Visuals and Timecodes	Audio
10:00:27:02 Shots of deserted London streets	Music
	Janice Kirkpatrick - Graven Images
10:00:40:22	Design has always been about control, about controlling the
Shots of deserted London streets	environment, about controlling populations, about controlling how people react to dominant regimes or
10:00:54:00	architectural styles.
10:00:56:15	From the beginning of time powerful people have fought to control how we
Shots of deserted London roads	communicate and the environment in which we live. It's almost like architecture and design bring about
10:01:12:06	the props and backdrops against which we dramatise our lives.
10:01:16:10	
This programme contains 73,826 individual images constructed around an indefinable concept	
10:01:20:25	
10:01:20:26	
YOUCAN'TMAKEAFILM ABOUTDESIGN	
10:01:23:22	
Fade to Graven Images frontage	
10:01:32:01	
	Janice Kirkpatrick - Graven Images
10:01:32:01	In 1985 when we set Graven Images
Interior of Graven Images offices	up, there was no-one else in Scotland working across disciplines and we very much wanted to see if we could have a company that was based in this cross disciplinary way of working
Interview shot of Janice Kirkpatrick	this cross-disciplinary way of working. We've got architects, interior

Interior of Graven Images offices 10:02:12:10	designers, graphic designers, people who also lead double lives as musicians, or filmmakers or who are interested in lots of different things. The work that we do covers all of that spectrum of activity from international travelling exhibitions to interior architectural work to corporate identity, branding, graphic design work, and more and more I think we're moving towards developing new brands on behalf of ourselves and other clients.
Looking through pictures	Ross Hunter - Graven Images
10:02:13:21 Interview shot of Ross Hunter	This is a restaurant we designed called Favorit. It's a bit like one of those places that have always been there. It's a cafe but it's also a bar, it's a coffee oben it's a delivery can ge
Back to looking at pictures	a coffee shop, it's a deli, you can go there and get some pasta sauce and take it home and heat it up or you can sit down and eat the pasta in situ. The secret of this sort of venue is it's a place where people won't just go once a month or once a week, it's a place where people might go 2 or 3 times a day. This is a restaurant in Glasgow called Tuntun. It uses quite
Interview shot of Ross Hunter Back to looking at pictures	hard finishes, there's a lot of tiling, there's a lot of real stone and the overall feel is perhaps a little bit 60s. We've got these great chairs, these big round white leather tub chairs and it has something of the feel of Barbarella perhaps.
Fade to Tinder Box 10:03:21:03	The next project in here is a coffee shop called Tinderbox which is in the west end of Glasgow and the thing that was interesting from our point of view about this project was to try and make a place where people were going to feel a bit more relaxed, somewhere that you could spend 2 or 3 hours rather than just 15 minutes so it's got more in common with a typical bar or a traditional pub than it has with a retail outlet.

	Janice Kirkpatrick - Graven Images
10:03:21:22	I think designers do have at their finger tips an army of methodological
Interview shot Janice Kirkpatrick	analytical tools, methodologies, things that allow them to approach a situation almost like an archaeologist
Graven Images offices	but a social archaeologist as well as somebody working with tangible things you can touch and feel and see. I think a willingness just to listen, to be able to ask the right questions and to listen and to be able to draw out what the fundamental and dynamic aspects are of any situation
Pictures of past projects	because the one thing that you can be sure of, that there are no 2 projects that are ever going to be the
10:03:53:01	same.
	Ross Hunter - Graven Images
10:03:54:22	The ideal project is one which involves all of the disciplines, which involves 2 dimensions and 3
Graven Images office interior	dimensions, which involves architectural space and also which involves a sensitivity to the existing
Interview shot of Ross Hunter	context. I think many mistakes have been made especially in the design of bars where people try and create something which is a template you know, on the basis of a very rigid template and that looses huge
Fade to Tinder Box frontage 10:04:19:08	opportunities to do something which responds to the specific environment.
	Kirsty Lang - Graven Images
10:04:21:00	This is a Tinderbox site that we did 2 years ago and we're now going to
Exterior Tinderbox	take the whole brand and the whole idea down to London in Islington in
Interview shot of Kirsty Lang	Upper Street and what we're going to do, the reason I'm going today is basically just going to try and decide on what materials and what kind of elements have been successful on this site and which ones we're going

10:04:42:04	to retain and which ones we're going to improve on.
Interior Tinderbox	Kirsty Lang - Graven Images
10:04:46:15 Kirsty Lang and Tinderbox man in discussion	What we've done is we've bought all our material together from the first Tinderbox site, this side, and what we thought was which materials out of all this palette would someone say is, if
Pan around Tinder Box interior	we asked any of these guys here what they'd associate with Tinderbox. I think the main one would be the stainless steel and probably a lot of the coloured red glass. These are all
Kirsty Lang and Tinderbox man in discussion.	quite hard materials and I think part of the success of these is that we've used a lot of timber to soften it so just to make that more comfort feel.
Tinder Box exterior shot	Tinder Box Man
10:05:14:17 Kirsty Lang and Tinderbox man in discussion	In terms of the frontage Kirsty, it's the way that we've going to manage to raise the profile of the store from the outside against all the other shops that are already there.
	Kirsty Lang - Graven Images
10:05:26:06 Outside Tinder Box, looking in at discussion.	I think so, I think I think we have to introduced like a 3 dimensional sign that's sitting out so that the whole view that you've got going along Upper Street you know, has got your CJ sign sitting out and it's quite strong and I think that what's really successful here is the stainless steel frame to the window. I think we've got that exactly, that we'll have a screen with
Fades out	Janice Kirkpatrick - Graven Images
10:05:44:16 Interview shot of Janice Kirkpatrick	A good day's work in this part of the world is still regarded as something which you have something to show for it and I think whilst we're learning about service industries there's still a great deal of value placed on the act

10:05:58:10	of making something.
10:05:59:03 – Fades in	
SURFACE	
10:06:05:23 – Fades out	
Shots of fabrics	Alistair McAuley - Timorous Beasties
10:06:06:05	When we originally graduated we decided that we would have our own studio where we could produce our fabrics. We were constantly being confronted by the textiles that we
Interview shot of Alistair McAuley	would never ever have. You would never want to have them for your house so our idea was to indulge ourselves and say well this is what we would really like for our place so we are looking to revamp the whole idea of the way that people would look at
10:06:29:01	textiles, especially interior textiles.
Pan over to Paul Simmons	Paul Simmons - Timorous Beasties
10:06:30:05	It's trying to make things more
	It's trying to make things more interesting as well. I think that's what sort of drives us really is really, you know, you look at the market and it's really about what isn't there rather than what is there and that's where
Fade to fabrics 10:06:48:16	interesting as well. I think that's what sort of drives us really is really, you know, you look at the market and it's
Fade to fabrics	interesting as well. I think that's what sort of drives us really is really, you know, you look at the market and it's really about what isn't there rather than what is there and that's where we try and design, in those gaps and
Fade to fabrics	interesting as well. I think that's what sort of drives us really is really, you know, you look at the market and it's really about what isn't there rather than what is there and that's where we try and design, in those gaps and there's loads of them. Alistair McAuley - Timorous Beasties We go from the design, you know,
Fade to fabrics 10:06:48:16	interesting as well. I think that's what sort of drives us really is really, you know, you look at the market and it's really about what isn't there rather than what is there and that's where we try and design, in those gaps and there's loads of them. Alistair McAuley - Timorous Beasties

	where we produce all the different
	colour ways before we actually go to
10:07:16:17	the final print line.
Interview shot of Paul Simmons	Paul Simmons - Timorous Beasties
10:07:17:03	The traditional designs that we do,
	you know, we change the scale, we
	put images that are quite unusual. I
Close up of the thistle design	mean this is a very traditional design of a thistle but the scale of it's
	massive. It's about a metre and half
10:07:27:07	across this one.
Shots of fabrics	Alistair McAuley - Timorous
	Beasties
10:07:28:20	But over the years what we realised
	was that people were pigeon-holing
	our style of work and our business in this very traditional, very sort of
Back to Paul and Alistair sitting at	classic, all be it unusual because of
table	the sort of scales etcetera. What we decided to, well, consciously do was
	to promote a side of ourselves which
	was more kind of contemporary, or to
	be seen as more modern, more contemporary. So we started
	developing a range of designs that
	were based on kind of every day
10:07:56:02	things like weather maps for example and circuit boards.
Fade to fabrics	
10:08:04:04	
STRATA BAR	
10.00.05.00	
10:08:05:06	
Interior of the Strata bar	Alistair McAuley - Timorous
	Beasties
10:08:04:13	We were approached by the client
	who gave us the full run to actually produce the floor coverings and wall
	coverings down to the light fittings
	and we worked with another
	company, One Foot Taller, so you have their remit which is product
	design and ours which is surface

	pattern. We had some upholstery
10:08:22:04	fabric but basically their only surface decoration was these laminates.
	Paul Simmons - Timorous Beasties
	Paul Simmons - Timorous Beastles
10:08:22:05 Material shots	I mean this material is quite unusual in that it can be put over curved
Back to Paul and Alistair sitting at	surfaces and it also comes in a
table 10:08:34:04	transparent form as well. But what was interesting about it was that it
	was being used in a very dull way
	Alistair McAuley -Timorous Beasties
10:08:34:05	It was actually for exterior signage so
	it had very good sort of durability. Also we developed the idea that we
Deut and Alistoin eitting at table	could have it clear so that rather than
Paul and Alistair sitting at table	just covering it over a cheap material you could actually cover over
	something which itself was a good quality, say a birch, ply or something.
	You still see the wood coming
	through but you have this graphic quality to it and it becomes part of the
10:08:59:04	furniture. It opened us a whole new area for us in surface decoration.
	area for us in surface decoration.
10:09:02:22	
PRODUCT	
10:09:06:03	
	Katty Barac – One Foot Taller
10:09:09:16	We've started off by producing
	products because we had to prove that we were able to produce
Katty in interview	products and were able to have things which were successful on the
10:09:20:13	market.
	Will White - One Foot Taller
10:09:22:15	We never had much money to put
Will in interview	into tooling and stuff so we relied on manufacturer's good will reallythis

	is an ashtray that we did for one person.
	Katty Barac - One Foot Taller
10:09:34:18	We started deciding to do more and
Katty in interview	more complicated things. There's a clock that we did, again using sand casting which is really simple and there's only one piece of casting in it, the rest is just held together by these rubber O rings.
	Will White - One Foot Taller
10:09:52:22	That eventually led on to a good break which was doing the chair.
10:09:58:07 Will showing chair	This is the first one we did and it's made of polyethylene which is a bit like nylon in a process called rotational moulding.
	Katty Barac - One Foot Taller
10:10:09:22	It's a really simple technique. It's like putting something in the oven and turning it around.
10:10:15:17	Because it's so simple, it's difficult to
Katty and yellow chair	make kind of spiky shapes. It's difficult to make chairs so we thought well, how can we get around that, have something that's cheap to invest
10:10:44:01	in but still an elegant chair.
	Katty Barac - One Foot Taller
10:10:28:24	It comes out of the, of the machine as a single sort of balloon shape and
Katty and yellow chair	then it's cut down this line and then we swap over the pieces, bolt them together and you get a chair that's got
10:10:44:01	4 legs rather than a thing with 2.
	Will White - One Foot Taller
10:10:50:01	We were worried that with the smaller
Will and grey chair	chair that we would be competing against injection moulded chairs.

40.44.00.00	Although it's a nice idea we felt that if we did an armchair, which there aren't any really in the same competition, we would kind of get a bit of the market we hadn't had
10:11:06:20	before.
	Will White - One Foot Taller
10:11:09:00	We make up this solid shape out of woodit's a bit messy now butyou
Katty and Will with grey chair	make your form, glue up lots of bits of plywood and then carve it basically. We use the thing that's a bit like a chain saw so it's very untechnical and quite hands on. So we carve this
10:11:32:19	huge piece of wood.
	Katty Barac - One Foot Taller
10:11:33:00	And we had rods sticking right
Katty and Will with grey chair	through this and that piece there so we'd have them together like this some of the time and then swap them over to make sure that the edges all went to the same place so it was just
10:11:50:01	like hands on sculpture chair.
Nice House door	Andy Harrold - Nice House
10:11:53:02	The first piece of design we did was with One Foot Taller on a project
Andy Harrold interview shot	called the chasm chair. There hasn't been a decent chair from Scotland that isn't Mackintosh that we can think of and that was the starting point of the brief. You know sort of the rest is
Shot of Andy discussing chair with One Foot Taller	history because it has just gone so fast.
	[sync dialogue] The image of the design has travelled to every corner of the world. With the adventure that we've had in the design, we're getting more and more interior designers and specifyers, thinking about the chair in relation to the overall scheme of the design. I think that's not helped us in terms of getting sales now but it will eventually show that we do have a

10:12:39:04	world wide distributable product by the time that really sinks in across.
Exterior of The Lighthouse	Stuart McDonald - The Lighthouse
10:12:42:13	Design seems to be growing over the past few years and what it really
Interior of The Lighthouse	needs is a network, you know, that is how the creative industries sustain
10:12:46:22	themselves.
10:12:46:22	
ACCESS	
10:12:52:11	
Interior of The Lighthouse	Stuart McDonald - The Lighthouse
10:12:57:14	The Lighthouse is a conversion of Charles Rene Mackintosh's 1895 building he did for the Glasgow
Shot of Stuart in interview	Herald and it was derelict for about 15 years until Glasgow became UK City Of Architecture And Design and it was decided to turn it into an architecture and design centre. It's a conversion of a former warehouse and we've got lots of flexible space
Interior of The Lighthouse	from big, medium to small so we've a whole range of exhibitions and young designers and young architects are now getting the change and they can stay in Glasgow and become
10:13:24:18	successful.
Interior of The Lighthouse	Janice Kirkpatrick - Graven Images
10:13:28:15	The interesting thing about the Lighthouse is that it covers so many different disciplines. It's got a very broad cultural and industrial remit. It's actually interested in examining
Shot of Janice in interview	the process of designing and creating and taking an active role in influencing that process and learning about it as well as just sticking things
10:13:48:09	on pedestals in glass cases.

	Ian Carnduff - V K & C Partnership
10:13:57:18 10:14:00:06	We had an opportunity to work with the Glasgow collection 3 times.
	Hamid van Koten - V K & C Partnership
10:14:00:06 10:14:02:17	I think Glasgow is very keen to build a design culture.
	Ian Carnduff - V K & C Partnership
10:14:03:06	We've been asked to work with the
10:14:07:11	manufacturer coming up with new products for that specifically.
10:14:05:04	
THE GLASGOW COLLECTION	
10:14:11:08	
	Bruce Wood - The Glasgow Collection
10:14:07:11 Shot of Bruce in interview	The Glasgow Collection was one of the major projects within the year of architecture and design 1999. It focused entirely on product design and product development to try and
Bruce with VK & C looking at bench 10:14:26:06	nurture some of the ideas that were not getting to industry. It's attempting to put in touch good ideas coming from students with manufacturers and create new products and new ideas.
Shot of the VK & C bendy bench	Hamid van Koten - V K & C Partnership
10:14:27:04	We were asked to look at this particular material and to find new applications for it. This is a recycled
Shot of Hamid in interview	polyethylene. It's basically made from agricultural waste. It's kind of sheets that farmers grow crops under and once they've done, once they've harvested their potatoes, they basically throw it away. When we first started messing around with this material, we realised that it's got this

10:15:14:16	sort of inherent bendiness which they've been trying to design out for years. They've been trying to engineer it so that it would be stiffer and we as designers of course saw there was an opportunity to actually use this particular characteristic and so we came up with an infinitely extendable system of exterior public seating.
	Ian Carnduff - V K & C Partnership
10:15:16:07	Basically it works with 8 pieces of the recycled polythene which are set into these channels in an aluminium
Shot of Ian in interview	casting which can have an optional
Demonstrating the bendy bench	back. So if we bring in the plastic again you can see a straight, almost straight plastic beam which then you can bend into the radius that you require, screw it in place along with
10:15:48:18	the other legs and repeat that until all the slots are full.
Fade to windows looking over	Bruce Wood - The Glasgow
Glasgow	Collection
Glasgow 10:15:52:22	Collection One of the most important things
	Collection

material, maybe recycled and you could have virgin material or perhaps more expensive material here. So there's a whole range of things you can do here with this range of furniture.

On then to this Hoover. Now this is work with the famous Hoover company and here they're working with Ideo Palo Alto. The intention there was so that we got Hoover to do something a bit different from the normal run of the mill thing. So we didn't just help them with a standard product design, we actually helped them diversify into a new area completely.

Another project that we looked at was a new type of canal barge. This is an investigation into new technologies, new ways of living, new ways of construction of canal barges suitable for the new canal that we're looking at between Edinburgh and Glasgow.

Here's a fully working prototype of a contemporary look at bottled gas heaters. Now this is using standard technology, standard materials but it's just putting a contemporary look on a product that we all know and are very tired of to be honest.

Going on from there, here's the work of Timorous Beasties. Now this represents Timorous Beasties, textile designers, working with a furniture designer, and also working with a major furniture manufacturer to produce this range of furniture which is simple but it takes the application of the laminates very well. It means that you can change the range of furniture very quickly, very effectively and flexibly. This product is the work of an undergraduate designer who's also a drummer and he developed the idea of an electronic digital hand

10:18:48:05	drum. Now this drum plays like a normal drum so we've not limited his ability to play the drum. But what we've done is we've opened up the whole access of digital so you can tune the head to different sounds, it's truly midi compatible, you can tune all of these other parts of the drum to actually not just be a drum but be an interface for digital music systems which is much bigger than a drum ever was.
Exterior of The Arches 10:18:53:21	
INTERIOR	
10:18:59:24	
	Peter Welsh - Murray Design Group
10:18:56:13	The building dates from the turn of
Shot of Central Station 10:19:03:15	the century. The arches effectively support the platforms as part of the infrastructure of Central Station.
10:19:06:12	The building was first used culturally in 1990 when it was converted from a
Shot of road under the arches	disused police compound to become the venue for the exhibition
10:19:17:09	Glasgow's Glasgow.
10:19:19	The trouble was that the building was
Workmen working on the arches	done of a temporary nature and the long term use of the building wasn't being catered for. So the idea was to revamp the building, look at the image of it particularly to do with the
10:19:31:18	entrance.
10:19:37:01	We're currently working with One Foot Taller and Timorous Beasties
Designers arriving at the arches for meeting 10:19:46:01	primarily to do with the box office, the entrance from Argyll Street and the bar space.
10:19:49:18	It's quite stimulating to work with new
Walking through building site	fresh minds coming into the project. Having been involved with it for 5

	years, pushing the thing along slowly,
Shot of Peter in interview 10:20:01:11	it's nice to get some fresh input at this stage.
Designers and arches representative in discussion	SYNC DIALOGUE, Paul Simmons - Timorous Beasties, Will White - One Foot Taller, Katty Barac - One Foot Taller, Sarah Wells - The Arches
10:20:02:06	Well, you know at the side of the stairs we've got this [yeah] huge kind of chain curtain and we're just a wee
10:20:09:07	bit worried about the size, the scale of the chain.
10:20:10:03	I thought you said last time that you wanted the chain to end up being bigger because other wise it wasn't
10:20:17:00	going to avoid the edge of the rostrum.
10:20:17:18	We're gong to use this stuff here but this is more expensive because it's
10:20:22:07	brass with chrome plated on it.
10:20:23:09	It's quite hard to see because it's going to be so huge because it's going to go right from the top of the ceiling all the way down to the second level so I think the actual scale of it can go bigger because you're seeing
10:20:36:12	it at more of distance.
Slides showing against white board under the arches	Janice Kirkpatrick - Graven Images
10:21:01:14	I think that Scotland's a very vibrant place as far as the design industries
Shot of Janice in interview	go. It's also a culture that doesn't tolerate bullshit which tends to be a big part of our industry and it's nice to
Graven Images in the pub 10:21:16:13	be challenged all the time because I think in order to be a successful designer you have to challenge your own assumptions continually.
Graven Images in the pub	Ross Hunter - Graven Images
10:21:19:00	This is our usual after work haunt and we like coming here because it's not

Shot of Ross in interview	a designer bar. In my opinion, a good
	bar is a good bar is a good bar. It's
	doesn't matter whether it uses the latest contemporary materials or
Pub interior	whether it uses the latest video
1 db interior	technology or whether it uses the
	latest trendy graphics and it's
	ultimately the same thing. So this
	pub which is a really good traditional
	bar has got more in common with the
	very best contemporary designs than it has with the very worst of the things
	that the breweries roll out time and
	time again as a kind of poor excuse
10:21:52:15	for how people should be drinking.
10:24:52:07	
10:21:53:07	
LONDON	
10:21:56:04	
Pattern cutting and furniture building	Matthew Hilton
in Matthew's workshop	mattrow rintori
10:22:47:04	Sketching is the most important part
Matthew sketching	of designing because it's the most
10:22:51:22	direct way of communicating.
10:22:54:22	I think that computer modelling is
	somehow misleading because you're
40.00.00.45	looking at a 3D representation but it's
10:23:02:15	still a 2 dimensional image.
10:23:05:17	At the same time I suppose as
	making the scale drawing on the
Shot of Matthew in interview	drawing board I'll be making a model
	of some kind, either cardboard or
	something or this blue foam which is really useful for upholstery particularly
	because I can make something like
	that which is 2 cushions and a base
40.00.00.44	for this sofa. I can make that in 5
10:23:29:14	minutes really.
Matthew sketching 10:23:35:19	Because this system in particular has
10.20.00.10	lots of bits that fit together in lots of
Shot of Matthew in interview	ways, I also use these just cardboard
	templates to show how the thing fits
	together in plan so this is looking
10:23:52:09	straight down onto that so I can see
10.23.32.09	the kind of shapes that you can get.

	
10:24:04:00 10:24:10:05	That's the start of the concept, that's the grid. The outer ring of that represents either arm or backrest.
10:24:12:01 10:24:28:23	I cut out of that each piece so that that sofa comes from, comes from that section of the grid and then that is developed on to produce all these lots of different pieces and configurations.
	Andy Davey - TKO Design
10:24:41:00	If you went just by what the media tell
Andy working at desk	you, designers are responsible for one off, high cost, low volume products whereas true design is in the design of mass produced things for
Shot of Andy in interview 10:25:16:24	everybody to use because when you wake up in the morning all the way through to when you go to bed at night you're using products all the time and they have to be designed to be functional, desirable, they have to be conscious of the environment, they have to be affordable, they have to definitely work and be reliable so all these things means that designers are responsible for so many other things apart from just straight aesthetics.
10:25:15:19	
MASS PRODUCTION	
10:25:19:23	
10:25:18:12	This is the world famous wind up
Andy demonstrating products	radio which of course works very simply by winding this handle. You generate enough power to drive the radio inside so it's completely human powered but interesting in that in barely 2 years, in this case Sony have come up with a version which works the same way. You wind up, it generates power, you switch it on, you have a radio. But the fact is this

	is less expensive and an eighth of the
10:25:52:11	weight and the bulk which shows how quickly things develop.
10.23.32.11	quickly things develop.
10:25:53:12	This is a different type of product altogether. This is some packaging for a very expensive diamond, the millennium diamond from De Beers which is a limited edition 3 carat diamond. So we have a 20 thousand pound diamond here which had to be packaged in a way that reflected its value to the consumer. The buyers of these expect a certain quality but this has to surpass that perception of quality. We had to go to Venice to find the Italians who could cast this aluminium. We had to go all the way to Hong Kong to find a manufacturer who could make this box which is leather covered with the same quality. The true international product - designed in the UK, from South Africa, made in Italy and Hong Kong. Perfect.
10:26:36:17	Snowboards – again a different market altogether. These are designed for the Japanese market where there are more boarders than there are skiers. It's very important in this case, as in all projects, to actually understand your consumer. In this case snowboarding is one of those culture, one of those pastimes which has it's own culture and a very particular attitude towards not just snowboarding, not just falling down the mountain, but a kind of lifestyle thing. So the graphics from this reflect that type of approach and of course very important for the designer to experience snowboarding so basically I can snowboard now which
10:27:21:04	is an added benefit.
10:27:23:00	Moving along to this productthis is a wheel designed for Playstation, particularly driving games like Gran Tourismo. It's designed to be used

10:28:15:16	like an F 1 wheel, a Formula One wheel, where you have gear change paddles behind the wheel, down here, we have ergonomically laid out buttons for gear changes and directions and so on and we have rubber grips, we have a flattened top of the wheel like you get in Formula One and so a lot of research went into this in the sense that we've taken out a Formula Ford car which is not too far away from Formula One to really get a feel of game play from a real point of view. Jumping in a car and using a steering wheel. Already unfortunately if you look at F1 wheels in the year 2000, this was designed in 1998, the wheel has changed again. It's bigger, it has more functions, there's LEDs on the top.
10:28:18:17	
KODAX ADVANTIX	
10:28:26:22	
	Geoff Hollington - Hollington
10:28:19:15	Kodak is arguably the world's leading photographic brand but less known
GVs of cameras	for cameras these days and we were asked to create a new line of cameras
Shot of Geoff in interview	for Kodak and rather than do me 2 products to leap frog the competition say well OK, that's what the
Meeting with Geoff and John	competitors are doing but what should Kodak be doing. Kodak is a leading brand, it shouldn't be copying
10:28:46:09	and that's very much our message with brands. It's have your own strong personality.
Meeting with Geoff and John	SYNC DIALOGUE, Geoff Hollington - Hollington, John Piper – Kodak
10:28:46:23	This was the final model that was
10:28:50:07	shown at the research groups Right
10:28:50:07	Now this isn't the final production is it, this is what you call P 1 right, which is

10:28:57:12	like an early production model.
10:28:57:12 10:29:09:15	What we found is that people really much prefer this flash situation where we've got the cover of the flash protecting the lens and then opening up.
	·
10:29:10:12	You know that the whole idea of APS magic, you know the idea that this is APS film, not regular 35 mil film and that we want to get that across so that when you see it in the store you know, consumers can instantly identify it as an APS camera and see that that's as positive thing. Did that come across, did they read that, did they see that?
10:29:30:01	They certainly picked up that this was
10:29:45:20	a different type of camera. They understood the benefits of the APS system with the drop load and the format selection because so many times on the products it's really hidden, on competitor's products and I think it really did
	Geoff Hollington - Hollington
10:29:46:13	I think we've managed to create a new look and feel for a consumer camera which is quite different from what's out there on the shelves and
Shot of Geoff in interview	we want people to go into a photographic store and look at that sort of row of little silver boxes on the shelf and then see this other thing here and think well, what's that? You
Shots of the new Kodak camera	know that looks different, that looks exciting and that's the Kodak camera
10:30:09:08	and that is what we want to do.
	Martin Myerscough - Monotub Industries
	l I
10:50:17:10	I originally met a washing machine repair man back in 1993 who had

Washing machine close ups 10:30:45:12	machines were made and he said all washing machines are the same which got me very interested because you go in the shops and they all look the same. They've all got a little round porthole and so that got me very interested in the whole idea of washing machines and so we worked on it for about 5 years and it was at that point we decided that we should have some design input and bring in people like TKO to actually be getting the whole thing from a concept, which it very much was, into a reality which is a product.
	Annie Gardener - TKO Design
10:30:46:09 Shot of Annie in interview	The best thing about this project from out point of view is that we've been involved right from the beginning
10:31:00:04	which is quite rare. We literally met Martin with a box of bits and lots of aspirations for how the project should go and what the machine should be like.
10.51.00.04	
	Andy Davey - TKO Design
10:31:00:21 Shot of Andy in interview	What we were responsible for was the product design. It's taking his idea and making it into something
Onot of Andy in interview	tangible. We had to bring in people
Cock and Hen gvs	who were experts. For instance, we used a company called Cock and Hen who are engineers and prototype
10:31:14:13	makers.
	David Cocks - Cock and Hen
10:31:15:15	This was our actual starting point for the washing machine project. It's a
David and Henry with prototype	proof of concept rig which I know looks pretty crude but what this did is it proved the principle of an angled drum, it proved the principle of circulating water throughout the drum itself and even this rig, I mean it heated the water, you could actually

10:31:56:20	wash clothes in it. So that was the principle proved. Our job was to take this principle, take this construction so to speak, and get it into a standard cabinet size which is 600 by 600 so it fits under everyone's kitchen worktop which the majority of European machines do. That in itself presented problems. As you can see, the size of this, shrinking it down.
	Henry Slack – Cock and Hen
10:31:56:20	This basic unit didn't reallyit didn't have a basket in it but it showed the principle of showering the clothes, our
David and Henry with prototype	basket works like a shower system. So this was done just to see if we could get the basic wash test to pass the requirements. It also had a basic suspensions system although there again it was quite crude but something for us to start on and then
10:32:17:04	develop further rigs from this.
	David Cocks – Cock and Hen
10:32:17:04 Illustrating with card models	We then produced models a lot similar to this. I mean this is the part that holds the drum, the main sort of chassis of the machine. But through these card models we could then sort
	of build up a very fast construction using foam and card to actually see what the general configuration within the box would be. We then went from these types of models to hand fabricated components like this so we were immediately able to assemble these, put it together into a frame work and actually do some wash tests, some suspension tests, vibration tests, so the progress really
10:32:57:19	was quite speedy.
	Henry Slack – Cock and Hen
10:32:57:19 Going downstairs	And down here we've got a basic test rig that fits into a standard size cabinet that fits underneath a

With the test rig	European work surface height and it basically shows how little room there is here for things to move around. It's used really for testing the wash quality and for the energy consumption and testing different components out on the machine.
10:33:20:20	This is actually quite an old rig we have.
	David Cocks – Cock and Hen
10:33:20:20	It's also given us the facility to look at components in more detail in the situation they'll actually be in . Like the door for example, because you can see, we have this huge door, far bigger than any conventional washing machine on the market at the moment which in itself gives us problems. I mean if you get a young child who's going to grab onto the top and swing it, you've got to really build some strength into it and initially we were looking at a plastic moulded door which would be nice and light and you know very economical but we've ended up with a casting. That in itself, that decision has bought a quality to the machine. It's like the Mercedes car door, as it closes you get a good weighty clunk. So it's details like this that we're looking at and have developed through rigs like this that are giving the machine
10:33:59:20	quality.
10:33:59:20 10:34:03:20	Henry Slack – Cock and Hen We can actually give it a go, get a basket out here.
	David Cocks - Cock and Hen
10:34:03:20	This is a hand-fabricated basket that we've made here. It's in the correct material, which is polypropylene, which will withstand the 90 degree wash temperatures and we've built in rudimentary sprinkler system into the basket. In fact we can put some

10:34:17:03	washing in this and see how it goes.
10:34:18:15 Loading the washing machine 10:34:37:00	What you do is you throw your washing in and put it straight into the drum. And in reality the door would have to close before the machine can be turned on but with this we've rigged up the electronics so you can see the machine working. If I just turn it on there, that's the water going in
	now.
Machine in action	
	Annie Gardner - TKO Design
10:34:38:11 Machine in action	The basket presented particular problems. It has to do lots of quite clever things in terms of getting the sprinkle system of water in and out of the basket. It has to stay fixed in the
Plans for machine	drum, press itself to the side when it's spinning, be able to lift in and out
Shot of Annie in interview	really easily, have a sort of entry
10:34:59:09	porthole which doesn't restrict your space too much.
	Henry Slack - Cock and Hen
10:35:00:09 Henry and David with the machine whilst it is on 10:35:20:00	A problem we had initially was trying to get water to the front of the machine. The problem with a 20 degree angled drum is that the water would generally just, if it was full of water and worked like a conventional machine which is basically a bathtub, all the water would sit at the back of the machine and then you find that when you've got a full load, clothes at the front of the machine don't actually get wet. Now by using the shower system we basically managed to get the clothes very wet all evenly all around.
	Annie Gardner - TKO Design
10:35:23:04	We looked at what other washing machine manufacturers in this price
Shot of Annie in interview	bracket were doing. Traditionally,

Plans for machine 10:35:54:01	some of the big German manufacturers were offering anything up to 50 programmes which if you talks to any consumer they'll say I use about 2, probably one for my coloureds and one for whites. So we pared it down to the absolute minimum that we thought was necessary in terms of consumer expectation at that price point. So you've got just the basic wash programmes and a very easy push button programming mechanism.
	David Cocks - Cock and Hen
10:35:55:14	This is a prototype that we've totally
David and Henry with prototype	hand fabricated made in house what you can now see all the details
10:36:02:15	coming together.
	Henry Slack - Cock and Hen
10:36:03:06	I think it's going to be very exciting when we see this in the shops and you see how different it is to conventional machines which are
10:36:13:19	basically sold on price alone because they all look very very similar so it's going to be quite a revolution I think.
10:36:14:02	
INTERFACE	
10:36:17:19	
	Tory Dunn - Hollington
10:36:15:06	At this point we're really product and interaction design and traditionally
Shot of Tory in interview	people have drawn a line down the middle and said OK, you know, this
10:36:30:20	thing here, this is a product, this thing that I operate with, that's interaction.
10:36:34:00	We do web sites, we do things that
Computer graphics	exist purely digitally, we do furniture, we do pens, things that exists purely physically but where as a group our
Fade into Tory's interview	hearts really lie is in this overlap in

10:36:50:02	that area when people can really mingle.
	Geoff Hollington - Hollington
10:36:50:19	One of the projects we're working on
Shot of Tory in interview	right now is with the Science Museum in London who are opening a new building called the Welcombe Wing
Terrortron screen	this year. It's mainly an interactive museum about digital technology and
10:37:07:15	biomedicine.
	Tim Skillicorn - Hollington
10:37:16:11	Terrortron's an interactive that's based around the idea that terror or
Girl using Terrortron	fear or emotional response to fear
Shot of Tim in interview	can be measured within a single part of the brain. The idea is to be able to access that part of the brain without
10:37:36:10	the user being aware that you're doing that.
	Brendan Walker - Hollington
10:37:40:05	If we have a look inside the Terrortron box itself, you can actually see that
Demonstrating using Terrortron mock up	there are 5 sensors spaced around the body of it. If you actually break
Terrortron screens	the beam from this sensor, the computer reads that, switch 1 will correlate to pictures of electrical
	wiring. Now we've got an air pump which is actually making this little
10:38:03:21	maggots wobble up here when people put their hands in.
	Tory Dunn - Hollington
10:38:08:07	The minute you do your first prototype and step back and let somebody try it
Girl using Terrortron	out, you're just immediately struck with oh God, I should have thought of that and oh yeah, right, you know, but
Shot of Tory in interview	you don't think of those things when you're working on it you know on your desk top. It's getting another person in front of it that always brings it to the
10:38:33:12	fore.

	Geoff Hollington - Hollington
10:38:24:04 Close up of Geoff in interview	The great thing about working with museum interaction is that you know each exhibit really is a one off
Ideal Home GVs	prototype and it enables you to experiment and really look at state of the art ways of doing things that we know we'll be able to apply in more commercial work. Every year the organisers of the Ideal Home Exhibition have a sort of house of the
Inside Hanger House at Ideal Home 10:38:59:02	future and this year the organisers invited a number of product design firms to contribute products of the future. So we thought it would be fun to do the home office for the year 2020.
	Geoff Hollington - Hollington
10:39:00:12	This is what was the home computer. We wanted to make it look and feel
Geoff and other designers see view table in the Hanger House 10:39:19:06	more like a piece of furniture and that's why it's called the view table. It's just in the corner of the room and any time you need to do any of those things, you know, whether it's working, shopping, talking, you just go up to it, probably snap your fingers or something. It's always switched on, it's always on line.
	Chris Dolan - Hollington
10:39:20:01	You can pretty much second guess what might happen in the future. You
Close ups of the view table	know, screens are getting thinner, have become thinner, speaker
Shot of Chris in interview	technology is changing, voice recognition software does exist, iris recognition software exists, finger
10:39:33:03	print software exists.
	Geoff Hollington, Hollington
10:39:33:21 Geoff's interview at Ideal Home	I'm actually on record as saying that I don't think that technology and furniture should be connected because technology products

10:40:02:09	generally have a life span of 2 or 3 years whereas furniture products have a life span of 10 or 15 or more years but we felt that in this case we wanted to make this strong statement that the computer has ceased to be really, by 2020 it's ceased to be a machine, and it's as much a part of your life as the windows in your house.
	Simon Waterfall - Deep End
10:40:04:11	However you look at it, everybody
Fades in to Simon in interview	knows the future is digital. You don't care if it's a digital cash machine, digital passport, TV, radio, it's all going that way and in that case you listen to some people and it might all come down to one medium. It might all converge or it might all split out again. You don't know and to be honest you don't really care. As long as you accept change, and you run towards it rather than from it, then the
10:40:32:20 Fades out	future will always be digital.
10:40:35:17	I don't care if one day I'm designing a sound track for a pop promo or whether it's a piece of video art or a web site. Multimedia is that multiple discipline mix. We're 5 and a half which in terms of new media we are
Shot of Simon in interview	the grandaddies, we are the ZZTop of new media so we come in to meetings and people think we're tired
Deep End offices GVs	and give us a chair which does seem strange because the oldest person in here isn't over 35. The average age
Shot of Simon in interview	is 24. We have one T-shirt that we all wear and that is 'Design is Communication'. Technology is merely transportation of the idea so don't concentrate on the transport bit. Make sure the design, the
10:41:15:18	communication's right.

10:41:17:13	
WEB	
10:41:21:23	
	Fred Flade - Deep End
10:41:20:12	The Design Museum celebrates it's
Shot of Simon in interview	tenth anniversary this year and they asked us to design a very visual quite
Design Museum GVs 10:41:33:22	striking site, not text heavy, to really give a taster of the Design Museum, but not give it away.
10.41.33.22	,
	Simon Waterfall - Deep End
10:41:34:19	Yeah, not to give it away. That was the unwritten rule. It was that
Shot of Simon in interview	romance before the kiss that they
	needed. It was that glimpse of thigh that would encourage you along to
10:41:44:04	the museum rather than just seeing it all at once.
	Fred Flade - Deep End
	·
10:41:45:07	The cube was the starting point for us so that's one of the inter-animations
Demonstrating website	which gives a brief preview of that concept. The browser itself is square
	so it's one face of a cube so you can
Shot of Fred in interview	go down to different pages. It's like literally turning a cube around. It's
	been used throughout the site as a navigational metaphor. Again
	actually coming from the concept of
Demonstrating website	the cube was a virtual gallery on line, again following the same idea of not
	giving it all away but just giving a teaser and as you launch the gallery it
	opens up these 6 windows which
	contain some pieces of design. And you will be able to click on the
	different windows and almost make up a different design pieces and
	sometimes they are puzzles which don't fit together quite yet and your
	sort of encouraged to find out OK,
	what is this piece. Again, it's about exciting and educating about design

Shot of Fred in interview	so in piecing things together you almost learn about what the shape is and you appreciate the details of the
10:42:41:20	design.
	Simon Waterfall - Deep End
10:42:43:18	Deep End itself does not have a house style. We don't have a brand,
Design Museum website	we don't use the font that we bought that week. We have an approach
Shot of Simon in interview	which is to be very brand focused, to become champions to what people sometimes are asking or in fact what they haven't even realised yet and we're in a position where what we do forms culture, forms the way society deals with a personal e-mail delivered to them in a very public space like their TV, hmmm, it should be handled this way. If we dream it, it can happen. It will be accepted and at that point you've got to just be very
10:43:18:22	careful of what you dream.
	SYNC commercial
10:43:20:19	We got psycho in demon, we got psycho from the rolling sixties scripts, we got junior from ghetto boys, as I'm looking I'm starting to feel these real kind of emotions choking up in me because there's probably about 20 or 25 different gang members that are carved in here. I'd say about a dozen
10:43:42:06	of them, almost half of them are dead.
	John Warwicker - Tomato
10:43:43:19 Fades in to John in interview	Tomato's a conversation and from that conversation we have ideas and then we put those ideas into some sort of form, some sort of space for
10:43:53:14 Fades out to Dirk in interview	the form to exist.
Fades in to Dirk in interview	Dirk Van Dooren - Tomato
10:43:53:14	and what we do is we kind of do, we kind of make bits of work and those

	bits of work might end up being
	books, they might end up being on
	television, they might end up being
10:44:03:05	commercials
Fades out	Simon Taylor - Tomato
	omon rayior romate
10:44:03:05	we're still referred to as a design
Fades in to Simon in interview	studio all the time. Yes, we do
10:44:15:21	design. We also do film, we do music, we publish books
Fades out to Michael in interview	masic, we publish books
10:44:15:21	Michael Horesham - Tomato
Fades in to Michael in interview	but I think the thing that gives it that
	direction and I think it's a multiple
	direction all the time you know
	because people are pulling in
	different directions and doing their own thing is the desire to make
10:44:27:15	things
Fades out	tge
	Dirk Van Dooren - Tomato
10:44:34:00 Fades in to Dirk in interview and	I sort of tend to think, I don't tend to think of myself as a designer but
advert	there are some aspects to the things
	that I do that are design or refining or
40.44.44.00	you know, creating an essence
10:44:44:06	from
	John Warwicker - Tomato
10:44:44:06	so therefore we don't like to term
Fades in to John in interview	what we do as fine art, design,
10:44:52:21	graphics, it's just work.
	SYNC commercial
	OT NO Commissional
10:44:53:20	I'm 27 years old and I started using
	hard drugs when I was 22. It was that
10:44:59:23	kinda day. Everyone was using it so I had a wee shot or it and I liked it.
10.11.00.20	nad a weed offset of it and I med it.
	Simon Taylor - Tomato
10:45:00:19	We just wanted to try and you know
	convey the emotions we felt in what
Shot of Simon in interview, fades in	people were saying and our own

and out with film	emotional response to it. Is it an
10:45:13:03	emotion, is it a film, is it graphic design; I don't know.
	Dirk Van Dooren - Tomato
10:45:14:06	The idea that design is all the magazines that you sort of see in the
Tomato film	rack, you know, I just, it's a kind of, it just doesn't interest me. I'd rather
Shot of interview with Dirk	read national geographic because you'll learn that you know, otters
Advert fades in	produce a gene that kind of makes sure their young live longer. Things like that I think are far more
10:45:35:24	interesting
	SYNC commercial
10:45:36:13	Two cars start one hundred miles apart on a long straight road at 5pm. One travels at sixty miles per hour,
10:45:45:04	the other at 40. What time will they pass?
	John Warwicker - Tomato
10:45:46:12	There is extraordinary literacy in the world.
Advert	Advertising doesn't work in a
Shot of John in interview	Pavolvian way very often any more. You might well have had that in the fifties and for some reason people still think it works like that. Absolute nonsense. People see an advert.
Advert	They say that's an advert. It doesn't for one second mean that they're
10:46:11:13	going to actually engage with the brand itself.
A division of	John Warwicker - Tomato
Advert 10:46:18:14	One of the things I've been doing for
Shot of John in interview	the last 2 and a half years is working with lab architecture studio in Melbourne on helping create the new
Gvs of Federation Square pictures	cultural centre for Melbourne called Federation Square and they asked me not only to come in and do things

10:46:50:14	like the signage system and whatever, but actually interrogate what a signage system is so all the signage system is multi-lingual, it's electronic, LED based, it's interactive as well, therefore it's also programmable so it can be information but it can also be knowledge and it can also be an art work.
	Michael Horesham - Tomato
10:46:52:12	If we didn't travel, if everything took
Federation Square pictures	place here, I think that would be a less rich sort of environment and a
Shot of Michael in interview	less rich experience. The fact that we all do travel and bring stuff back and do things in all sorts of different
Fade to advert	places makes for a sort of richer sort of input if you like or a richer kind of
10:47:12:03	fabric.
	John Warwicker - Tomato
10:47:28:02	We're still perceived as the company
Advert	that does wobbly type. Well fair enough, we might still do that when we see it as being an appropriate
Shot of John in interview 10:48:04:01	response as a pose to a design solution because there are no solutions or questions or problems. There's only situations and responses. So yes, no it is a problem because for example, if you only just showed commercials or our own personal work, or even like Federation Square, that's about 5 percent of what we do so it is a problem because we're trusting you to tell the whole story and the whole story cannot be told. It's a conundrum.
	ENDS