## C DIET Photographs and publications relating to Tarran Industries and the construction of Newland House in Hull 1946

Accession number: 10/54, 15/45 & 23/40

**Historical Background/Biographical Background:** Vivian James Chalwin was born in Surrey. After the war he was manager of Brush Coachworks Ltd and later managing director of J & H McLaren & Petters Ltd. He joined Tarran Industries as Mr Alan Good's (Chairman of McLaren's) representative in Sept 1945 and held the position of production director and later a board member. During his time 20,000 houses were constructed by Tarran. He moved with his family to Australia in 1951.

Mr Chalwin went on to address several gathering in America on the prefab technique and was made a member of the American Concrete Institute recognised for his services and inventions (a membership he held until his death in 1980.) there was a 16mm film too (since deteriorated beyond restoring) and the photos and film were used when he lectured in the US.

Mr Chalwin left a diary which gave the following details relating to the building of Newland House:

Steam curing passed by Professor Webster on the 12th March 1946

April 1st 1946 carried out trial run on steam curing

Follands and Hanible moulds were used

Mr. Kershaw (CSA) carried out the vapour curing

23rd & 24th May 1946 appears they had a practice run

Newland House was commenced at 8 am. on the 28th May 1946. Rain interrupted construction of the roof at 8pm.

Testing took place on the 29th and 30th May 1946

Mr Bryers (CSA) carried out the steam curing

30th May Messrs Beadle, Sanderson & Cumbers (CSA) inspected Newland House 8th August notified that Newland House passed by Bert Combers(?)

**Custodial history:** Deposited by Mrs Elise Thomson, Mr Vivian James Chalwin's daughter in 2010, 2015 and 2023.

**Description:** Photographs of various sizes relating to Tarran Industries and the construction of Newland House which was situated on the corner of Prospect Street and Spencer Street. Some photographs have individual captions explaining what is shown in the picture. Also includes an article relating to Vivian James Chalwin, Industrialist and Sportsman and a drawing of a cross section of a concrete panel.

Extent: 1 folder

Access conditions: Access will be granted to any accredited reader

Hull History Centre: Photographs and publications relating to Tarran Industries and the construction of Newland House in Hull				
C DIET/1	Photographs of various sizes relating to Tarran Industries and particularly of the construction of Newland House. Some photographs have individual captions explaining what is shown in the picture 12 bundles	c.May 1946		
C DIET/1/1	Picture 1: Mr Chalwin, Production Director, briefs erection team before beginning work. Each man is issued with time schedule (2 copies). Picture 2: Concrete based site and scaffolding ready for first day's work. Wall units in position for erection. Picture 3: 8 a.m. before work begins. Picture 4: 8 a.m. before work begins. Picture 5: 8 a.m. before work begins (2 copies). Picture 6: Commencement of erection of wall units (2 copies). Picture 7: Front bay window wall units being erected. Picture 8: General view of erection and fitting of wall units 1 Bundle/11 items	28 May 1946		
C DIET/1/2	Photographs of the construction of Newland House. Picture 9: Close-up - fitting clamps to wall units forming party wall. Picture 10: Progress up to 9 a.m. Picture 11 is missing. Picture 12: Progress up to 10 a.m. Picture 13: Break for morning tea. Picture 14: Floor frames being bolted into position (2 copies). Picture 15: Floor frames being bolted into position. Picture 16: 11 a.m. steel floor frames in position 1 Bundle/9 items	28 May 1946		
C DIET/1/3	Photographs of the construction of Newland House. Picture 17: Use of light crane to lift wall units to first floor (2 copies). Picture 18: Caulking wall unit joints with sealing compound. Picture 19: 12 noon. All steel floor frames and tubular stanchions positioned. All fascias in party wall. Timber sole pieces and lead flashings being fitted prior to fixing first storey wall units. Picture 20: 2 p.m. (one hour for lunch) half first floor front wall erected. Picture 21: Close-up at 2 p.m. Picture 22: 3 p.m. All ground floor wall joints sealed. All first floor wall completed except lintels (20 minutes lost through rain) Picture 23: Progress up to 4 p.m. Picture 24: Progress up to 4 p.m (2 copies) 1 Bundle/10 items	28 May 1946		

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C DIET/1/4	Photographs of the construction of Newland House. Picture 25: Fitting party wall slabs in false roof. Picture 26: Fixing steel roof trusses into position (2 copies). Picture 27: Mr Chalwin assists with refreshments (2 copies). Picture 28: 7.30 p.m. Five roof panels in position. At 8 p.m. all roof panels in place and work finishes for day. Picture 29: 8 p.m. the day's work completed (2 copies). Picture 30: Leading weights on House under test. Picture 31: Fitting ceiling panels (2 copies). Picture 32: The completed Newland House ready for occupation 1 Bundle/12 items	28 May 1946- c.30 May 1946		
C DIET/1/5	Photographs of the interior of Newland House. Picture 33: Interior of Newland House - Entrance, kitchen and stairs. Picture 34: Interior of Newland House - kitchen (2 copies). Picture 35: Interior of Newland House - dining room. Picture 36: Interior of Newland House - lounge. Picture 37: Interior of Newland House - bathroom. Picture 38: Interior of Newland House - one of the bedrooms. Picture 39: One of the bedrooms - Newland House. Picture 40: One of the bedrooms - Newland House 1 Bundle/9 items	c.May 1946		
C DIET/1/6	Four photographs with no captions relating to Tarran Industries 1 Bundle/4 items	c.May 1946		
C DIET/1/7	Photographs relating to the construction of Newland House and Tarran Industries. Some have individual captions 1 Bundle/16 items	c.May 1946		
C DIET/1/8	Photographs relating to the construction of Newland House and Tarran Industries. Some have individual captions 1 Bundle/21 items	c.May 1946		
C DIET/1/9	Twenty one miscellaneous photographs relating to Tarran Industries. No captions. Includes images of factory production with wooden frames, concrete moulds, steel frames and a completed Newland House. 1 Bundle/21 items	c.May 1946		

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C DIET/1/10	Three photographs of Lord Mayor Cllr Herbert Harrison JP and Sheriff of Kingston upon Hull Cllr Herbert Wilfred Jackson Esq at the opening of a block of pre fabricated houses. The site of the houses is unknown. 1 Bundle/3 items	c.1946		
C DIET/1/11	Five photographs of the construction of a pre fabricated house showing the panels coming together in the warehouse 1 Bundle/5 items	c.1946		
C DIET/1/12	Three photographs of a completed pre fabricated dorma bungalow. Address unknown. 1 Bundle/3 items	c.1946		
C DIET/2	Article about Valerie James Chalwin and cross section of a concrete panel 2 items	n.d.		
C DIET/2/1	Article about Valerie James Chalwin Article about Valerie James Chalwin, Industrialist and Sportsman, from the Brush Aboe Group Journal. The article chronicles the career and sporting achievements of Mr Chalwin. Mr Chalwin's family donated this collection to the Hull History Centre. 1 item	n.d.		
C DIET/2/2	Cross section of a concrete panel for a pre fabricated house Two copies of one page of an unknown publication showing a cross section of a concrete panel of a pre fabricated house 1 item (2 copies)	n.d.		