

**G M PINFOLD BSc DIC FICE FIPStructE MConsE - DIRECTOR NCL STEWART SCOTT LIMITED
SCHEDULE OF DISPUTE AND INSURANCE RELATED ASSIGNMENTS**

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
979	Matla Chimney No 2, South Africa	Collapse of 300 m high chimney lining of new power station chimney - R 20 million.	Report to insurers on possible causation for purposes of claim settlement and litigation.	V.R. Salvage & Associates/ Denys Reitz, Johannesburg	Mutual & Federal Insurance
1045	Sasol Chimney No 3 South Africa	Vibration of brick inlet bend of 300m chimney requiring replacement with steel.	Report to insurers on likely causation and application of exclusion clauses.	V.R. Salvage & Associates	Mutual & Federal Insurance
1109	Chira Piura Project, Peru	Flood damage to newly constructed diversion dam, spillway, flood dykes and irrigation canals. US\$ 30 million.	Report to insurers on causation and design defects, preliminary to arbitration. Appeared at preliminary hearings before Arbitration.	International Adjusters Partnership/ Davis, Arnold & Cooper London.	Mr G. Burke QC
1153	R. Magdalena Pipe Crossing, Colombia	Failure of bored underriver crossing for oil pipeline. Required three attempts before success achieved.	Report on possible causes of failure.	International Adjusters Partnership.	-
1154	Antwerp Metro Retaining Wall	Failure of reinforced concrete diaphragm wall causing subsidence of adjacent ground.	Report on possible causes of failure.	International Adjusters Partnership.	-
1156	Riyadh Water Transmission	Premature corrosion of steel reinforcement in RC reservoirs. US\$ 800 000 claim.	Report on causes and application of exclusion clauses	Thomas Howell Kiewit	American International Underwriters.
1268	John Radcliffe Hospital Chimney	Design and workmanship of a 50m high chimney serving hospital boiler and incinerator. £96,000. of defects, preliminary to litigation.	Reported on condition of chimney and identified causes	Clarks, Reading	Mr R. Akenhead
1296	Tarahan Coal Terminal, Indonesia	Subsidence of foundations due to surcharging by land reclamation of foreshore.	Assisted in making predictions of settlement under various load configurations.	International Adjusters Partnership/ McKenna	Mr P. Twigg

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
1338	Bait Al-Falaj, Oman	Workmanship quality and damage during transit of glass reinforced plastics fittings and room linings for museum in Muscat, Oman. £35,000.	Report to Solicitor based on disclosed documents. Traced possible witness to events on site.	Dent, Abrams & Co. Southampton.	-
1352	Chelsea Harbour, London	Heave of basement blinding and foundation due to earth slip as a result of surcharging by spoil heap.	Assisted in making calculations of factors of safety of earthworks against slip.	Contingency Adjusters Partnership.	
1386	Rockware Glass	Actions of a contractor employed to change the electrodes of an electric furnace which led to a substantial spillage of molten glass.	Preliminary advice to solicitor on technical issues; recommended suitable expert as witness.	Hextall, Erskine & Co	N/A
1391	Crystal Palace Housing, London	Earth slip movement and subsidence of railway embankment due to removal of support by contractor's operations on site.	Report on background to excavation and application of exclusion clauses.		CIGNA Insurance
1395	Wharf Road, Islington	Low concrete strengths in continuous flight augured bearing piles	Analysed the different strength test results by the contractor and his concrete supplier. Advised on likely causes of low concrete strength.	Alsop Wilkinson	-
1418	Istanbul Metro	Failure of sheet piled temporary works to cut/cover tunnel.	Report on likely effects of external water pressures on cofferdam works.	International Adjusters Partnership	
1451	Bicester	Dispute on fee due to consulting engineer by a client. £1,800.	Made desk study of papers disclosed by each party and prepared findings.	Acted as Arbitrator, as nominee of President of I.Struct.E under provisions of Conditions of Engagement.	

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
1462	Oxgate Centre, London	Adequacy of temporary and permanent retaining walls along a site boundary and need for adjacent owner to have carried out remedial work where an access road has subsided. £320,000.	Report to solicitor on technical analysis of wall design and events during and after construction. Whether a future earth slip was foreseeable.	Shoosmiths & Harrison, Reading	Mr N. Dennys. CIGNA Insurance
1464	Royal Docks Drainage, London	Subsidence of large diameter concrete drainage pipeline.	Investigated and reported on likely causes of settlement, and application of contract clauses.	Contingency Adjusters Partnership	
1467	E. Toxteth Transit Shed Liverpool	Sufficiency of steel profiled roof cladding to refurbished warehouses with regard to design, materials, workmanship and weatherproofness. £600,000.	Reported on duties of consultant, procedures of specification, design and site supervision.	Squire & Co, London	Mr S. Hurst
1497	The Green, Horton-cum-Studley Oxford	Actions of consulting engineer in relation to design of house foundations which subsequently subsided and required underpinning. £44,000.	Reported to solicitor on advice given by the engineer relative to subsequent designs made by others.	Squire & Co, London	-
1498	80 White Lion Street, London N1	Alleged negligent piled foundation overdesign by a consulting engineer causing a £2 million project to cost more than it needed to have done £100,000	Made study of design implemented compared with other alternatives and reported to solicitor.	Squire & Co, London	-
1515	Coronation Road, Park Royal London NW10	Alleged leaking water main in land adjacent to a construction site, causing delay, disruption and direct costs to Contractors. £250,000	Made study of subsoil conditions regarding the construction problems to be expected and gave opinion on how these might change as a result of the leakage.	Shoosmiths & Harrison, Reading	Mr N. Dennys

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
1518/1	Cold Store, Marsh Lane, Boston	Adequacy of design and construction of of a £1.5 million refrigerated cold store, the floor having settled, the mechanical stacking system jammed and the superstructure showing distress. Claim £5.3 million	Reported on floor settlements recorded compared with what could have been expected. Investigated the causes of the settlement and proposed scheme for corrective measures.	Freeth Cartwright, Nottingham	Mr S.L Lofthouse
1534	Waltham Forest Waterpark	Alleged non performance by a sprayed concrete sub-contractor in producing watertight swimming pool shell structures, entailing delay, extra water tests and remedial works. £70 - 80,000 claim and counterclaim.	Reported on evidence of workmanship quality, both original and remedial work. Gave opinion on validity of water tests and the reasons for the leakages.	Mr J. Beagley	-
1535	Majuro Capitol Marshall Islands	Subsidence settlement of partially constructed government buildings on coralline deposits.	Report on likely causes of settlement and alternative ground improvement measures.	McLarens/ Kennedys	St. Pauls. Fire & Marine
1575	Rugby Cement Southam Works	Damage to lining of chimney on account of explosion damage. Whether damage to whole of lining attributable to explosion, part or none.	Investigated damage and gave opinion on causation. Concluded that damage was consistent with explosion.	McLarens	CIGNA
1615	Lindsey Refinery, S. Humberside	Accident to chargehand scaffolder during dismantling of birdcage scaffold used for internal refurbishment of 37 m diameter 18 m high steel tank. Damages claim of £10 000 on account of heat stroke.	Opinion on likely environmental conditions inside tank with respect to temperature and humidity at the time of the accident.	Bridge McFarland, Grimsby	Mr R Glancy

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
1652	Nestle Ltd, Dalston	Failed bolts and cracking in steel shaft of 56 m high steel chimney. Whether design/construction of whole chimney faulty.	Investigated cause of actual damage and concluded that there was an isolated manufacturing defect apart from which the structure was sound.	Watson-Burton/ Cunningham Hart	Nerys Jessod
1662	Queen Mother Sports Centre, Pimlico	Deteriorated glass reinforced cement cladding to building; Remedial works estimated at £750 000.	Diagnosis of problem, develop remedial solution, whether design/construct contractor acted in accordance with best current practices.	Laytons, Bristol	Mr A Bartlett
1691	European Bank Bishopsgate, London	Defective floor screed and thin sheet PVC wearing surface over an area of 200 sq. m.	Opinion of acceptability of floor, need for remedial work and efficacy of same	Edge & Ellison, Leicester	Mr M Bowdroy
1697	Wind Farm Newtown, Powys	Failed bolts and cracking in steel shaft of one tower; whether caused by site erection procedure, claim of £52,000	Investigated cause of actual damage and effects of known manufacturing defects	Edward Hollinsead, Stoke-on-Trent	Mr M Stephens
1699	Long Eaton Sewer Derbyshire	Breakdown of minitunnelling machine in pipejacking operation of 1m diameter sewer line. Required new shaft and relaying of 25m of pipeline in open trench. Claim of £120,000.	Opinion on likely cause of breakdown and whether damages mitigated by contractor.	Thomas Howell	Lloyds
1716	Greenly House London EC3	Explosion in basement of office building caused by ingress of gas from a fractured pipe in the adjacent street. £6 million (reserve)	Study not completed	British Gas Solicitors Department/ J R Knowles	-

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/ or Loss Adjuster</u>	<u>Counsel/or Insurer</u>
1738	Royal Albert Hall	Collapse of part of an existing floor undergoing alteration work £50,000 (reserve)	Opinion on whether the circumstances bring the claim within the insurance exclusion clauses.	Fenwick Elliott/ Graham Miller & Co	CIGNA
1744	Beckenham Crematorium	Failure of steel chimneys serving two cremator units. Claim of £50,000	Report on mode of failure, design and materials selected	Dibb Lupton Alsop	Mr AGourgey
1785	Bray Water Supply Scheme	Whether unforeseeable ground conditions pertained in respect of dewatering an excavation for a below-ground pumping station. Claim of £187,000.	Opinion on whether, from ground investigation reports and other data readily available, a contractor should have anticipated greater inflows of of ground water than he designed for.	Manches	-
1826	Brentapac House, Laindon, Essex	Study of heave of a warehouse floor and external handstandings and related difficulties with racking and damage to the building. Claim of £400,000.	Opinion on how heave was dealt with at design stage and relative responsibilities of the consulting engineer and the turnkey contractor.	Manches	Mr A Nissen
1836	126 Hills Road Cambridge	Alleged errors by designer of £10 million turnkey building development	Opinion on quantum and validity of claims against the designer's PI insurance	Squire & Co	-
1838	Sainsburys/M&S Hedge Lane Southampton	Alleged errors in setting out causing corrective work to building components	Opinion on whether corrective work was caused by errors in setting out or by other reasons.	Squire & Co	Mr I Wright
1853	Oil tank failures N. Ireland	Alleged faulty mould design for polyethylene oil storage tanks, Claim of possible £350,000	Opinion on duties of mould maker as against product designer/ manufacturer. Gave evidence in Court.	Kippax Beaumont Lewis	Mrs Naula Quinn
1866	Celia Johnson Court Borehamwood	Subsidence of drainage pipework to housing complex built on site of waste dump. Claim not yet quantified	Opinion on cause of subsidence and adequacy of site investigation used for design of development.	Hanson-James Associates	CIGNA

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/ or Loss Adjuster</u>	<u>Counsel/ or Insurer</u>
1867	Pheonix Scaffolding	Fire damage to scaffolding at a new building under construction	Opinion on the quantity of scaffolding to be scrapped, and its likely value.	Marlow LMS	Crowe Underwriting Services
1911	Ford Motor Co, Dunton, Essex	Subsidence of foundation into adjacent excavation during construction work. Claim of £2 million.	Opinion on cause of the failure and the responsibilities of the various parties involved. Gave Evidence in Court.	Dibb Lupton Alsop	Mr T Stow
1917	Residential Development, London	Alleged defective design and installation of bearing piles to a medium rise development (claim £42,000)	Opinion on whether design defective, safe load of the piles as built and design of alternative remedial schemes.	Radcliffes Crossman Block	-
1933	VERT plant Nuremburg.	Damage to virification furnace due to refractory failure, and consequential loss of production	Opinion on cause of failure, and extent of consequential, physical damage to furnace.	McLarens	Cornhill
1934	Pauls Malt, Wallingford	Claim for contamination of shipment of malt by mastic from steel silos	Inspect silos for deposits of mastic. Opinion on whether method of erection was unusual.	Hanson-James Associates	CIGNA
1946	Sainsbury, Cheam	Allegation of subsidence to property adjoining construction site.	Opinion on various possible causations and assessment of contractor's construction procedures.	Greenwoods	CIGNA
1959	Archery Close, Maidstone	Ground heave to domestic property already underpinned.	Whether remedial underpinning was sound in design and implementation.	Davies Lavery	
1961	Unigate Dairy, S. Wales	Fire damage to factory building	Whether firestops were properly designed/installed in original construction.	Dibb Lupton Alsop	

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/ or Loss Adjuster</u>	<u>Counsel/ or Insurer</u>
1974	Nant Melyn Culvert, S Wales	Deformation of 250m long corrugated metal culvert. £780,000 claim.	Extent to which culvert is safe and propose remedial measure. Checked design flow and hydraulic performance.	Rowe & Maw	Mr D Streatfield James
1980	Highfield Farm Access Road	Alleged defective construction of access road to stud farm. £10,000 claim.	Survey and report on defects and cost estimate of remediation.	Bray Noorani	
2020	Piling at Texas Homecare, Farnborough	Alleged defective design of concrete bearing piles to warehouse floor.	Opinion on likely damage to piles during driving, and whether piles inherently defective in design.	Squire & Co.	
2046	Jubilee Line Canary Wharf Station	Alleged failure of cofferdam giving rise to extra expenditure claimed at £14 million	Civil engineering aspects of the cofferdam design, construction, remedial work and effects on succeeding construction.	Cameron McKenna/ Trett Consulting	Mr M Harvey
2064	Worthing Hospital Chimney	Dispute between demolition contractor and client regarding expected form of construction.	Expert view on the expected construction from an analysis of the tender documentation	SOMA Contract Services	
2076	Argos distribution center, Bridgewater	Damage to stock as a result of roof gutter overflow, resulting in losses and remedial work of £340,000.	Independent check of design rainfall intensity and design of proprietary roof drainage system. Reported for litigation and gave evidence in Court	Kennedys	Mr D Turner/ ACE Insurance
2085	Byron Court Aylesbury	Cracking of housing units as a result of clay heave during construction. Cost of remedial piling and part reconstruction £110,000.	Causation and whether foreseeable. Reviewed desk study, site investigation and foundation design procedures.		ACE Insurance
2096	Oresund Bridge, Denmark	Status of pre-cast concrete regarding resistance to frost as a result of failed salt scaling tests. Quantum not yet established.	Review of various national salt scaling tests and their relevance to expected performance. Studied mix designs and quality procedures.	Trett Consulting	

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/ or Loss Adjuster</u>	<u>Counsel/ or Insurer</u>
2116	BELCO, Bermuda	Partially slipformed concrete chimney out of plumb and with low strength concrete.	Visited site to review design and assess construction. Whether non-compliance led to lack of fitness for purpose. Chimney was demolished and rebuilt.		
2135	Mayday Energy Centre	Flue system serving new diesel generator blew apart twice. It was alleged that the genset had to be replaced because of explosion damage.	Inspected diesel engine and reported that no detectable damage had occurred.	Cunningham Lindsey	
2152	Soft Drink Plant, Sarajevo	Partially completed steel framed/clad 12500 sq. m plant collapsed under snow load. £500,000 damage.	Visited site and checked design of building and snow loading. Advised that snow load exceeded locally specified amounts.	Crawford THG	ACE Insurance
2160	HIS Extrusions, Rymney, Gwent	55,000 litre buried GRP tank failed due to external water/soil pressure.	Reported that concrete base and surround were defective in both design and workmanship	Manches	Mr A Nissen (Adjudicator)
2223	Lincoln University	Water Ingress at roof of new building during heavy rain. £750,000 to £1,000,000 damage.	Visited site and noted details of drainage system. Checked design flow and traced problem to blockage in pipe near exit to building	Dibb Lupton Alsop	ACE Insurance
2239	NRA Bisley Clay Ranges	Flood damage to partially completed earthworks due to heavy rain.	Visited the site. Reported on design relative to vulnerability during construction in terms of rainfall/runoff that occurred.	Hanson-James Associates	ACE Insurance
2247	Sainsbury, Walton-on-Thames	Collapse of pre-cast concrete building frame during course of erection.	Visited site, reported on mode and causation of collapse.	Hanson-James Associates/Shoosmiths Solicitors	ACE Insurance
2248	Old Police Station site, Staines	Deflection of sheet piling temporary works allowing earth movement and damage to adjacent property.	Visited site, reported on method compared to that specified.	Hanson-James Associates	ACE Insurance

<u>Job No</u>	<u>Name</u>	<u>Nature and Quantum of Dispute</u>	<u>Advice Given</u>	<u>Solicitor/ or Loss Adjuster</u>	<u>Counsel/ or Insurer</u>
2257	Forman & Son, Hackney Wick	Flood damage to existing fish smoking factory premises.	Visited site, reported on repair methods. Investigated for damage to freezer room floor slab.	LMS Marlow	ACE Insurance
2285	Chase Farm Hospital, steel gates.	Security attachments on top of new steel gates fell off and caused personal injury. £50,000 claim.	Made site inspection, reported on cause of detachment to assist in apportionment of liability between the Health Trust, Contractor, Architect and Sub-Contractor.	Shoosmiths	Various Insurers
2308	Woolworths, Aylesbury	Damage to newly laid thin plastic flooring at refurbished store. Failure of adhesive due to water, claim £176,000.	Investigation into whether water ingress from flooding of site, or whether floor laid before screed properly dried.	Shoosmiths	
2322	Camden Sewer blockage	Existing untraced sewer across development site blocked by concrete piling for residential buildings. £260,000 claim.	Reported on the drainage history of the site to establish if the Developer or Contractor could have known about the line of the sewer.	Kennedys	Mr N. Moody/ ACE Insurance
2343	Baldovie Chimney, Dundee	Disputed safety of newly constructed 70m steel chimney on grounds of alleged design Shortcomings. £45,700 claim.	Checked original design and the allegation of defective design and reported an opinion.	Dickinson-Dees	