



Established 1973

The Complete Solution

The Complete Solution

THE FULLY INTEGRATED SMART HOME

There is so much hype surrounding 'Custom Installation', 'Smart Homes' and 'Home Automation' here we outlay a basic understanding of this terminology.

Generally speaking, the custom installation of any home automation will include anything that gives the end user control over the various



technologies or 'sub-systems' found in the home; from security, lighting, heating, ventilation and air conditioning (HVAC); to more advanced hi-tech - home theatre, motorised curtains and blinds, data and wireless communications networks.



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No matter how much control integration takes place, if the end user cannot fully understand and operate comfortably a home automation system, then it's not really a 'smart' home at all.

At CAI Vision we understand this fundamental principle, so we integrate a variety of disciplines that will compliment and enhance an end users lifestyle.





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THE FULLY INTEGRATED SMART HOME

Many Companies call themselves custom installers, but will they meet all your requirements?

Most custom installers will design and commission the systems but 'will not' install the cable infrastructure or security disciplines, leaving the client to deal with yet another contractor, hence our mission statement 'The Complete Solution'.



What CAI Vision do is unique in the custom installation market therefore we are the perfect partners to Architects, M&E consultants/contractors, Interior designers and Housebuilders.



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THE FULLY INTEGRATED SMART HOME DISCIPLINES

- **Home Automation & Systems Integration** - all systems are controlled by an easy to use Graphical User Interface (GUI)
- **Multi-Room Audio-Video** - enhances media experience throughout the home
- **Home Cinema** - from large scale plasma HDTV sets to full 'drop-down' cinema screens with projector
- **Television, Radio, Media and Satellite Distribution** - an HDTV and media cable infrastructure with connection to multiple TV networks
- **Automated Lighting, Curtain and Blind Control** - for Dinner parties, viewing movies, relaxation and other social gatherings. An away mode simulates occupancy, and integration with the alarm system further increases security
- **Telephone, Internet and Data Network** - Cat 5e Cat 6 data cabling, voice and data integration and wireless network
- **Intruder Alarm** - sophisticated Intruder detection systems with Police response
- **Fire Detection** - full house detection systems either, stand alone or linked to an Intruder Alarm
- **Closed Circuit Television** - IP or traditional cameras with sophisticated recording and remote viewing via GUI
- **HVAC** - integrated control of all the heating, ventilation and air conditioning systems
- **Electrical Installation, Inspection and Testing** - carried out by Qualified Electricians

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Control Interfaces



A wide choice in controlling all Home Automation/Multi-Room Audio Visual, Home Cinema, TV, Radio, Media and Satellite Distribution, Lighting, HVAC, Telephone, Internet, Door and Gate Entry/Automation and Security Systems. Wherever you are, home or abroad - using either a touch pad, hand held controller, Blackberry or Android mobile, an iPad, iPhone or iPod Touch.



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Why choose CAI Vision?

- **Experience**

over 37 years experience in providing a complete and comprehensive range of: Audio Visual, Communications and Security solutions directly to end users, blue chip organisations and government.

- **Professional accreditations**





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Who has chosen CAI Vision

HOME OWNERS	M&E CONTRACTORS & CONSTRUCTION	DEVELOPERS & HOUSE BUILDERS	ARCHITECTS, CONSULTANTS & INTERIOR DESIGNERS	LISTED BUILDINGS & MUSEUMS	RETAIL & COMMERCIAL
<ul style="list-style-type: none"> • John Cleese • Sir Peter Davis • Brit Eckland • Seb Fontaine • Theresa Gorman • Nigel Lythgow • Des O'Connor • Michael Portillo • Ben Fogle • Christopher Biggins 	<ul style="list-style-type: none"> • EMCOR Engineering Services • Apollo Property Services • Essex Services Group • HKH Building Services • Breyer Group • Galliford Try • Mansell • Skanska • Roof • Mullaley 	<ul style="list-style-type: none"> • St James Homes • Wates Group • Wimpey • Sir Robert McAlpine • Trafalgar House • John Laing • Taylor Woodrow • Kier London • Richardson • Manhattan Loft Corporation • Parkheath Estates • Ruskin Homes • Telford Homes • Antoli 	<ul style="list-style-type: none"> • Ove Arup • Wolff Architects • Found Associates • Pellings LLP Consultants • Robert West & Partners • M&E Design Services • Howard Humphreys • David Miles & Partners • Fisher ID • Beverley Williams Interiors 	<ul style="list-style-type: none"> • No10 Downing Street • The Home Office • The Foreign Office • The Old War Office • The M.O.D. building Whitehall • St Pancras Chambers • Natural History Museum • The Old Bailey • Tower of London • Royal Naval College • British Museum • River & Rowing Museum 	<ul style="list-style-type: none"> • Prada • FCUK • Paul Smith • Citadines Aparthotel • Commercial Union Assurance (Aviva Tower) • Various International Embassies • Maroush Restaurants • Movida Night Club • Penthouse Night Club • Sevenoaks Sound & Vision



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Project: Custom Installation, North London



CAD drawings with CAI Vision overlays



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Project: Custom Installation, North London



When we first considered the complete refurbishment of this prestige property, our goal was to create a truly exceptional detached period residence.

Our designs featured outstanding entertaining areas, a stunning Tsunami kitchen/family/informal dining area, a fully sound proofed cinema room, an indulgent principal bedroom suite and a stylish contemporary rear garden.

For the custom installation we needed a single company that would supply and install all of our requirements, giving us one source of contact and expertise. We chose CAI Vision, one of only a handful of companies able to design, supply and install all parts of a custom installation.

CAI Vision worked closely with [Wolff Architects](#) and [Interior Designer Beverley Williams](#) to design , supply and install state-of-the-art Home Cinema, Multi-Room Audio-Video, Automated Lighting, Curtain and Blind Control, Television, Radio and Satellite Distribution, Telephone, Internet and Data Network, Intruder Alarm, Fire Detection, Closed Circuit Television, Heating, Ventilation and Air conditioning Control, Electrical Installation, Inspection and Testing.

We've got to hand it to CAI Vision. They delivered exactly what they promised, the very best in home entertainment systems with security to match.

We will be working together again very soon.

Oliver Harris, Antoli Developments



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Project: Custom Installation, North London

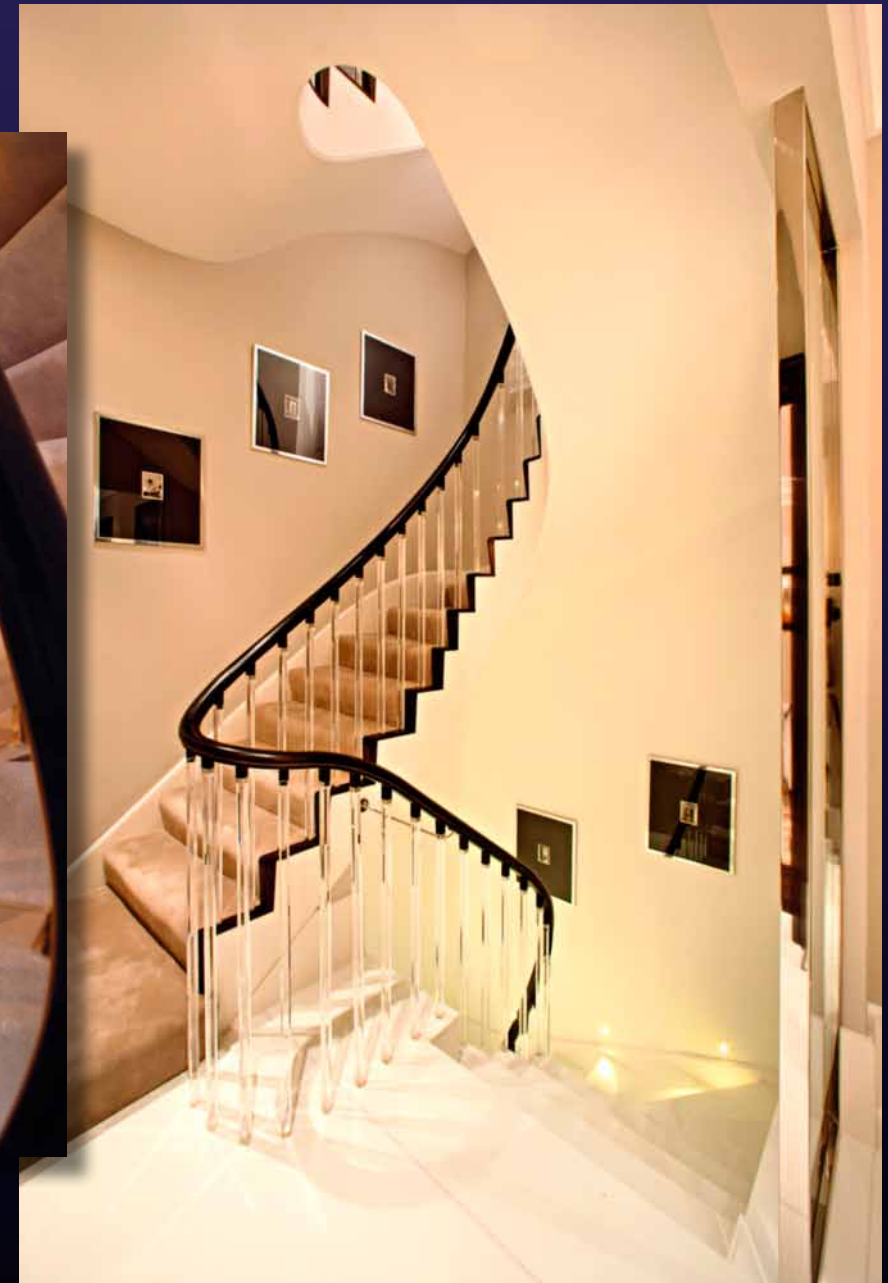


CCTV, Video Door and Gate Entry with Automated Gates ... take a look inside



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Project: Custom Installation, North London



A stunning lighting operation to set the mood for every occasion



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Control over High Definition Audio and Video via a hand held controller



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Full control of automated Curtains and lighting

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Whilst enjoying full HD entertainment in the kitchen,
you can welcome visitors at the front door



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Project: Custom Installation, North London

The ultimate home cinema experience ... this really is the 'wow' factor

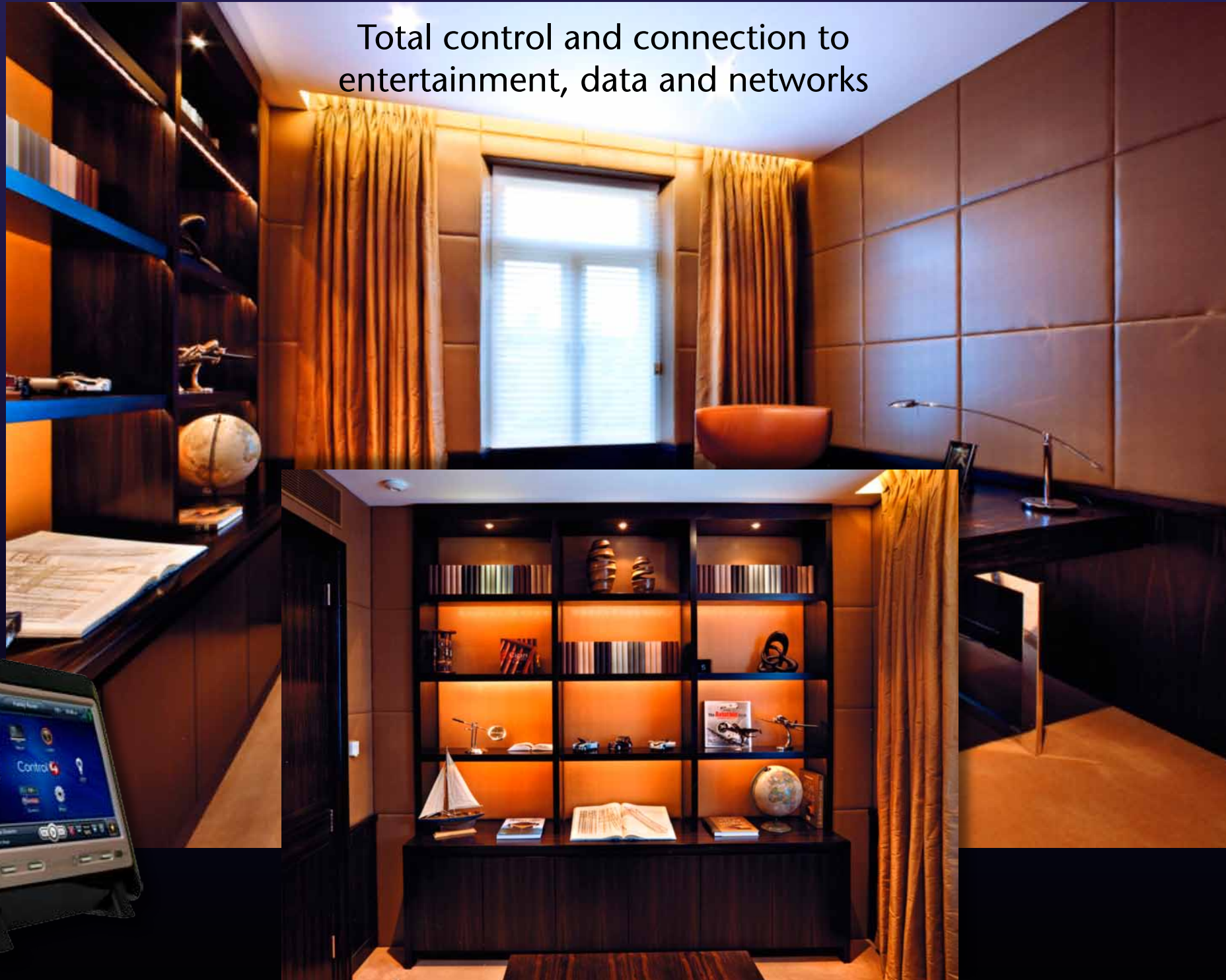




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Total control and connection to entertainment, data and networks





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Project: Custom Installation, North London

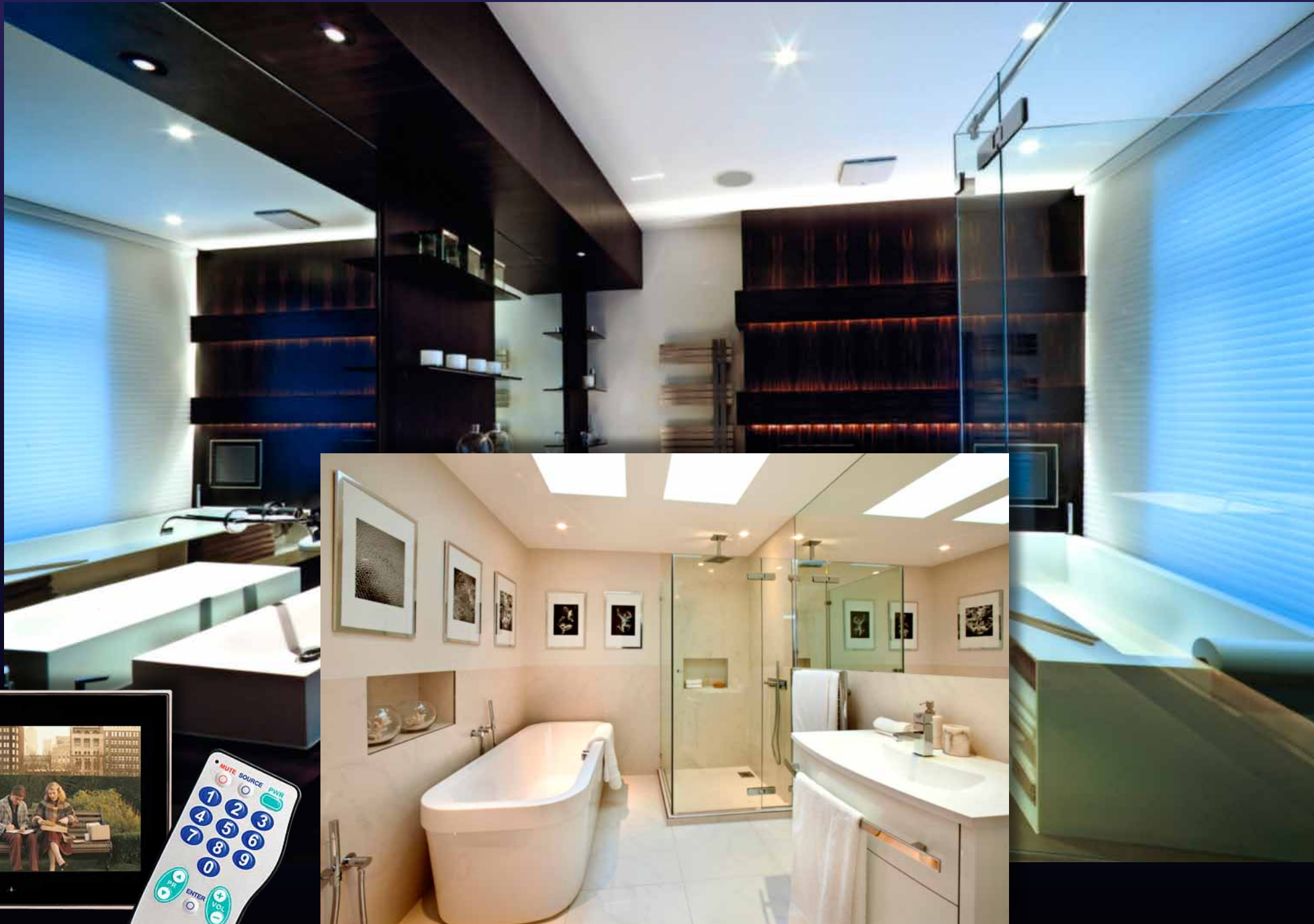
Fingertip control of lighting, video and audio systems





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Project: Custom Installation, North London



Sound and vision whilst you relax



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Project: Custom Installation, North London



Control outdoor mood lighting and sound, it makes a great party piece



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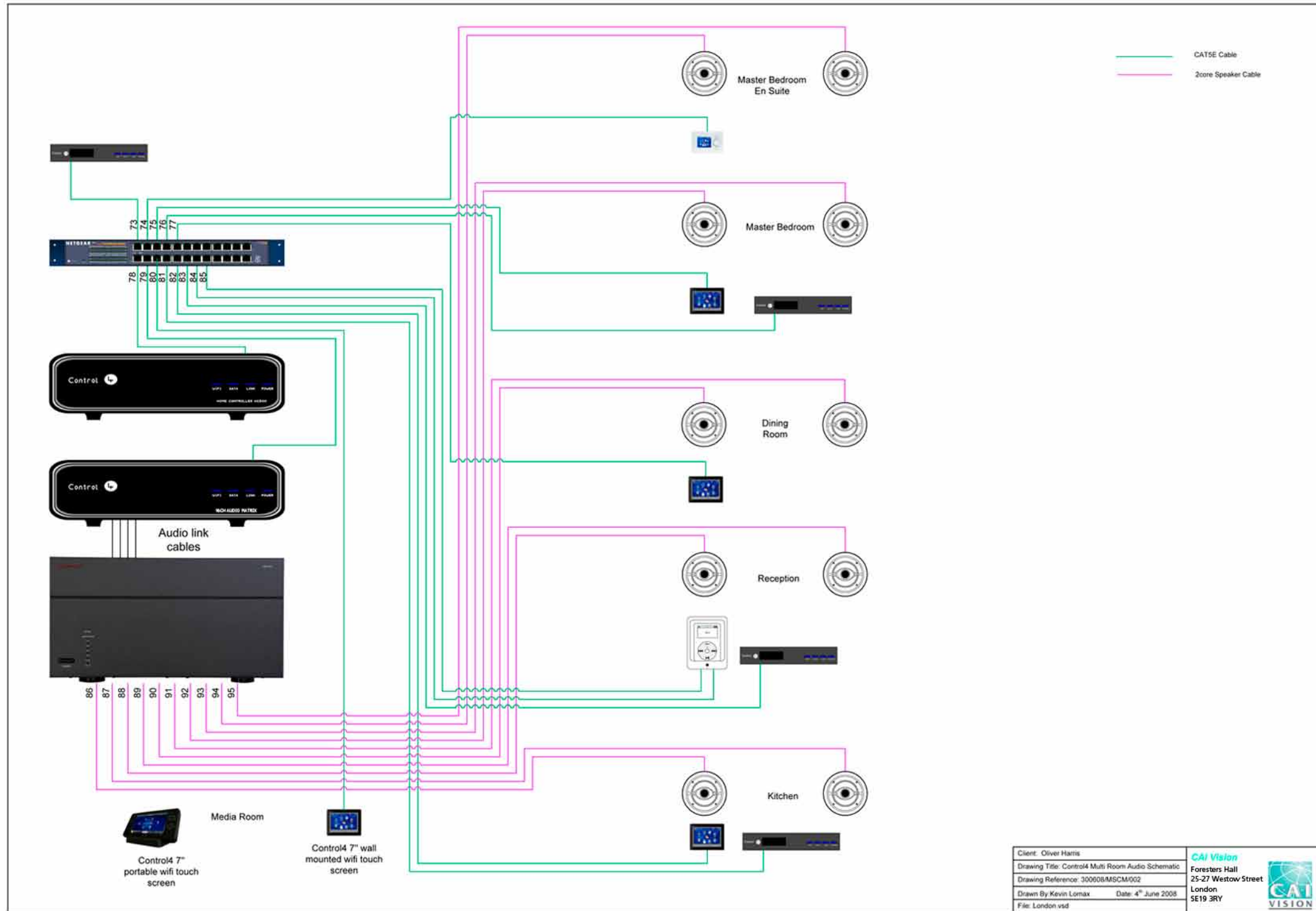
Project: Custom Installation, North London - Systems Specification

- **Home Automation/Multi-Room Audio Visual:** 1 no HC500 Home Controller, 4 no HC200 Home Controllers, 1 no Digital Amplifier, 3 no SR250 remotes, 1 no 16 Channel Audio Matrix, 8 pairs of RTL621 speakers, 1 no Iport in wall docking station, 1 no 4" mini touch screen, 4 no 7" touch screens, 4 no zigbee repeaters, 1 no system rack
- **Home Cinema:** Panasonic PTA3000 Projector, Panasonic ceiling mount kit, Cinemax HD 250 Audio tab tensioned screen, Cinemax screen interface, Pioneer 6090 Plasma TV, Onkyo 609 Amplifier, Future Automation Plasma bracket, 5 no Kef ci 9000 in wall speakers, 1 no Kef Kube 2 Sub woofer, Panasonic Blue ray player, Sky HD box, 1 no Control4 7" portable screen, 1 no iPod docking station
- **TV, Radio, Media and Satellite Distribution (Integrated Reception System):** 1 no Aerial Array and 2 no Satellite dishes to provide Sky and Eutelsat Hotbird, 11 no TV/Satellite Outlet Points, 1 no 8 way distribution amp, 1 no 4 way distribution amp, 1 no Amp expander, 1 no RF modulator, 1 no Sky Box, Special addition – free standing fabricated galvanised patio bracket
- **Televisions:** 3 no Pioneer 50" Plasma TV's, 4 no Pioneer 42" Plasma TV's
- **Aquavision Televisions:** 2 no Aquavision Televisions
- **Lighting Control:** Lutron Homeworks 76 no lighting circuits, 16 no bright nickel 5 button switches, 3 no series 8 main control panels
- **Telephone, Internet & Data Network:** 24 no double outlets, 1 no 48 way patch panel, 1 no Apple AirPort 4 way wireless hub, 24 no custom finished face plates
- **Door/Gate Entry and Gate Automation:** 3 no custom finished chrome Ophera video monitor/handsets, 1 no External video BPT vandal resistant gate panel c/w keypad, 1 no External audio BPT vandal resistant door panel, 1 no Gate Interface
- **Security:** A comprehensive monitored NSI Gold Accredited Intruder Alarm and CCTV system has been installed. However, for Security purposes we are unable to provide full systems specification or drawings.
- **All systems include:** 1st fix cabling, labour, consumables, programming and commissioning



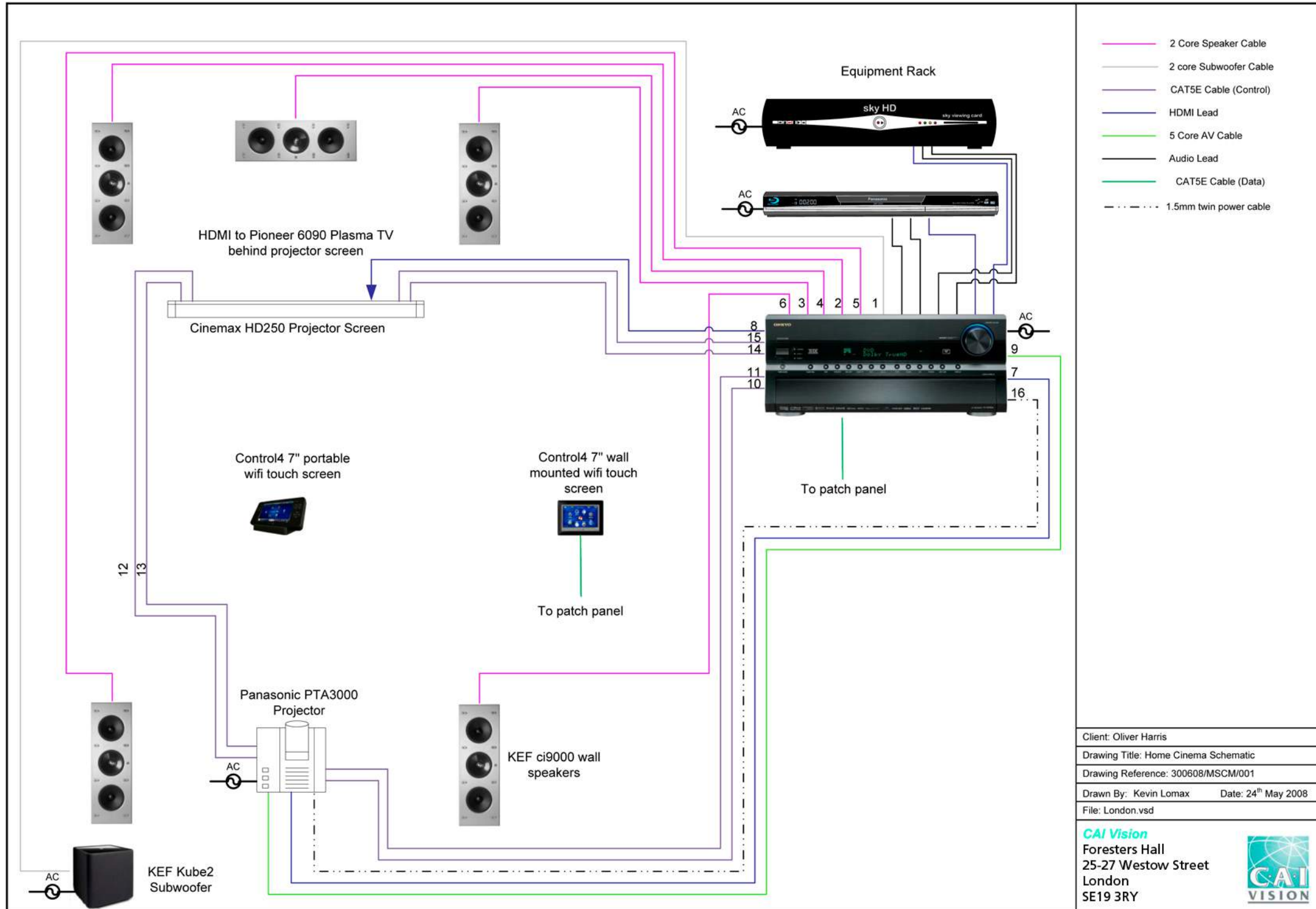
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Project: Custom Installation, North London - Home Automation/Multi-Room Audio Visual



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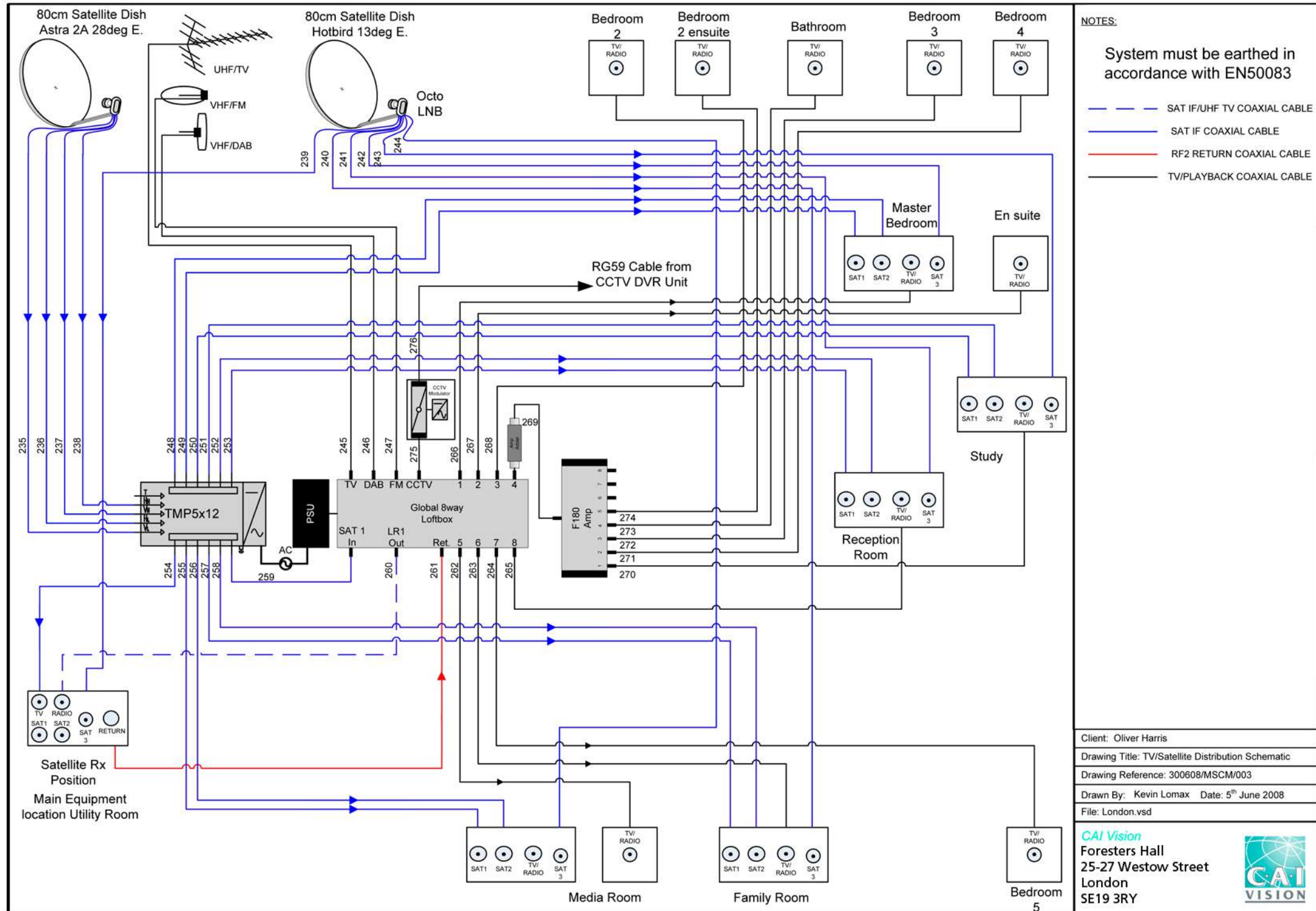
Project: Custom Installation, North London - Home Cinema





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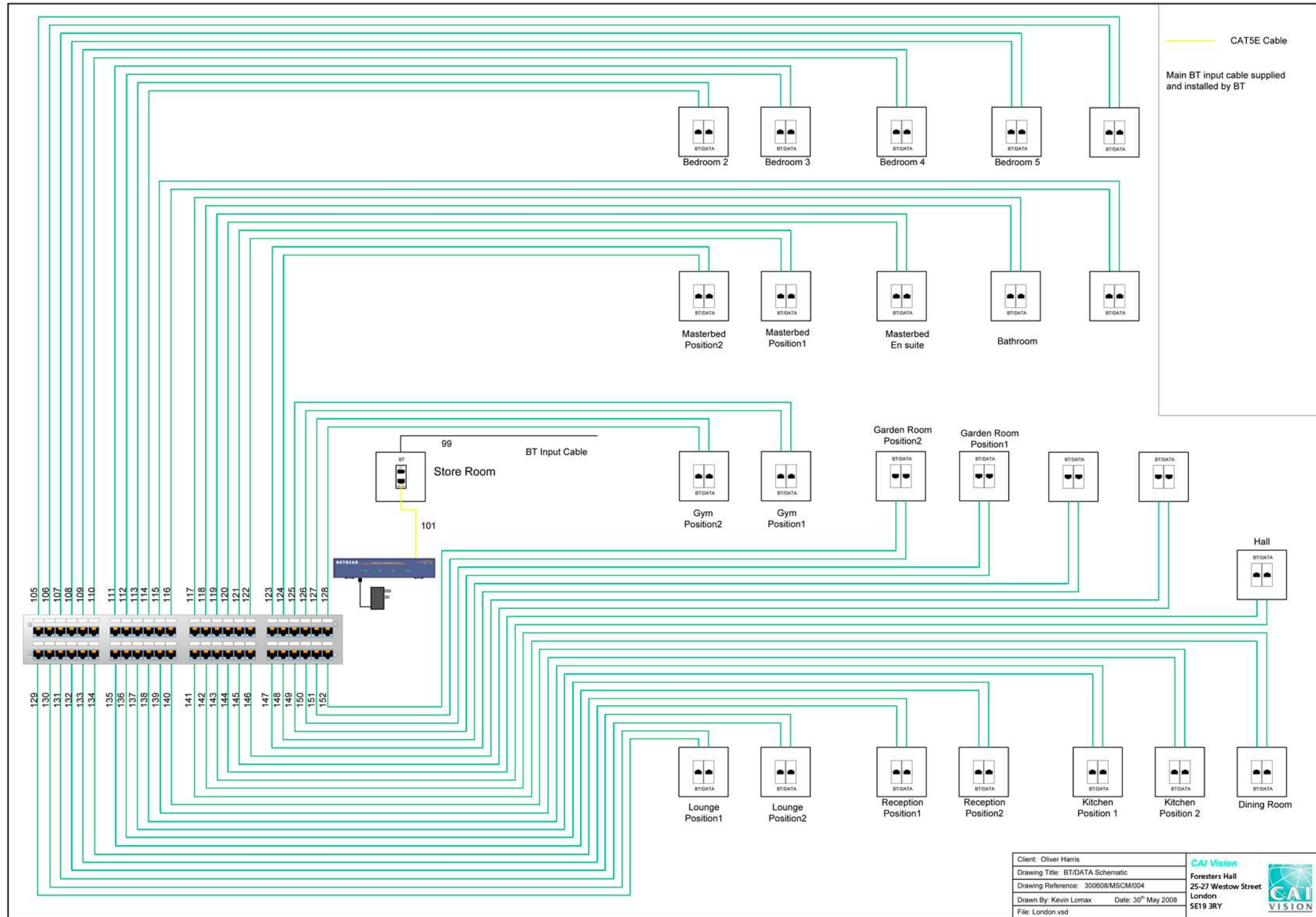
Project: Custom Installation, North London - TV, Radio, Media and Satellite Distribution





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Project: Custom Installation, North London - Telephone, Internet & Data Network

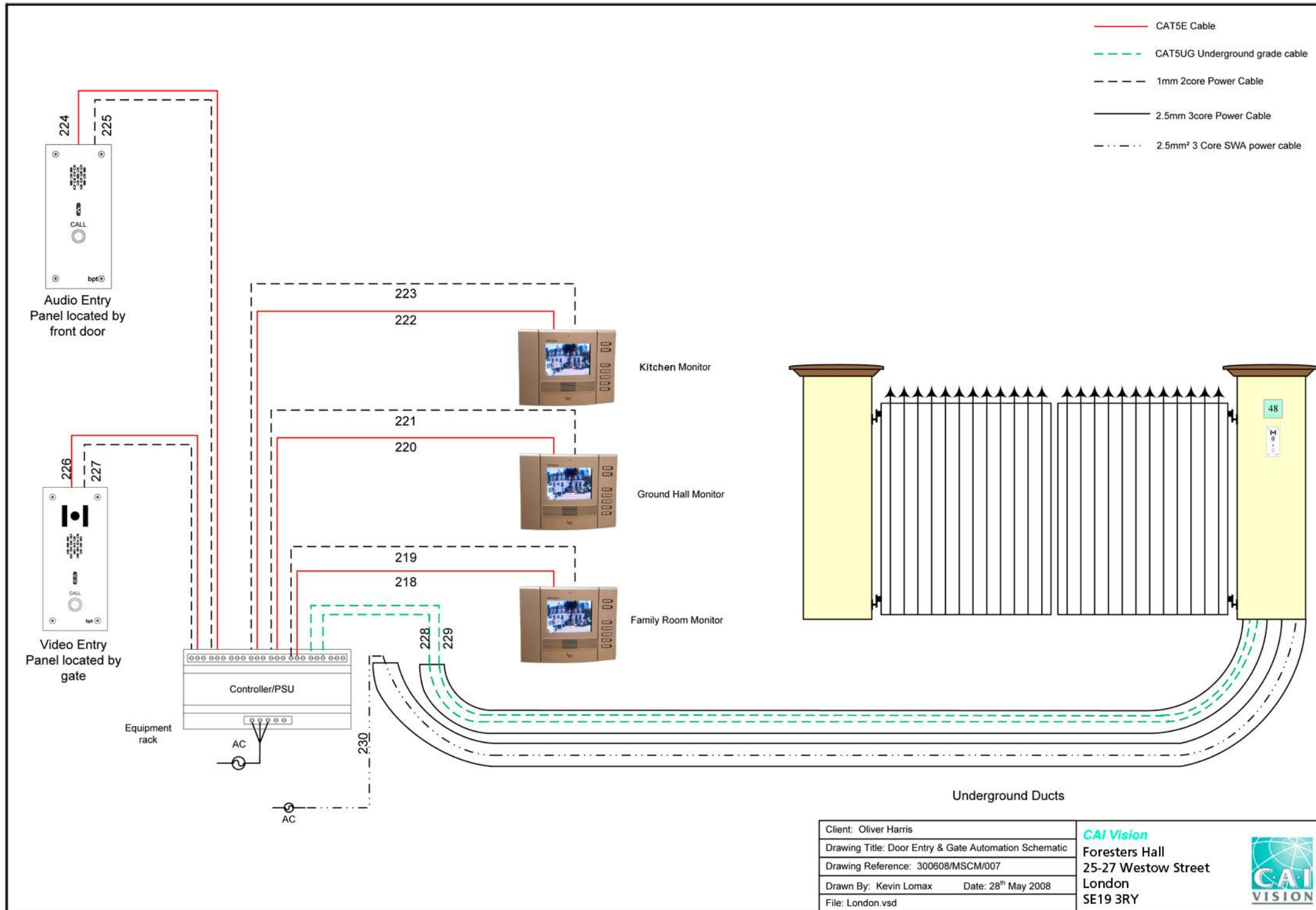


Client: Oliver Harris	CAI Vision
Drawing Title: BT/DATA Schematic	Foresters Hall
Drawing Reference: 300608/MSCM/004	25-27 Westow Street
Drawn By: Kevin Lomax	London
Date: 30 th May 2008	SE19 3RY
File: London.vsd	



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Project: Custom Installation, North London - Door/Gate Entry and Gate Automation





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