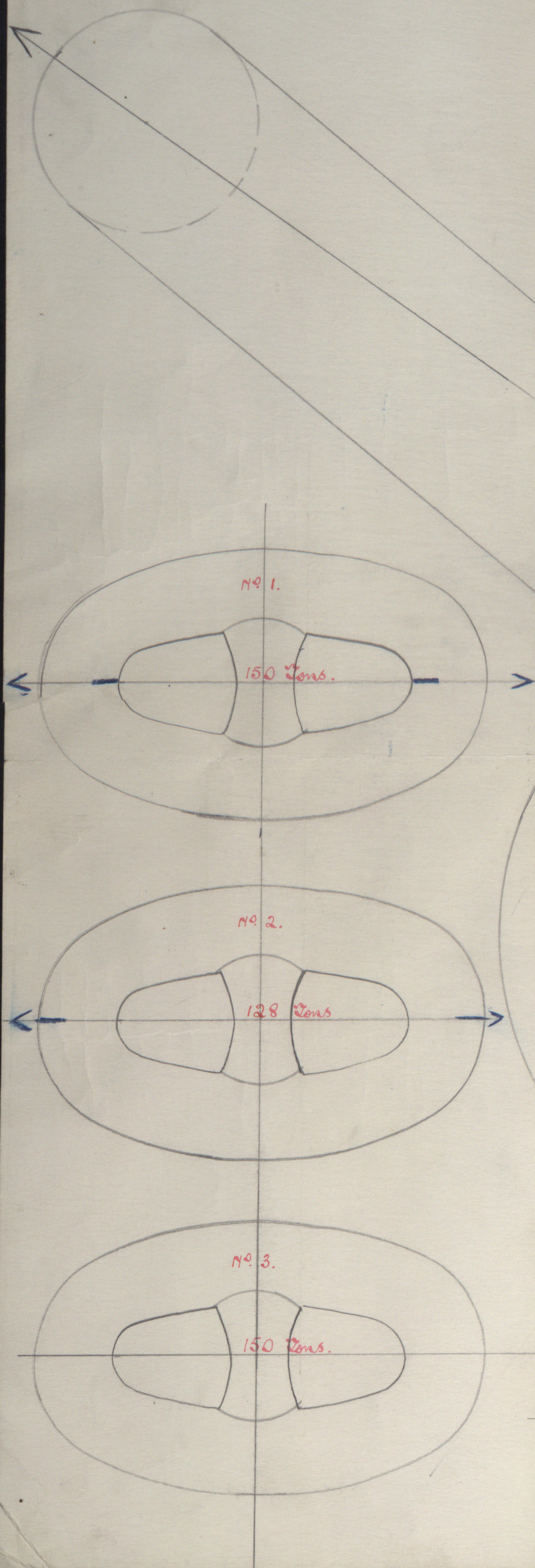
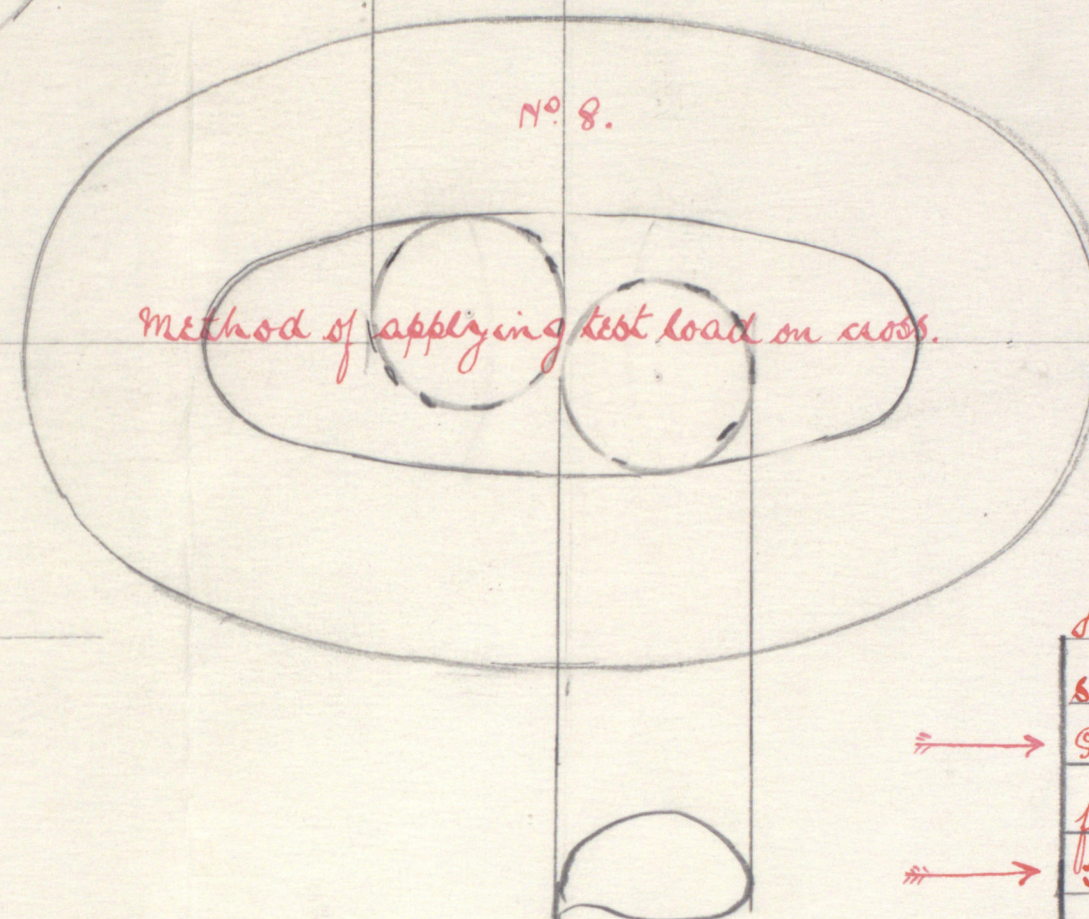
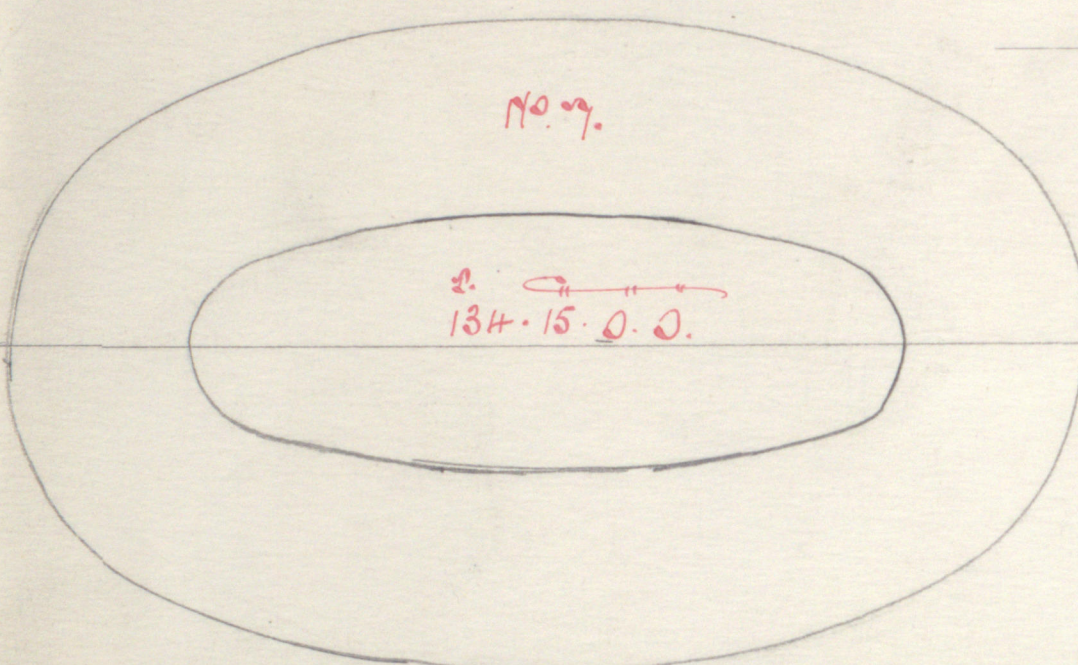


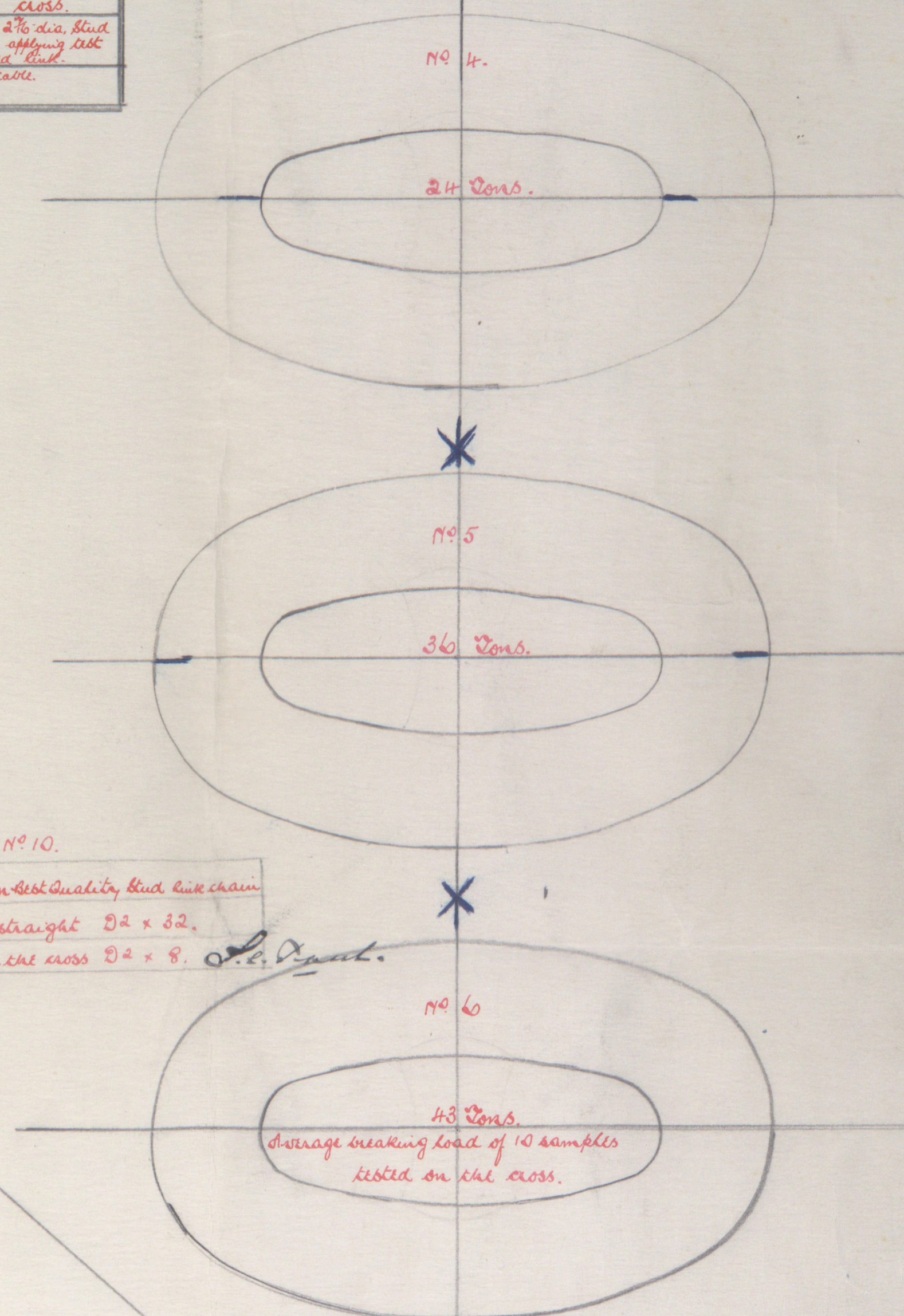
Results of tests carried out on samples of 2 ⁵ / ₁₆ " dia.			Stud link chain cables.		
N ^o 1.	Tons 150.	nicked inside and tested on straight.	N ^o 6.	Tons. 43.	Average breaking load of 10 samples, studs removed, tested on cross, not nicked.
N ^o 2.	128	nicked outside and tested on straight.	N ^o 7.	134 ³ / ₄ .	
N ^o 3.	150	Sample complete with studs, unbroken.	N ^o 8.	.	Method of applying test load on cross.
N ^o 4.	24	Stud removed, nicked inside and tested on cross.	N ^o 9.	.	End link, enlarged link and ordinary link for 2 ⁵ / ₁₆ " dia. stud link chain cable, full size, showing method of applying test load on cross with stud removed from enlarged link.
N ^o 5.	36	Stud removed, nicked outside and tested on cross.			Paul's formula for best quality stud link chain cable.



N^o 9.
End link, enlarged link and ordinary link for 2⁵/₁₆" dia. stud link chain cable, full size, showing method of applying test load on cross with stud removed from enlarged link.



N^o 10.
Paul's formula for best quality stud link chain cable: Tested on straight $D^2 \times 32$.
Tested on the cross $D^2 \times 8$. *L.P. Paul.*



LLOYD'S PROVING HOUSE,
CRADLEY HEATH,
STAFFS.

11th March 1932.
L.P. Paul
Sup^r

All the above tests carried out on samples taken from a 2⁵/₁₆" stud link cable after a statutory test load of 134.15.0.0 had been applied to same and found free from defects.
Practically all samples tested on the cross break at the ends of links shown in full size sketch of the 2⁵/₁₆" stud link chain cable with a small crystalline fracture.
The iron of which the above 2⁵/₁₆" stud link chain cable was made withstood a test load of 21.90 tons per sq. inch, 33.1 per cent reduction of area and 27 per cent elongation on right of fracture.

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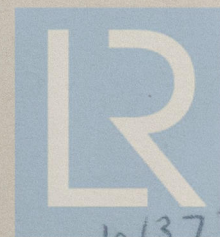
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T.S. Conch. Sho. rpt No 5204/

Results of cable tests - See fradg
Heath Co dated 11th March, 1932.

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