

■■■ SERVICES PROVIDED

TSA have extensive experience in the housing market, ranging from high end residential refurbishments to multiple flat occupations. We can deliver 'best fit' design solutions in all areas of building services including;

- Heating systems
- Hot water systems
- Ventilation systems
- Lighting designs
- Packaged plantrooms
- Pipework design
- Power design
- Air conditioning
- Heat recovery
- Part L&G compliance
- Environmental noise compliance
- PV solar thermal Panel designs
- External lighting
- Daylighting
- Thermal insulation
- Underfloor heating
- Water boosting
- Water softening
- Fire & security alarms
- Access control
- Housing automation
- DALI lighting systems
- Energy conscious designs
- Swimming pool/ gym design
- Summertime temperatures
- Natural ventilation calculations





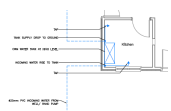
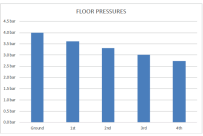


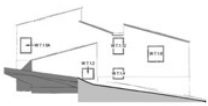




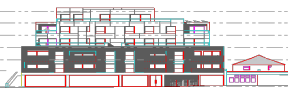



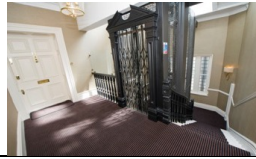



■■■ We provide all services from initial feasibility to handover. We work with the client at all stages of the project to ensure that their interests are best served by the proposed design.

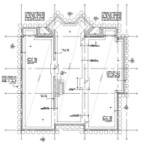
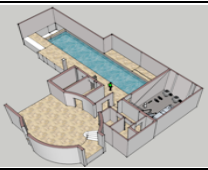









■■■ www.tsaservices.co.uk

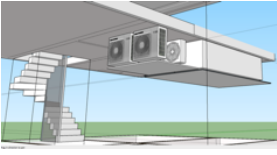
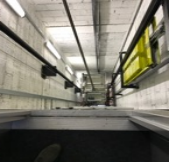








Previous Commissions
























	PROJECT	DESCRIPTION	CATEGORY	SECTOR	AREA	LOCATION	YEAR
	Troy Flat	Part F Building Regs compliace	Design (Mechanical)	Residential	<1,000 m2	London	2019
	Chiswick Green Studio	M&E design for refurb of 2 flats being merged into 1, in West London Luxury development.	Design (Mechanical)	Residential	<1,000 m2	London	2019
	Pitfield Street	Design advice for Contractor re 8 flat development	Design (Mechanical)	Residential	<1,000 m2	London	2019
	Courtfield Gardens	Lead-lined tank replacement & water services upgrade of 14 Flats in Kensington	Design (Mechanical)	Residential	4000	London	2019
	Goodlands House	Residential House new build inc. ground source heat pump	Design (MEPH)	Residential	<1,000 m2	UK - South West	2019
	Sri Lanka Bungalow	Generic MEPH Design to be used for 100+ modular built community homes.	Design	Residential	2000	World Wide	2018
	Park St Camberley	MEPH Design of 8 Flat new build	Design	Residential	<1,000 m2	UK - South East	2018
	Murray Road	Residential House new build	Design	Residential	3000	London - Wimbledon	2018
	Bishop's Road Parsons Green	Residential House AC issues	Design	Residential	2000	London - West End	2018
	Broad Blunsdon Swindon	Large House Design - air source heat pump	Design	Residential	2000	UK - South West	2018



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	Barwell Flats Leicester	MEPH Design of 14 flats	Design	Residential	3000	UK - Midlands	2018
	National Terrace	Drainage Design (extension above a sewer)	Design	Residential	2000	London	2018
	Purley High Street	MEPH Design of 36 flats	Design	Residential	3000	London	2018
	Bordon Residential Care	Residential Care & hydrotherapy unit - New Build	Design	Residential	4000	UK - South East	2017
	Phillimore Gardens	Residential House Refurbishment	Design	Residential			2017
	AL MASARAH Jeddah	Design Review of large residential complex in Saudi Arabia	Design	Residential	4000	World Wide	2016
	Ashley Gardens (77)	M&E Design	Design	Residential	<1,000 m2	London - Kensington	2016
	Kensington Court Gardens	M&E Design - Prestige Residential Kensington	Design	Residential	2000	London - Kensington	2016
	Leathes House	Residential House new build to high specification including water mist sprinklers, underfloor heating and tight plantroom.	Design	Residential	2000	London - Wimbledon	2016
	Ashley Gardens (79)	M&E Design for luxury flat conversion inc. underfloor heating and confined plantroom conditions.	Design	Residential	2000	London - Kensington	2016
	Fairfield South	M&E Design - Prestige Residential Kingston	Design	Residential	<1,000 m2	London	2015

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	Neville Drive	M&E Design - Prestige Residential Hampstead	Design	Residential	4000	London	2015
	Buckingham Avenue	Prestige Residential Finchley	Design	Residential	2000	London	2015
	Church Mount	Prestige Residential Finchley	Design	Residential			2015
	Little Moor	Basement Car Park Design	Design	Residential			2015
	Wells Mews	Prestige Residential Kensington	Design	Residential	2000	London - West End	2015
	Bryanston Square	Prestige Residential Kensington	Design	Residential			2014
	King Street Twickenham	M&E Design for house conversion to flats.	Design	Residential	<1,000 m2	London	2014
	Elvaston Place	Prestige Residential Kensington	Design	Residential			2014
	Durham Place	Prestige Residential Belgravia	Design	Residential			2014
	Montagu Mansions	Prestige Residential Belgravia	Design	Residential	<1,000 m2	London	2014
	Pont Street	Prestige Residential Belgravia	Design	Residential	<1,000 m2	London	2014

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	Ashmead House Womersh	Boiler relocations	Design	Residential			2014
	Lyll Mews	M&E Design for prestige residential which included a new basement build and roof garden extension.	Design	Residential	<1,000 m2	London - Belgravia	2014
	Croydon Lift Replacement	Lift refurbishment project - 8 lifts	Design	Residential	20000	London	2013
	Old Hall Sundridge	Heating and HWS advise on listed property	Design	Residential			2013
	Chesham Street	Building Services design, tender and supervision of prestigious residential 5-storey property in Belgravia incl AV, full AC, rain-shower, solar HWS, U/F heating, internet controls etc	Design	Residential	4000	London - Belgravia	2013
	Woodlands Road	Full design for complete high quality refurbishment with underfloor heating	Design	Residential			2012
	Bookham Court & Edinburgh Court	Design of electrical infrastructure	Design	Housing	10000	UK - South East	2012
	60 Albert Hall Mansions	Full design for complete high quality refurbishment including full cooling and electrical services	Design	Residential	<1,000 m2	London - Kensington	2012
	Victoria Grove	Full design for complete high quality refurbishment including underfloor heating and electrical services	Design	Residential	<1,000 m2	London	2012
	Fairoaks	Residential air conditioning design	Design	Residential	8000	UK - South East	2011
	Mill Beach Caravan Park	report on caravan park electrical supply	Design	Housing			2011

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	St Olive's House	Feasibility and design of air conditioning replacement	Design	Residential	4000	UK - South East	2011
	Mercian Housing Electrical Support	Heat loss calculations and storage heater specification	Design	Housing	2000		2010
	Cambridge Court	HWS Calorifier and boiler refurbishment	Design	Residential			2010
	Merton Priory Heat Loss Calculations	Heating upgrade	Design	Housing			2010
	Aberdeen Close	Design & Project Management of new heating/HWS services for block of 6 flats	Design	Housing			2010
	Decent Homes Heat Loss Calculations	Heating upgrade	Design	Housing			2010
	Streatham Hill	New build flat design, all services	Design	Housing			2009
	Smoke Detector Inspections	Installation checks on smoke detectors	Design	Housing			2009
	45 Lockwood Place	Heating feasibility	Design	Housing			2009
	Dombey Street	Design of heating system for listed flat including planning application	Design	Residential			2008
	Queens Court Heating	Heat loss calculation and heating proposal	Design	Housing			2008

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	Clerkenwell Court Storage Heaters	Heat loss calculation and heating proposal	Design	Housing			2008
	Newington Estate	Central Boiler House boiler replacement and underground district heating mains pipework renewal	Design	Housing			2007
	Thaxted House - Electrical	Monitoring of electrical load to calculate available spare capacity	Design	Housing			2007
	Thaxted House	Design of new high efficiency boiler plant , plus heating to 96 Flats. Solar preheat to HWS calorifier feeding fully boosted HWS PHE + gas-fired condensing boilers, new risers & distribution to each flat	Design	Residential			2007
	Fairlight Hall	Design of electrical external distribution for country house	Design	Residential			2006
	Wamer Estates Rewire	Full Contract Management, cost control and quality control for the rewiring programme for some 200 properties to bring them up to Decent Homes Standards	Design	Housing			2006
	CircleAnglia Contract Procedures	Production of specifications and contract documents for various term maintenance contracts including: -Lifts -Water Treatment -Communal Gas -Fire Protection & Emergency Lighting Management of OJEC tendering process, tender	Design	Housing			2005
	CircleAnglia Estate Lighting	Design and contract management of estate lighting upgrade budget for various estates	Design	Housing			2005
	Priory Court Estate Lighting	Design of estate lighting	Design	Housing			2005
	Stafford House Aldershot	Design of electrical services to apartment block	Design	Housing			2004
	Circle 33 Faraday House & Ferry Street	Design of estate lighting	Design	Housing			2004

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	Rusper Court	Full design duties – Mechanical, Electrical & Planning Supervision. New high efficiency boiler plant & micro-CHP installation, plus heating to 70 Flats. Energy Grant application via the Carbon Trust. Bio-fuels and CHP option appraisal. Refurbishment of main electrical intake riser and sub-mains installation whilst maintaining supplies	Design	Residential			2003
	South Bucks Council Offices	Redlaw VAV units - office refurbishment & testing	Design	Housing			2002