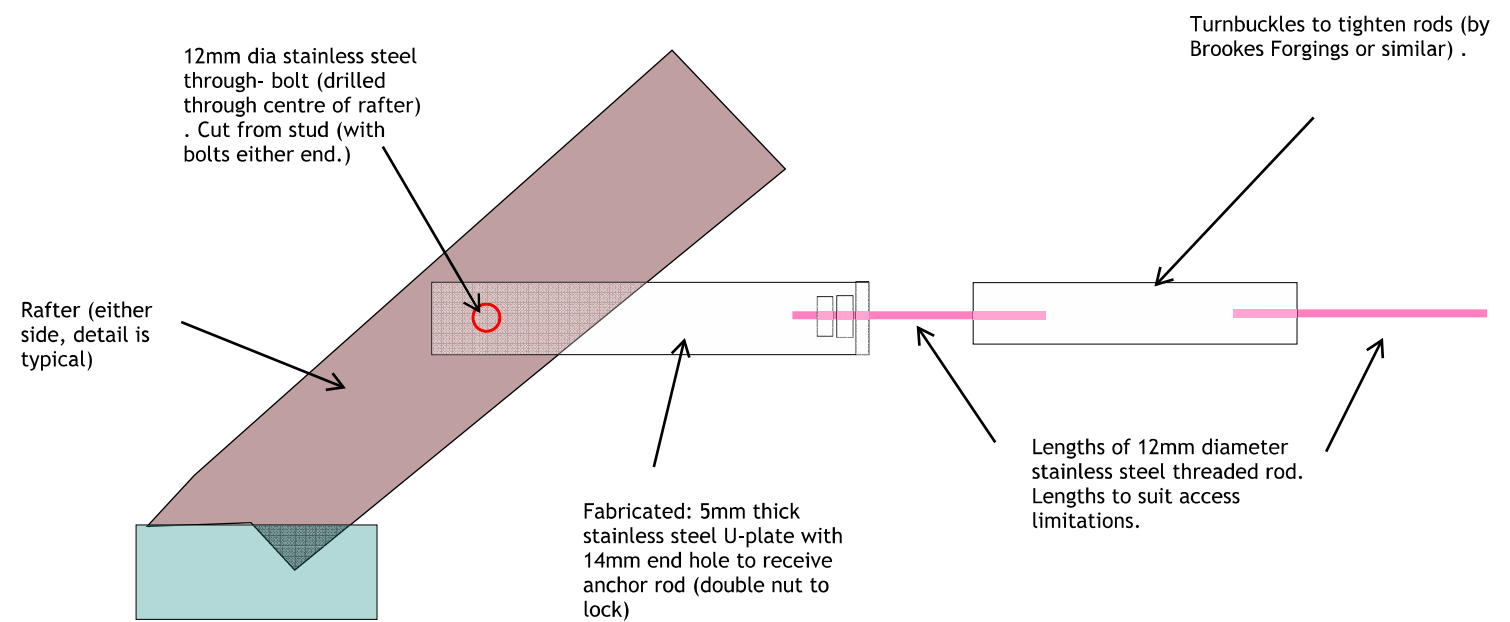


**SCHEMATIC SECTION OF AFFECTED PART OF ROOF.**

**Problem:**  
 Historic absence of any eaves level tie in chimney zone has allowed the opposing rafters to push out at their supports.

**Proposed Solution:**  
 Add an eaves level tie to each rafter supported on the chimney stack



**END EAVES LEVEL TIE DETAIL**

Designation	D	L	T1	T	L1	L2	W	W1
M10	10	100	16.7	100	17	28	12	
M12	12	120	19.0	120	20	31	14	
M14	14	140	21.7	140	23	35	16	
M16	16	160	24.5	160	26	39	18	
M18	18	180	27.5	180	29	43	20	
M20	20	200	30.5	200	32	47	22	
M22	22	220	33.5	220	35	51	24	
M24	24	240	36.5	240	38	55	26	
M27	27	270	42.5	270	44	63	30	
M30	30	300	48.5	300	50	71	34	

( ) = NON STANDARDS PRODUCED FROM 316H FORGINGS