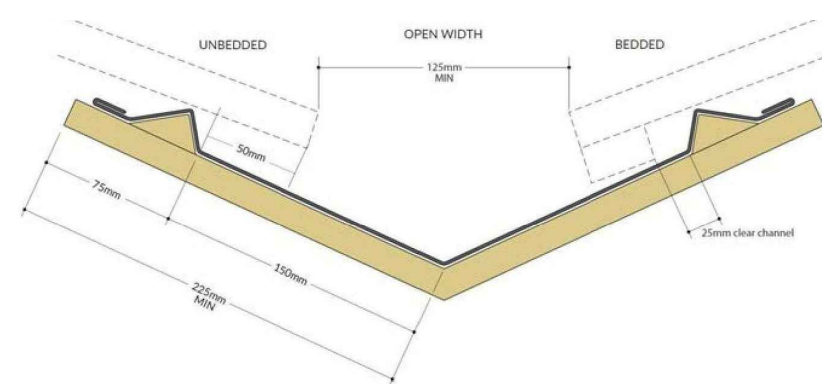
NOTE: NO FLASHING PIECE TO EXCEED 1.5m IN
LENGTH

SCALE 1:5

ALL FLASHINGS SHOULD BE SECURE AGAINST THE RISK OF WIND LIFT. POSITION FIXING CLIPS AT BETWEEN 300-500mm CENTRES DEPENDING UPON THE DEGREE OF EXPOSURE TO WIND.

[illegible]

- Always ensure joints are thoroughly cleaned and no mortar remains
- Individual flashing lengths should not exceed 1500mm
- Joints under 26mm wide should be held firmly in place with Half or Full Standard or Half Clips Pins
- Using Half Clips instead of Lead wedges will help to prevent the easy theft of Lead flashings
- Use at least 1 Half Clip per step when fitting step flashings
- Use 1 Half Clip at 450mm centres and where flashing pieces overlap when fitting linear flashings
- Joints over 18mm wide can also be secured with stainless steel screws and washers
- Use BLM Lead Pointing Sealant to point in the Lead in to the masonry
- Ensure joint is completely dry before applying the sealant
- Cut the Sealant nozzle to suit the width of the joint
 - Minimum depth of the sealant should be no less than 10mm
- The face of the sealant can be smoothed using a wet pointing tool



Lap length to suit

TYPICAL VALLEY DETAIL

TYPICAL VALLEY DETAIL
nts

Rev	Date	Description	Drawn	Checked
Project	For & On Behalf of Irwin Mitchell Holt Hill, Green Street, Holt, Wrexham			
Drawing	Proposed Lead letters Condition 10 CE			
Client				
BM Subtitle Description SUITABLE FOR INFORMATION			BM Subtitle Code \$2	
Status	Planning 2 Riverside Way 302 City Centre (Revised) LEEDS SEP2000 ☐			
Drawn	rsg LDC 40H ECH 2N2 (Checked) 10713 121 8241 15200 885 8602			
Created	e edward@architectures.co.uk			
Scale (A1)	varies e info@edwardarchitectures.co.uk			
0759 - A -		PL16 -		
				