Subversive Supermarket: Tactical Interjections into the Everyday Experience

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TACTICAL INTERVENTIONS IN THE EVERYDAY EXPERIENCE

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SUBVERSIVE SUPERMARKET
TACTICAL INTERJECTIONS INTO THE EVERYDAY EXPERIENCE
The architecture of the supermarket and the landscape of food production, processing, distribution, and consumption it is situated within, further isolates the relationships consumers have with their food and routines. Investigating the intersection between socio-political and economic constructs that shape the supermarket, the psychology of the interior constructs, and uses of spatial theory to frame architectural tactics of intervention, the thesis aims to embed a narrative subscript into the existing supermarket experience to expand beyond its systemic constructs and user policies.

**Abstract**

The architecture of the supermarket and the landscape of food production, processing, distribution, and consumption it is situated within, further isolates the relationships consumers have with their food and routines. Investigating the intersection between socio-political and economic constructs that shape the supermarket, the psychology of the interior constructs, and uses of spatial theory to frame architectural tactics of intervention, the thesis aims to embed a narrative subscript into the existing supermarket experience to expand beyond its systemic constructs and user policies.

01 Analyzing the systemic models and their strategies

02 Embed tactics within the themes and systems governing the supermarket
INTRODUCTION

The interior supermarket experience within is an underwhelming representation of, and with little reference to, the very complex networks and conditions which create it. It lacks reference to where food comes from, where it goes, and what its true role is in modern life, thus perpetuating the lack of knowledge in its consumers. The supermarket stands as a regimented stage set; its users, the consumers, are integral actors in the show. In order to invoke change or progress within the food system’s consumer landscapes and evolve to meet consumer demands of transparency and traceability, its frameworks must be critiqued and challenged from within, to involve itself, and its users, spatially with the fabric of American food production and distribution.

Architecture has the ability to foster processes of discussion, debate, and social production. This thesis contends that architecture can be a narrative tool for understanding, infiltrating to disseminate knowledge, and thus, exposing the socio-political conditions and political economies that govern supermarket structures, their designed sequences, and the consumer-user behaviors within them, creating a greater dialogue between the institutional structures and the everyday users of the space. Its experiential focus ties greatly with user actions and agency.

In order to act within, and beyond, the frameworks, this thesis investigates what constructs currently operate on the current supermarket and the implications of the fragmented distribution, production, and consumption model on consumer agency.

Through a cross section of research, from Tracey Deutche’s historical narrative on the evolution of consumer behavior in relation to the consumer landscapes they operated within, to Michael de Certeau’s theorization of the everyday, the site of intervention is understood through a tripartite lens of social theory, political history, and economic realities of the food system. To recognize and analyze current conditions, themes, and scalar factors of the supermarket, and the processes that surround it, is integral to situating the project, and will display how economics and politics are spatialized to form the commonplace narrative and behaviors constructed in the modern supermarket.

The thesis will investigate how a superimposed set of architectural tactics can foster an opportunous and empowering, alternative narrative in the modern consumer landscape. Such interventions will be critically situated through the lens of Paco Underhill’s writing on shopping strategies as applied to the supermarket. Tactically subversive design interventions within and beyond, the confines of the market will be integral to inform the user and create disruptions in shopping routines. Some spatial interventions will create unavoidable confrontations with reality for both users and producers, while others subversively cut, and can only be experienced by those who seek. The design aims to blur the lines between producer and consumer-user, production and consumption, and the authority that lies within roles. By using architectural elements as infiltrative instruments for empowerment, education, and exposure of current strategies, the limits of the supermarket become active opportunities for a politicized user agency and expanded knowledge for the everyday user in the commodified food chain.
The architecture of shopping is strictly debased, because it is reduced to the diagram, and a diagram of the most basic kind: banal and relentless. One of our tragedies as architecture is that we are unable to deal with and find interest in this domain. Somehow, our intelligence is insulted both by the incredible limitations of architectural imagination that the diagram represents and in a more anxious way by the fact that we ourselves have no alternative to provide to it.

The supermarket is a hyper-competitive, strategized spatial condition, governed by logistics, economics, and consumer ideals, and born from a mass standardization of the contested grocery store model.
The supermarket is a hyper-competitive, strategized space, governed by logistics, economics, and consumer ideals, and born from a mass standardization of the contested grocery store model. In this setting, what logics govern space and how are economics spatialized? How does the architecture foster agency of consumption and autonomous empowerment in its users? What dialogues, encounters, exchanges, and interactions are created between the institutional structures in charge and the everyday users of supermarket space? How does the architecture of the supermarket typology respond to current consumer demands?
SUBVERSIVE SUPERMARKET

TOPIC MOTIVATIONS

CONSUMPTION AND

PROBLEMS WITH THE

FOOD SYSTEM,

UNACKNOWLEDGED BY

THE SUPERMARKET'S

STRUCTURE

THE INTERIOR EXPERIENCE

OF THE SUPERMARKET IS

ISOLATED FROM THE

SYSTEMIC CONSTRUCTS

THAT DEFINE IT, THUS

HANDICAPPING THE

POTENTIAL OF THE

CONSUMER-USER

NAVIGATING THROUGH.

SITE OF RESEARCH

SUPERMARKET

CONSTRUCT SHAPED BY

SOCIO-POLITICAL AND

ECONOMIC FORCES, ALONG

WITH THE LOGISTICS OF

THE FOOD SYSTEM

ECONOMICS SPATIALIZED

EXCHANGES BETWEEN POWERS

AGENCY IN CONSUMPTION

CAROLYN STEEL: HUNGRY CITY

FOOD SYSTEM CONTEXT

TRACEY DEUTCHE: BUILDING A HOUSEWIFE'S PARADISE

HISTORIC CONTEXT

PACO UNDERHILL: WHY WE BUY

ECONOMIC STRATEGIES SPATIALIZED

MICHAEL DE CERTEAU: THE PRACTICE OF EVERYDAY LIFE

EMBEDDING TACTICS IN STRATEGIC LANDSCAPE

ANALYSIS

FILTERING RESEARCH THROUGH  SPATIAL LENS

APPLYING THEORETICAL FRAMEWORKS TO

ANALYSE THE SITE + ITS TYPOLOGY

HYPOTHESIS ( T E S T I N G )

tools + methods

narrative/
tour

strategy

inversed

for

tactical use

point of

exchange

instrument for transparency + agency

CRITIQUE/SYNTHESIS

consumer-user

producer

consumer-user

producer

LENS OF USER

REPOLITICIZING  ARCHITECTURE  OF  THE  EVERYDAY

REPOLITICIZING  ARCHITECTURE  OF  THE  EVERYDAY
TOPIC MOTIVATIONS
CONSUMPTION AND PROBLEMS WITH THE FOOD SYSTEM, UNACKNOWLEDGED BY THE SUPERMARKET'S STRUCTURE

THE INTERIOR EXPERIENCE OF THE SUPERMARKET IS ISOLATED FROM THE SYSTEMIC CONSTRUCTS THAT DEFINE IT, THUS HANDICAPPING THE POTENTIAL OF THE CONSUMER-USER NAVIGATING THROUGH.

SITE OF RESEARCH
SUPERMARKET CONSTRUCT SHAPED BY SOCIO-POLITICAL AND ECONOMIC FORCES, ALONG WITH THE LOGISTICS OF THE FOOD SYSTEM

ECONOMICS SPATIALIZED
EXCHANGES BETWEEN POWERS
AGENCY IN CONSUMPTION

CAROLYN STEEL: HUNGRY CITY
FOOD SYSTEM CONTEXT
TRACEY DEUTCHE: BUILDING A HOUSEWIFE'S PARADISE
HISTORIC CONTEXT
PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES

REPOLITICIZING ARCHITECTURE OF THE EVERYDAY

ANALYSIS
FILTERING RESEARCH THROUGH SPATIAL LENS
APPLYING THEORETICAL FRAMEWORKS TO ANALYSE THE SITE + ITS TYPOLOGY

HYPOTHESIS (TESTING)
tools + methods
narrative/tour
strategy
inversed
for tactical use
point of exchange
instrument for transparency + agency

CRITIQUE/SYNTHESIS
consumer-user
producer

LENS OF USER

MICHAEL DE CERTEAU: THE PRACTICE OF EVERYDAY LIFE
EMBEDDING TACTICS IN STRATEGIC LANDSCAPE

PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES SPATIALIZED
1918   SUBVERSIVE SUPERMARKET

forces at work...  

SITE OF RESEARCH  
SUPERMARKET  
CONSTRUCT  
SHAPED BY  
SOCIO-POLITICAL  
AND ECONOMIC  
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ECONOMICS SPACIALIZED  
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CAROLYN STEEL:  
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REPOLITICIZING ARCHITECTURE OF THE EVERYDAY  

TRACEY DEUTCHE:  
BUILDING A HOUSEWIFE'S PARADISE  
HISTORIC CONTEXT  
FOOD SYSTEM  
RESEARCH
The supermarket is the modern evolution of the urban market, which classified urban markets’ relationship with food.

Carolyn Steel

Identifying primary, secondary, and tertiary existing conditions:

Currently: Segmented Production/Consumption experience

Systemic Problem(s)

Current Food System:
- Invisible food networks and large-scale food distribution
  "[Americans] have never seen food’s true potential, because it is too big to see. Viewed laterally, it emerges as something with phenomenal power to transform not just landscapes, but political, policy structures, public spaces, social relationships, and cities." 1
- Supermarket isolated from time and space

IF EVERY ACTION HAS AN EQUAL OR OPPOSITE REACTION, WHAT ARE THE IMPLICATIONS OF IMPULSE BUYING AND EXCESS CONSUMER CULTURE TODAY?

Current Users: Consumers have little understanding of their relationship with food or the larger network of food sources.

NO, ARCHITECTURE CANNOT SOLVE THIS!

But, What it can do: work with what we have, intervene into it, understand it, and question it

Key: Politics of food consumption and understanding the constructed supermarket landscape

CONTEXT
Situating the Supermarket in Systemic Constructs

FRAMEWORKS TO EXPLORE
1. HISTORIC
2. ECONOMIC
3. SOCIO-POLITICAL
4. SPATIAL THEMING/NARRATIVE

FOOD SYSTEM //

MASS PRODUCTION - Turned food into a commodity

FOOD DISTRIBUTION - The travelling and tracking of food from its origins on farm or plant, to warehouses, and supermarkets (nodal points in process); complex, efficient network of trade routes to feed today’s population

FOOD MILES - Distance, effort, time, and energy expended for food to travel from source to processing and supermarket shelves. Michael Pollan argues that 17% of U.S. fossil fuel consumption is used for food

GEOGRAPHY - Encompasses not only the natural terrain which the city sits within and where its food is drawn from, but also the architectural fabric of the city

INDUSTRIAL FOOD - The cost of traditional locally produced food could be described as a real cost compared to the artificially low costs we pay for industrial food

FOOD SOVEREIGNTY - The right to healthy and ethically produced food; a system where those who produce/distribute/consume are at the heart of the system rather than the needs and wants of the corporations (Patel)

SITOPIA - -sitos– meaning food + -topos– meaning place; Sitopia is about understanding the true value of food and what it represents, so nothing could be more central to its cause (Steel)
“FOOD IS A SYSTEM OF COMMUNICATION, A BODY OF IMAGES, A PROTOCOL OF USAGES, SITUATIONS, AND BEHAVIOR.”  

“. . . THERE IS NO DOUBT THAT SUPERMARKETS HAVE GOT THE BUSINESS OF FOOD SUPPLY DOWN TO A FINE ART. ADVANCED PRESERVATIVE TECHNIQUES AND TRANSPORT TECHNOLOGY HAVE COMBINED TO CREATE THE ILLUSION THAT FEEDING CITIES IS EASY. . . . THE REALITY IS THAT SUPERMARKETS HAVE A STRANGLEROID OVER NOT JUST THE GROCERY SECTOR, BUT THE ENTIRE INFRASTRUCTURE THAT SUPPLIES OUR FOOD. WITHOUT THEM, WE WOULD STRUGGLE TO FEED OURSELVES, AND THAT MAKES THEIR POSITION CLOSE TO UNASSAILABLE. ONE OF THE REASONS IT CAN BE HARD TO APPRECIATE THE EFFORT IT TAKES TO FEED A MODERN CITY IS THE SHEER INVISIBILITY OF THE PROCESS...”  

1 Barthes, 29.  
2 Steel, 66-67.
The supermarket is situated in tracing food distribution/life cycle infrastructure tracing geography, production, distribution, connected by transportation:

01 Farm
02 Factory
03 Packing Plant
04 Distribution Center
05 Supermarket
06 Consumer’s Home
07 Waste Facility/Compost Facility/Recycle Facility
08 Landfill (or) Back into Cycle

Supply chain transportation/action:
01 Road transport (import, consolidation, local distribution)
02 Rail transport (imports, local container shuttle)
03 Sea transport (import)
04 Bulk purchasing
05 Transportation (self and outsourced)
06 Warehouse/Distribution Center
07 Storage (self and outsourced)
08 Inventory/Sales (in stores and in warehouses)

17% U.S. fossil fuel = Food miles
SPACE/TIME/INTERACTION INTERSECTION

X: WHERE THE PROJECT IS HISTORICALLY SITUATED

- Trading posts ➔ General stores ➔ Specialty urban neighborhood shops
  - Clerks did the work and select each item for the customer
  - Customers were served by grocer/clerk and would wait in front of counter to request items stored beyond their view (high shelves)

- Self Service grocery stores
  - 1910: A&P Economy Store opened, John Hartford
    - Reduced cost model; standardized layout; eliminated cost and efficiency-burdening services, such as credit accounts and deliveries
  - 1914: Piggly Wiggly, Clarence Sanders, TN
  - 1916: 1st- Piggly Wiggly, Clarence Sanders, TN
  - 1920s: Adaptations: A+P/Kroger/Piggly Wiggly
    - Michael J. Kullen, previous worker of A+P and Kroger, created the first whole-sale supermarket, Jamaica, Long Island
  - 1930: Many supermarkets closed their doors for great depression
  - 1930s: After their urban sales were declining, A+P opened their Centennial prototype suburban store
  - 1930: King Kullen + Big Bear, and subsequent A+P variation of format
    - Michael J. Kullen, previous worker of A+P and Kroger, created the first whole-sale supermarket, Jamaica, Long Island
  - 1930s: Many supermarkets closed their doors for great depression
  - 1940s: Reopened, and became way of life, icon of the new American economy, 70% of American grocery sales by 1950
  - 1950s: Reopened, and became way of life, icon of the new American economy, 70% of American grocery sales by 1950
  - 1959: After their urban sales were declining, A+P opened their Centennial prototype suburban store
  - 1960s: Larger stores and discount stores opened
  - 1960s: Warehouse stores opened
  - 1970s: Categorized by bare-bone structures and bulk discounts; some established supermarkets then adapted this format
  - 1970s: New Orleans: A+P Future Store
    - Upscale stores featured a stark, black and white décor, with service departments in the center of the store and a glass atrium storefront
  - 1990s-2000s: Hybrid versions between cost and quality: Wegmans + Kroger Marketplace
  - 2000s: Click to Shop: Amazon Grocery/Fresh Direct, Internet
    - Responsible for 1%+ of food sales
    - Online cybershopping - limitless selection, convenience, speed, and more information than physical retailing can’t compete with; there is no waiting, checkout, no missing items, or restrictive store hours

Y: DEGREES OF INTERACTION WITH FOOD: SCALE FROM GREATEST INTERACTION TO LEAST

- Greatest: Direct interaction with food: garden, community garden, farm
- Farmers Market
- Local grocer/Neighborhood store
- Supermarket/Chain (Where this project is situated)
- Warehouse Stores
- Least: online selection and home delivery

Ends of Spectrum:
- Physical shopping has advantages of touch, trial, and sensory details, immediate gratification of purchases and social interaction between customers and staff [all which the online shopping interface eliminates], versus
- No interaction with food - through Online cybershopping - limitless selection, convenience, speed, and more information than physical retailing can’t compete with; there is no waiting, checkout, no missing items, or restrictive store hours
THE SUPERMARKET

1. SUPERMARKET AS ICON OF POST-WAR AMERICA
2. COMBINED INTERESTS OF CONSUMER DEMAND WITH CONTROL OF THE STORE FLOOR
3. COMBINES MULTIPLE DEPARTMENTS/GOODS UNDER ONE ROOF
4. ROLE OF WOMEN CONSUMERS/USERS
5. QUICKLY BECAME DESTINATION AND DOMINANT INTERFACE WITH FOOD

EVOLUTION: HOW DID THE “SUPERMARKET” EVOLVE TO COME TO BE?

Small-scale food enterprises and public markets were spatial formations for neighborhood politics.

Public Market as laborious environment - “moments of autonomy, excitement, and appetite, mixed with suspicion, exhaustion, and performance.”

It wasn’t until the 1930s-1940s that mass-retailing strategies took hold of food, and thus, supermarket popularity emerged.

SELF SERVICE

Strategies of the chain store firms had come to define mass retailing and in the process had redefined the nature of all food retailing. Strategies include limiting services, increasing self-service, and emphasizing fixed (uniformly) low prices of efficiently large-quantity bought goods. Chain firms had to constantly develop new strategies of standardization, but were met “with customer resistance and localized political or economic vagaries.”

IMPLICATIONS OF THE SUPERMARKET

1. AMERICAN CULTURE/LIFESTYLE SHIFT - MASS RETAILING, LARGE GROCERY TRIPS, SUBURBAN SPRAWL
2. ECONOMIC SHIFT - THROUGH PRIVATE BUSINESS COMPETITION
3. FOOD PRODUCTION- SCALES + QUANTITIES DEMANDED
4. FOOD CONSUMPTION- EXCESS CONSUMPTION + WASTE
5. CONSUMER’S ENGAGEMENT WITH FOOD

1. T. Deuthe, 43.
2. T. Deuthe, 61.
3. T. Deuthe, 71.
-1880  CONSUMER  PRODUCER
-1930  CONSUMER  PEDDLER  VENDOR  PRODUCER
1880-1920  CONSUMER  GROCER  VENDOR  PRODUCER
1920-  CONSUMER  RETAILER  DISTRIBUTION  PROCESSING  PRODUCER
2000-  CONSUMER  ONLINE  DISTRIBUTION  PROCESSING  PRODUCER
SITE OF INTERVENTION
The Supermarket
Examining the nature of the supermarket

WHAT IS THE “SUPERMARKET”?
A Supermarket is many different departments brought together under one roof, with a wide selection of food, household items, and services, essentially, supersized grocery stores.

“The supermarket, that icon of postwar American life, emerged not from a straightforward attempt to satisfy consumer demand but through retailers’ sometimes contradictory efforts to administer government regulations, achieve financial success, and control the shop floor and also through women customers’ negotiation of budgets, familial needs, ethnic loyalties, political desires, and ideologies of domesticity. Supermarkets, and the food they supplied to so many Americans, emerged, through politically minded and socially embedded calculations made by many players.”

Historically, their presence and competition destroyed cooperatives and other, smaller food markets, chains, dominant food interface.

WHAT ARE ITS IMPLICATIONS?

WHAT IS THE INVISIBLE REALITY OF CURRENT PROCEDURES?

01 ON AMERICAN CULTURE/LIFESTYLE
Impacted the US through “availability of global foods, self service mass-retailing, reliance on the car (for large grocery trip loads), and facilitating suburban sprawl”.

02 ON ECONOMY
Private business competition

03 ON FOOD PRODUCTION
Scale/Quantity

04 ON FOOD CONSUMPTION
Scale/Quantity
Food Waste: Adds 70 million more tons in our landfills each year. The results are pests, odors, toxic liquids and methane gas far more potent than CO2.

On Engagement + Consumer Behaviors

STORE - interface between design premises, merchandising, and overall operations used by employees and shoppers

SUPERMARKET - A typology defined by big box architecture; it is typically introverted and monofunctional in nature; model allows each item sold to be seen by shopper, without assistance; the transfers that were once public practices into privatized practices define its architecture space; in suburban settings, take on island-like qualities accessed by car.

PARKING LOT - Quintessential to suburban supermarket landscape; direct effect of car-culture, suburban sprawl, and convenience

FOOD/FOOD PRODUCTS - Food and food products, including but not limited to meat, poultry, fish, produce, grain, and/or manufactured foods with shelf life
ELEMENTS OF THE SUPERMARKET: WAYS OF CONTROLLING THE SHOP FLOOR

Define the supermarket typology— in time, space, and comparative contexts.

BREAK DOWN OF ENTIRE SYSTEM OF THE STORE

SUPERMARKET AS TESTING ISLANDS FOR:
01 TECHNOLOGICAL ADVANCEMENT
02 ECONOMIC DOCTRINES
03 VARIATION ON MODERN PUBLIC SPACE

SPATIAL BOUNDS
01 LARGE FLOOR SPACE, TYPICALLY SINGLE LEVEL - 48,000 sf./average, 45,000 various products carried/average
02 LARGE SURROUNDING PARKING LOTS—Urban-set
supermarkets deal with parking differently underground, above market, or on street

INTERIOR ELEMENTS OF THE SUPERMARKET AND FOOD DISTRIBUTION (at different scales of engagement)

01 INTERIOR ELEMENTS
ENTRY DOORS
SHELVES/ TABLE DISPLAYS/ COUNTERS
HEIGHT/EYE SIGHTS
MERCHANDISE PLACEMENT
WALLS/ CEILINGS/ WINDOWS—SURFACES
BANNERS/ BROCHURES/ DIRECTIONAL SIGNAGE/ INFORMATIONAL FIXTURES
FLOOR TILES—Smaller tiles make the shopping cart wheels click faster as it moves across the floor, slows user down and spend more time in an aisle
GROCERY CARTS/ BASKETS—Enlarged for children and larger amounts of purchased items
CASHIER LINES
REGISTERS
EXIT DOORS

02 TECHNOLOGY ELEMENTS

UNIVERSAL BAR CODES
Consist of 9 lines of different thicknesses—gives employers image and information of item purchased

SHOPPING CART
evolution from basket to moving chair with basket to larger modern model did not catch on at first as a trend Branded with advertisement of the store
Allowed for women to take young children shopping
Ample space for large shopping trips
Foot space for heavier items
Swing doors to allow for stacking carts together to conserve floor space
Modern carts have been upgraded with tracking systems to avoid theft out of the market, and computers to scan selections, along with recipes and coupons, and changes length of checkout
SELF-CHECK OUT = INDEPENDENCE

SPATIAL DEFINITION: INTERIOR LAYOUT IN PLAN

Perishable periphery VS. Non-perishable core
LAYOUT SEGMENTED BY DEPARTMENTS
Entry
Grocery cart area
Floor merchandise space
Middle Aisles
Perimeter Wall merchandise space
Service space
Storage space
Food and merchandise prep space
Office and functional spaces
Registors
Customer Service
Exit

FORMAL ATTRIBUTES— CATEGORICAL OF TYPOLOGY

Array/patterns
Obsessive Order, Place, Organization
Single Height programming
Single lines of sight
1. HOW THE CREATION OF THE SUPERMARKET WAS A HIGHLY CONTINGENT, NEGOTIATED, SOCIAL AND POLITICAL PROCESS; NOT INEVITABLE AND NOT EASILY EXPLAINED AS A RESULT OF CONSUMER DEMAND OR CONSUMER SATISFACTION, AND
2. TO UNDERSTAND THAT FOOD RETAILING CHANGES ARE EMBEDDED IN POLITICS AND POLICY, AND LATER MEANING, IF CONSUMERS ARE UNSATISFIED WITH CONTEMPORARY FOOD DISTRIBUTION, THEY CAN THINK OF SHIFTING THE POLITICS AND POLICY IN WHICH THOSE STORES ARE EMBEDDED.

ECONOMICS - SPATIALIZED
WHAT ARE THE ECONOMICS DRIVING SUPERMARKETS’ SPATIAL STRATEGIES?
HOW ARE ECONOMICS SPATIALIZED?

HISTORICALLY
Smaller supermarkets received their products each day from their source
Current: Privatization and centralized logistic systems introduced supply chain principles
Warehouses and distribution centers - making efficient trips to each store

ECONOMIC POWER
01 ECONOMIES OF SCALE
“The food we eat today is driven not by local cultures, but by economies of scale, and these economies apply to every stage of the food supply chain.”

Currently 34,000 supermarkets with $480,000,000,000/yr in sales (Modern Marvels)
A sole supermarket is usually owned by a chain, which owns and operates similar supermarkets in a region
Example - Safeway: With 1,000s of stores within a region, it operates its own food warehouses and distribution transportation methods to supply each store: 85,000,000 miles traveled each year, 475,000 delivered truckloads per year

02 Economic Efficiency = Lower Price
Production
Distribution/Transportation
Supply

Defra: Department for Environment, Food and Rural Affairs, UK. The Validity of Food Miles as an Indicator of Sustainable Development. 6.
LOGISTICALLY (EFFICIENT)
WHAT LOGICS GOVERN THE SUPERMARKET?
(LOGISTICS OF MAINTAINING STANDARD OPERATIONS, REQUIRES OPTIMIZED OPERATIONS/PROCESSES)

I NEED CONSTANT REFILLED, STOCKED SUPPLY OF PRODUCTS |
INCREASING AMOUNTS OF FREIGHT DELIVERIES DEPENDING ON:
01 CONSUMER DEMAND
02 LOCATION
03 SIZE OF STORE

LOGISTICS OF PROGRAM DISTRIBUTION
SEQUENCING FOOD PROCESSING/DISTRIBUTION FROM TRUCK TO SHELF TO KITCHEN:
- From a truck, food is rolled or carried into the back end of the store in cardboard and cartons.
- A moving belt carries the food boxes into a second story storage area, where they are stacked and stored until needed.
- Frozen food is taken off of a refrigerated truck and stored in a freezer room, and meat stored in a locker. Food used for the day travels to the back of the store.
- Vegetables are cleaned and prepared, as they are needed, they are brought out to the display cases where they are chosen and neatly arranged.
- Meat is ground, packaged, weighed, labeled, priced, and put in the display case for customers to choose from.
- Canned goods are unboxed and brought out to the shop floor, where their lids are priced, and then stacked on shelves based on expiration date.
- Frozen foods are arranged in refrigerated display cases.
- Offices serve as the administrative backbone of the operation—work on sale records from previous days, accounting tasks, security cameras.

POSITIONING OF ELEMENTS
Refrigerated cases must be placed close to generators, plugs, and meat rooms for practical reasons.
Dry goods and household items are placed in the center of the store.
In models where they were placed on the outside, and perishable items on the inside, the amounts of goods purchased declined.

FIG. 1, 2, 3 BASE
FIG. 1, 2, 3 BASE SAVINGS SYMBOL


UNDERSTANDING MARKETING

ADVERTISING STRATEGIES
BRANDING

Brand (personality) = attitude + response

Historically, brands/firms did not succeed by their economic efficiency, but rather their social promises for independence, autonomy, equality for women, shoppers, and modernity.

Must gain customer recognition and/or loyalty.

The grocery industry is saturated with sectors that satisfy all lifestyles.

Niche themes cater to lifestyle choices (all-organic, etc).

Standard grocery

Big-box chain

Warehouse

More brands = more competition (less brand loyalty + more choice).

Customers have more choices than ever before: price, quality, niche fragmentation, and diversity of products.

Preference vs. Priority goods = cross-shopping.

Now where there is less brand loyalty, and a great infestation of potential choices, more and more consumer decisions are being made in the store itself through the information and impressions they receive during their trip to the market.

Appeal to consumer/consumer demand.

Concept trend toward health, systems transparency, and unusual

CONSUMER PROVIDING CONSUMER

IMAGE + IDENTITY

SPECTACLE: COLOR, HYPNOTIC PACKAGING

LOGOS + SIGNAGE

ADVERTISING

“GOOD ADVERTISING DOES NOT JUST CIRCULATE INFORMATION. IT PENETrATES THE PUBLIC MIND WITH DESIRES AND BELIEF” _ LEO BURNETT

FOOD PROPAGANDA:

influences the customer; evokes response in them, educates on a bias, stemmed from US Food Administration during the war.

Marketing:

Tap into popular culture.

1920s: emphasized women’s autonomy and empowerment, mixed with personal attention and were able to win concessions from the stores, such as retention of a clerk to help them choose, weigh, and wrap produce.

IMPORTANT ON PLACE

With their many departments, supermarkets today often provide schematic labeled floor plans.

Show customers where merchandise is.

How customers circulate the store?

How much space is defined to each department?

Modern Shopping Guides as navigation counter-points.

SUPERMARKET MARKETING

MARKET INITIATIVES - Self-service models cut overhead costs, and intentionally removed social dimensions for profits: greater influx of customers and consumer demand for convenience, bulk shopping trips.

EXPERIENTIAL MARKETING - for customer loyalty, customer satisfaction have concluded that emotional experience, thinking experience, action experience and interaction experience impact positively the customer emotional loyalty while emotional experience, thinking experience and action experience impact positively the customer behavioral loyalty.

OLIGOPOLY - “few to sell”, is a market form in which a market or industry is dominated by a small number of sellers, result from reduced competition, companies control each stage (production to sales) of the food industry.

FREE ENTERPRISE - (noun) an economic system in which private business operates in competition and largely free of state control. Control factors: politics, production, consumption, engagement.

ECONOMIC - MARKETING


FIG. FOODLAND.
5150 SUBVERSIVE SUPERMARKET
LIFESTYLE
UNDERSTANDING MARKETING STRATEGIES
AMENITIES
ADVERTISING
SYMBOL
LIFESTYLING
SAVINGS
LOCATION
SLOGANS
LOCATION
SLOGANS
LOCATION
SLOGANS
LOCATION
SLOGANS
REPRESENTATIONS OF STORE EXPERIENCE
"MARKETING, ADVERTISING, PROMOTION, AND LOCATION CAN BRING SHOPPERS IN, BUT THEN IT'S THE JOB OF THE MERCHANDISE THE EMPLOYEES AND THE STORE ITSELF TO TURN THEM INTO BUYERS." 

1 Underhill, 31.
SUBVERSIVE SUPERMARKET

EXPERIENCE DESIGN

- Current market homogenizes its users
  - Eye-level Marketing
    - Sought-after “slotting”: brands can pay up to $1 million for frequented spots
    - 54” women eye level/higher men eye level/children eye level at lower placements
    - Eye-level and End-Caps (Pile it high and watch it fly)
    - Impulse items at the checkout to entertain yourself
    - Yellow as a beacon color - to draw eyesight for good prices, etc.
  - Product grouping
    - Promotional “power aisle” with strongest offers and view to all aisles
    - Things that people frequent - like coffee, baby food, and products that people have to
      make decisions over are placed in center of aisle, for people to spread out
  - Aroma + imagery to incite hunger
    - Fresh, colorful produce, Baked goods
    - Hoyt + Sauer claimed that the supermarket “must have the open display arrangement,
      pleasing color, beauty, and the charm that appeal to the American woman.”
  - Order of Products
    - Essentials at the back of store to bring people through whole store
  - Order of price - cheapest at the far end

ATMOSPHERIC STRATEGIES

Visual, auditory, olfactory senses (psychology/perception strategies)

- Smell: Fresh bakeries sell product, bakery aroma, which prompts hunger, thus increased
  purchases through impulse buys
- Sound: Slower, softer music to make people stay in the market longer
- Sight
  - Soft lighting allows people to stay in the store longer
  - Produce illuminated in tungsten light upon entrance
  - Colors - in tiles, etc.
  - Theme-park, entertainment qualities added to niche stores
    - Ex. Stew Leonard stores costume characters, county fair ambience
    - Stores want to stand out from each other - for competition reasons
    - Ex. Whole Foods - supermarket turned into favored destination
      - 80,000 sf. biggest store upbeat shopping environment
      - Proactive marketing through cooking demonstrations
      - Touch-screen for customer interactions

1 T. Deutche, 41.
2 http://www.marketmakeovers.org/mmtv/during/physical-transformation/supermarket-tactics
NARRATIVE OF SHOPPING:
STRATEGIC SCRIPTING

01 Understanding strategies at work
02 Describing the narrative to form a set of orientation cues about the experience of shopping, to then be tested and subscribed.

A narrative of food shopping emphasizes the importance of exchange and consumption to modern power relations, the women's everyday negotiations with grocers within a space testing their political and economic authority is a double edged sword. Women might be "challenging the tenets of mass retail even as they embraced the benefits of particular stores."_

_TRACEY DEUTCHE

"The narrative has proven historical provenance as a strategy of spatial manipulation and control specifically because of the way it accommodates the personal narratives of individual experience. In the context of a brand-obsessed retail economy, the narrative is put forward as a tactic where the overlay of personal and commercial stories heightens the nearly invisible branding of everyday experience."_

_BRIAN LONSWAY, MAKING LEISURE WORK

1  T. Deuthe, 10
2  Lonsway, 27
SHOPPING //

GROCERY TRIP: takes on a religious ritual in today’s society; can take the form of primary mode, where consumer spends weekly amount, or secondary mode of residual trips to get a few things; trip is defined by income, trip level, duration of time spent, and location.

SUPERMARKET STRATEGIES //

DECOMPRESSION ZONE: transition zone between parking lot and entrance of the store, enlarged by the automatic doorways that do not slow down a customer’s forward momentum into the store.

ENDCAPS: displays of merchandise on the end of every supermarket aisle, can lead into other merchandise located further in the aisle.

PINBALL EFFECT: dispersal of merchandise which bounces a shopper around the entire store and its many departments.

BOOMERANG EFFECT: When shoppers fail to walk completely from end to end of an aisle, often they go into an aisle and only take the item they need.

BUTT BRUSH EFFECT: when a shopper is disturbed by being brushed by another shopper from behind; it can be the result of poor product placement or inadequate space allocation.

CAPTURE RATE: consumers’ eyesight captures an information range from their eyes to their knees.

ARENA CONCEPT: aisles in the middle of a store are low and gradually get higher as customers reach the store’s perimeters, allowing a customer to see everything.

PLANOGRAMS: map of which products are stacked where on a shelf.

SUGGESTIVE SELLING/ADD-ONS: items that complement one another, and often add to a greater impulse purchase.

MERCHANDISE: goods to be bought and sold.

1 http://www.nber.org/Franco_American/smith.pdf
2 (Underhill 33).
SHOPPING EXPERIENCE
IMPORTANCE OF Paths/Nodes/Edges/Departments/Elements

ENTRY SEQUENCE (AS DEFINED BY PACO UNDERHILL)

Sequence from parking lot, to seeing approaching storefront windows, to entrance

Speed/Pace: Fast - Because they head toward the front of the supermarket quickly, they miss any visual cues until 10 ft. into the store.

Paco Underhill suggests a “landing strip” to slow their pace as they arrive at the entrance.

RETAILING STRATEGIES:
/ Start propaganda/signage on the ground, rather than in the store windows where almost no one looks as they race into the store.

02 ENTRANCE/TRANSITION

Speed/Pace of User: Transitions Fast to Slow, as they adjust to store

Outside before the enclosed entrance is the semi enclosed, indoor/outdoor awning. Users must adjust to new lighting, temperature, + beginning of interior space qualities

RETAIL STRATEGIES:
/ Atmospheric quality: Noise/Lighting/Programmatic qualities to slow shopper down
/ This space should be used for simple reminders and visual cues to the company’s brand
/ Offer a basket, cart, MAP, or coupon - things which require the shopper to stop their momentum, pause, and continue on at a slower shopping pace
/ For the customer to take notice, baskets and flyers placed 10 ft. from door
/ Slow down pace moment/setting into new surroundings and the shopping mentality
/ Push merchandise beyond the store and begin the selling spaces at the boundaries of the parking lot (using parking lot space for something more meaningful than parking)
/ Could you slow down the experience entirely through a major discount pile section, or the reject items/merchandise?
/ Place of Largest Influence: To the right of the entrance zone of the store, just as the customer has slowed and become oriented
/ Keep the customers’ arms free of burden and suggests a check-in for their belongings - more hands means more purchased items

STRATEGIC SIGNAGE:
Disseminating text or store information in small doses; emphasis on sequencing and layers to clearly convey a message along the promenade.
Wait until a place further in store, where user’s pace is slow enough to read the whole message.
SOCIOPOLITICAL
POINT-OF-EXCHANGE/PURCHASE

WHAT IS THE POINT OF “EXCHANGE” IN THE MODERN SUPERMARKET?

Action: When a person chooses something off the shelf,
The retailer must convert the shopper into a customer/buyer.
What spatiality is attached to that action, and the product’s implications and/or locations?
What tools/elements are needed for this exchange?
Tracing food back to source (produce, dairy, meat, food product, goods etc.)

STORE’S INCOME
- Correlates to store’s ability to appeal to, and keep up with Consumer Demand
  - Customers’ demands: variety and quality, fresh products, convenience with location and hours
  - Historically, supermarkets were based on consumer demand (wants and needs), from women’s autonomy to organic food for people today
- Supermarkets also pay close attention to the consumers’ behaviors, buying and shopping patterns, retail interests, and cultural influences
  - Tracking surveys: what consumers are thinking, buying, habits

Indicators of good retail performance (Underhill)
- Conversation Rate: the number of shoppers converted into buyers
- Time spent rate: more time spent in store = more purchases/sales
- Interception rate: more contact = more sales
- Waiting time: thumbs down

Half of all buying decisions were made in the store

POINT OF SALE: FACTORS

DISPLAY/ PACKAGING: EXPERIENCE HELPS STIMULATE UNPLANNED, IMPULSE BUYING – OVER ½ OF ALL SUPERMARKET PURCHASES ARE UNPLANNED

PLACE, PHYSICAL POINTS OF EXCHANGE BETWEEN USER – SUPERMARKET IN PERFORMANCE

01 Storefront: Signage as acknowledgement of choice of brand
02 Threshold, entrance + cart pickup
03 Aisle Shelf or Display case: merchandise choice
04 Register: purchase
05 Threshold, exit to parking lot (sub-urban context) or street (urban context)

“Strategies that otherwise demand radical changes in food shopping continue to obscure the inevitable work of navigating food markets and to deny the workings of power at the point of purchase.”

__Tracey Deutche__

“Design for Selling: A Study of Impulse Buying”
NAVIGATING THE NARRATIVE

THE RELATIONSHIPS BETWEEN THE SOCIAL PRACTICES OF CONSUMER-USER, HISTORICALLY AND PRESENT, WITHIN THE EVERYDAY ARCHITECTURE OF THE SUPERMARKET, AND HOW PEOPLE'S ACTIONS ARE BOTH AFFECTED BY, AND CREATE THOSE ENVIRONMENTS, ARE CRITICAL POINTS OF RESEARCH TO UNDERSTAND THE SUPERMARKET EXPERIENCE.

USER (N): CONSUMER

USER (V): SHOPPING

CONSUMER: purchaser/user of goods for private means. The act of consumerism is an inherently private enterprise. Supermarkets are set for consumers, not citizens.

BEHAVIOR: Response to a particular situation or environment

AGENT: An active entity. Agent - Perception of Environment - Decision/Choice - Action

AGENCY - Action or intervention; to produce particular effect; synonyms: action, effect, influence, power of role

CIVIC AGENCY - Exertion of influence and power - what choices do consumers have to change/choose routes in this new designed network? option to look, follow paths, seek knowledge, etc.

EXPERIENCE:

EXPERIENCE ECONOMY - Experience as commodity, or consumed product; experiential factors tailored to lifestyle, or interests of use

SHOPPING/CONSUMPTION/RETAILING:

SELF SERVICE: Retail model eliminating advice, interaction, and dependence on sales clerks from shopping experience; Appealed to the modern shopper- young, married, independent-minded (but not to the extent of challenging firm policies).
THE CONSUMER/USER

ROLE
01 WHAT IS THEIR ROLE? WHAT IS THEIR AGENCY?
02 WHAT DO THEY DO (PRACTICE)?
03 WHAT IS SPACE DO THEY/CAN THEY GENERATE?

POINT OF EXCHANGE
ACTION: CONSUMER-INTO-BUYER

MIDDLE AGED CONSUMERS
Women with children are interested in convenience, and a large amount of them are interested in transparency and traceability, to feed their families healthy food.

YOUNG CONSUMERS
Emphasize transparency and traceability for their food and have an interest in shopping amenities. Short, multiple trips.

OLDER CONSUMERS
Emphasize transparency and traceability for their food and have an interest in shopping amenities. Longer weekly trips.

IMPORTANT ASPECTS: ACTION + CHOICE

USER'S ROLE FRAMED BY CERTEAU:
01 Describing, transcribing, and re-scribing the user's processes and actions. Navigating and inhabiting the narrative set forth in the Place. User's practice/work transforming the Place into space.
02 Developing the user's agency and critical production of space as they experience and engage with the supermarket's current context and histories.
03 Vocalizing the consumer's personal values - spatially.

THE CONSUMER/USER

ROLE
01 WHAT IS THEIR ROLE? WHAT IS THEIR AGENCY?
02 WHAT DO THEY DO (PRACTICE)?
03 WHAT IS SPACE DO THEY/CAN THEY GENERATE?
USER ANATOMY
2 hands for reaching for items, hanging 3 feet above the ground

Eyes focus on what is directly before them, but also take in a periphery. Look at people more than objects

Where will they walk? And how? What are their paths, speeds, and responses to surroundings?
USER PATTERNS IN RELATION TO SPACE

KEY RETAIL STRATEGIES, DESCRIBED BY PACO UNDERHILL

A store is designed to take advantage of consumers’ behaviors, where they move and look.

CONSUMER/SHOPPERS tend to be drawn in by new experiences, products, adventure and sales.

MIRRORS: use reflective surfaces because people will down at mirrored surfaces.

American people tend to walk on the Right- like the way they drive a car.

Shoppers walk forward, and to the right of the aisle, rather than the side-aisle strategy where the have to turn their head or body:

- Designs could be suited for a forward momentum on the user, where they don’t have to turn their attention or pause.
- Have displays tilted to the left or at an easily seen angle.
- Chevron shelves at a 45 degree angle to the aisle to expose more of the aisle’s goods to the passing customer.
- To entice customers to travel down an entire aisle, they should place popular goods halfway down the aisle.
- Front and back of the store are important, so the the essentials are placed at the back, so consumers are drawn through the whole store.

FIG. 1, 2, 3: PATHS

The politics of supermarkets and the making of a mass market

Local politics and social dynamics are crucial to understanding everyday consumption and social order. The older notion that food shopping invited, or even required, assertiveness and personal attention from retailers that it could be a route to broader economic and political authority has been supplanted by a new understanding of consumer behavior. In the 1950s and 1960s, the work of procuring goods for families had come to be understood as less important and less political, even as other forms of work all but disappeared from public policy, business strategy, and social movements.

Role of Consumer

Use media consumption as a challenge to political and social order.

The supermarket as a powerful symbol of consumer society and capitalism from the 1940s onward. Full of government laws, regulations, and guidelines, chain firms had to develop new strategies of standardization, but were met with consumer resistance and localized political or economic vagaries.1

Retailers' relationships with city officials were important. Consumers' own political authority weighed heavily on chain vs. independent competition under new zoning laws. The city had the authority to approve/deny changes to supermarket store exteriors, additions, signage, new locations, etc.01 Local businesses claimed to be victimized by large chain competitors.02 Anti-chain movement for state regulation of grocery stores/consumption (received by intense PR schemes from A&P and Kroger to win over local farmers and consumers)03 In the 1930s, consumption became politically important in a structural way...

1 T. Deutche, 71.

2 T. Deutche, 87.

3 T. Deutche, 226.

1. Supermarkets as powerful symbols of consumer society and capitalism from the 1940s onward.
2. Anti-chain movement for state regulation of grocery stores/consumption received by intense PR schemes from A&P and Kroger to win over local farmers and consumers.
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Tracey Deutche2

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Tracey Deutche2
PRE-SUPERMARKET: Women’s shopping was their work, with laborious negotiations with sellers. The work encounters were intense and uncomfortable, messy social relations. “Women would need (1) to choose chain stores rather than their accustomed, neighborhood grocer (2) in large enough numbers to achieve the massive sales that headquarters required (3) to pay off the significant overhead of running large numbers of stores that firms needed (4) to achieve the economies of scale required by their low prices. For this to work women would need to relinquish the authority and personal attention they had been used to in stores, to be willing to adhere to store policy, and to take on many tasks (like transporting goods from stores to homes) that stores had previously offered.”

WHAT SENSE OF POWER AND AUTHORITY DID WOMEN HAVE IN THESE SETTINGS? WHAT DID THEY ACTUALLY WANT?

(Tracey Deutche concludes with an illusion to The Stepford Wives, the film’s ending scene, taking place in a peaceful, and idyllic supermarket critiquing modern food procurement: It implied that everyday food shopping required only routinized, mindless labor, that consummate food shoppers—women—could not both perform domestic labor and maintain autonomous thoughts or a desire for authority.)

“Supermarkets encourage the production of subject who shop steadily, in large quantities, and without challenging store policy or demanding too much in the way of help or personal attention. Demands for changes in store policy or offerings increasingly occur away from the shop floor. Policies of stores and the state make it difficult to see labor, anger, and acts of assertiveness—even when they do occur.”

SUPERMARKETS HAVE BEEN JUSTIFIED BY THEIR ‘SUPPOSED DESIRES.’ UNDOING CURRENT SYSTEMS OF DISTRIBUTION REQUIRES UNDOING IDEAS ABOUT WHAT (CONSUMERS) WANT.”

1 T. Deutche, 1.
2 T. Deutche, 131.
1 T. Deutche, 44.
2 T. Deutche, 223.
HOW DOES THE ARCHITECTURE FOSTER AGENCY OF CONSUMPTION AND AUTONOMOUS EMPOWERMENT IN ITS USERS?

WHAT ARE THE AGENCIES OF CONSUMPTION?

- Freedom/Authority of choice
- View it from a view of activism, rather than indicative of materialism

WHERE IS THE EMPOWERMENT? (IN ALL ROLES)

- Customer
  - Critical nature, proactive choice(s)
  - Economic authority
  - Autonomy in choice self-check-out

WHAT IS THE ROLE OF THE CONSUMER/USER/CUSTOMER?

Evolution of Service Interactions

- Grocer = Clerk = Full Service
- Grocers - Clerks = 1st Self-Service Model (Piggly Wiggly)
- Grocer + Baker + Produce Vendor + Butcher = 2nd Supermarket Self-Service Model, Intro of Departments
- Self-Service Modern Model = enlarged, modernized version of 2nd

WHAT IS THE EXPERIENCE OF THE SUPERMARKET? (Certeau’s “scriptural economy”)

- As Customer
  - How do they respond to the supermarket’s environment?
  - How do they shape the environment?

- As Employee (Grocery Clerk/Shelf Stocker/Food Processor/Janitor)
  - As Manager (Front End/Logistics)

- As Control Room Operator

Catalog of performed, repetitive actions of each role

Catalog circulation routes, patterns, break down of routine

1. T. Deutche, 225.


NEXT EVOLUTION OF CONSUMER
CONSUMER/PRODUCER RELATIONSHIP
What dialogues, encounters, exchanges, and interactions, are created between the institutional structures in charge, and the everyday users of, supermarket space?

SPATIAL INTERACTIONS

01 RELATIONSHIP OF INDIVIDUALS (PUBLIC SPHERE) TO SPACE: demographics, backgrounds, prior knowledge/preconceived notions

02 RELATIONSHIP OF AUTHORITY (PRIVATE SPHERE) TO SPACE: incentives, set-in-place policies, status quo corporate agenda

03 RELATIONSHIP OF POWER TO BUILT SPACE: the spaces, ruled by strategic power agendas and ideologies, regulate its users and monitors their actions

STRUGGLE FOR AUTHORITY ON SHOP FLOOR

TOOLS FOR CONSUMER (USER)

01 CAR: The suburban supermarket model relies heavily on this element. The space allows for large purchases and family with children, all with the convenience of not having to lift a finger, making once-a-week food shopping achievable, and bulk purchasing feasible with the car’s trunk space

02 CART: Technology that allows for larger purchases, unburdened hands, and family trips

TOOLS FOR PRODUCER (RETAILER)

01 SURVEILLANCE: Technology and control used on the exterior and interior property of the privately owned supermarket; discourages against and tracks unsolicited acts by users

02 LAYOUT
ARCHITECTURAL TOOLKIT

01 THEORETICAL FRAMEWORKS
02 CASE STUDIES
TOPIC MOTIVATIONS
CONSUMPTION AND
PROBLEMS WITH THE FOOD SYSTEM,
UNACKNOWLEDGED BY THE SUPERMARKET'S STRUCTURE

SUPERMARKETS ARE ISOLATED FROM THE SYSTEMIC CONSTRUCTS THAT DEFINE THEM, THUS HANDICAPPING THE POTENTIAL OF THE CONSUMER-USER NAVIGATING THROUGH.

SITE OF RESEARCH
SUPERMARKET CONSTRUCT SHAPED BY SOCIO-POLITICAL AND ECONOMIC FORCES, ALONG WITH THE LOGISTICS OF THE FOOD SYSTEM

CAROLYN STEEL: HUNGRY CITY
FOOD SYSTEM CONTEXT
TRACEY DEUTCH: BUILDING A HOUSEWIFE'S PARADISE
HISTORIC CONTEXT
PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES

PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES SPATIALIZED
MICHAEL DE CERTEAU: THE PRACTICE OF EVERYDAY LIFE
EMBEDDING TACTICS IN STRATEGIC LANDSCAPE

ANALYSIS
FILTERING RESEARCH THROUGH SPATIAL LENS
APPLYING THEORETICAL FRAMEWORKS TO ANALYSE THE SITE + ITS TYPOLOGY

HYPOTHESIS (TESTING)
tools + methods
narrative/tour
strategy
inversed for tactical use
point of exchange
instrument for transparency + agency

CRITIQUE/SYNTHESIS
consumer-user
producer
LENS OF USER
REPOLITICIZING ARCHITECTURE OF THE EVERYDAY
This section embeds spatial theory within the supermarket to better understand consumer possibilities for action and empowerment.

**Research Question 4.1**

How does observing and analyzing the strategized marketing, economics, and psychology of the supermarket, through a spatial lens of de Certeau and others, lend to the framing of situations for and contingencies of intervention and the use of emphasized or ulterior spatial tactics?
As Debord writes in the Society of the Spectacle, the spectacle’s (the Supermarket’s) essential character reveals it to be a visible form of the negation of life, an inaccessible reality, and an affirmation of choices that have already been made in the alienated spheres of production and, then consumption. An exercise in Situationist tendencies, driven by subversion of ideologies, intentional unitary urbanism, and psychogeography, could potentially revive the “living” once again.

APPLICATIONS

Our culture is beginning to shift over the last decade as a greater number of consumers urge for safer, more humane, healthier (et al) products, more transparency, and knowledge about their foods. How can the structural, architectural space of the supermarket and other structures that categorize everyday western routines support the conscious user and unveil hidden pieces and societal networks?

Which ways can citizen-designers and citizen-architects perform strategic (albeit in a tactical manner) actions, within the established order, to RE-order and subvert from within?

Although 50-60 years have passed since the height of the Situationist movement, their concerns of mass media and concern have only worsened, and their concept of creating a new urbanism of production to allow people to be more of equals with producers rather than submissives, still holds relevancy and is extremely necessary for us to move from puppet toward person.
Although research was spent analysing Situationists, Henry LeFebvre, and his more modern predecessor, Certeau, Certeau is more adaptable to current consumer conditions than LeFebvre’s work. This thesis seeks to evolve this track of theoretical ideas by embedding them into current everyday practices.

Certeau’s work places an importance on people’s potential as critical users of space, who harness power to change and reinterpret it through tactics. The aim is to harness this, to challenge, and reconstruct power structures.

"NEW WRITING" AGAINST THE "SCRIPTURAL ECONOMY"

As Certeau theorizes everyday spaces are embedded with subscripted tactical operations or occupations within the space. These tactical writings are alternative ways of a user’s reading of the space. The users then have the ability to understand the rules or limitations of operating the space, and can seize the opportunity to overlay, embed, or inscribe the space with their actions/occupations.

The spaces of intervention are highly controlled, private institutions. Tactical interventions attempt to establish a series of alternative spaces of action within the frameworks of controlled space.

"THE TACTICAL IS TRESPASSER, PRODUCING MEANING BY DANCING ON THE GROUND OF OTHERS [STRATEGIES], ALLOWING FOR CONSTANT DISRUPTIONS IN THE CIRCUITS OF POWER."

MICHAEL DE CERTEAU
THEORY #1: SPATIAL TACTICS

EVERYDAY LIFE: The practices of repetition, routine, and unconscious habit/activity/behavior, notably described by Michel de Certeau.

STRATEGY: An inflexible institutional operation, with a uniform set of laws, rituals, and products which it creates needs for. It can be understood as a practice that imposes order through set system, ie. self-promotional strategies of supermarkets.

TACTIC: Focuses on the processes through time, rather than end results.
THEORY #2: NAVIGATING SPACE

PLACE: The product of space, which is formed or structured by governing institutional (social, cultural, economic) forces’ strategies, describes a definitive location.

SPACE: Place transforms into Space through time, situations, and movements. Space is created as people tactically practice moving in space, thus reconstructing, inscribing, or reinterpreting the Place into space.

MAP: Abstract representation of Place. Described by Certeau as a way to control a place through a singular point of view.

TOUR: Experience through a space, based on the user’s actions and movements. Creates a narrative for a space. Certeau favors the tour over the map for its spatial narrative qualities and dependence on the user’s experience.

[ modes of navigation + spatial representation]
4.1 THEORETICAL APPLICATIONS

CERTEAU
UNDERHILL

STRATEGIES
TACTICAL INTERVENTION

FRAMEWORKS FOR SITE APPLICATION

GROUNDING CERTEAU

01 OVERLAY

The Overlay shows traces of spatial tactics, uncovers, and presents existing conditions, regulations, and activities.

OVERLAY POTENTIALS:
Superimposition, imposition, supposition

02 SPATIAL COUNTER-SCRIPTS

Actions and/or occupations in space to engage with the existing narrative of the supermarket and its context near and far.

Combining top-down and bottom-up forces/roles sets a new ground for constant negotiation/mediation.

01 PLACE IS FORMED BY GOVERNING INSTITUTION'S STRATEGIES
SPATIALIZING UNDERHILL

02 PLACE IS INFILTRATED BY EVERYDAY USER'S TACTICS
ACTIONS/MOVEMENTS/READINGS PRACTICES WITHIN SPACE
SUBVERSIVE SUPERMARKET

OFFERING TO SLOW PACE "LANDING STRIP"

LARGEST AREA OF INFLUENCE TRANSITION ZONE

ESSENTIALS IN THE BACK

LANDING STRIP"
THE NARRATIVE/TOUR HAS GREATER AFFECT ON THE USER’S EXPERIENCE THAN A MAP.
RATHER THAN A MAP, THE AXON IS USED AS A WAYFINDING TOOL.

INFLUENCE BEGINS IN THE PARKING LOT.

IMPORTANCE FOR ENTERING NEW NARRATIVE ADVERTISING

routes border back end of the store - where there are gaps

routes for narrative to embed

CONSUMER-USER OF INTEREST

INFERIOR IN THE BACK

ESSENTIALS IN THE BACK

PHYSICAL BORDER BETWEEN CONSUMER AND PRODUCER

BRING INTERIOR EXPERIENCE OUT
CASE STUDIES

CHALLENGING THE EXTERIOR OF THE SUPERMARKET

SPAR MARKET

ARCHINAUTEN

CASE STUDIES

FORMAL

Challenging the exterior of the supermarket

SPAR SUPERMARKET

Graz, Austria; Love Architecture

Formally, the folded shell arches over the supermarket, extending the interior effects outside into the parking area and creating an extensive entry. The sustainable building enclosure entices eco-friendly, conscious consumers who visit the store.

SPAR SUPERMARKET

Umunden, Austria; Archinauten

The supermarket design has a civic role. The exterior wall bench becomes a place for gathering in the adjacent plaza. The concrete wall includes glass slit windows, a feature not common in low-budget supermarket structures.

BEST STORES

BEST Store Locations; SITE Architecture/James Wines

Each BEST store location constructs the building enclosure in a different way.

In Tilt Building on the far left, the facade is lifting up, exposing the interior, and creating a grand entrance for customers.

In Notch Building, the corner entrance is pulled away, forcing the user to walk around it.

In the third case study, the facade pulls away each of the layers that make up the typical supermarket facade - the building envelope, the parapets flanking the entry, and the archways over the doors. The design depicts the false depth of supermarket facades.


HISTORICAL

To illustrate the evolution of store design and to demonstrate the complex processes involved in the design and the completion of specific developments:

1. PIGGLY WIGGLY – MEMPHIS, TN 1916; CLARENCE SAUNDERS
   - Highly constructed narrative lends itself to the efficiency of consumption
   - Revolutionary for grocery shopping: First precedent to modern self-service supermarket
   - With the alleviation of store clerks behind the counter, overhead costs decreased
   - Removed social dimension to improve efficiency, product
   - Patented layout: New spatial restrictions and path of the consumer
   - Turn-style to enter the store, once you were in, you could not leave until you were finished shopping
   - Shopping baskets in a container upon entrance
   - Linear-based Aisle system, which customer could navigate, choose, and gather their own goods; goods selected may be billed, packed, or settled/paid for
   - Price tags were used for the first time for food and goods
   - Attention to Design of Store + Package

2. FOODELECTRIC – CONCEPTUAL SUPERMARKET MODEL; CLARENCE SAUNDERS
   - Precedent to today’s self-checkout
   - Allowed customer to gather, wrap, and check out their goods without the necessity of grocery staff
   - Electronic device would scan package code and pay for your goods

3. KEEDOOZLE – MEMPHIS, TN 1948-1949; CLARENCE SAUNDERS
   - First fully automated (electronically operated) grocery store
   - Emphasis on Moment of Exchange and Purchase: Classified by User Action of Inserting Key
   - Merchandise is each placed in separate glass case
   - When you choose your item, you insert a key into the specific case slot
   - The key triggers wires to light up the light on the front of the case and print your order on a receipt/ticker-tape
   - The receipt is given to the cashier, who processes it and the goods you ordered are brought down the conveyor belt and billed to you 10-15% cheaper prices than competitors
   - Failed as a sustainable market model—could not withstand high demand or traffic
   - Exchange time was slow

"RETAIL...IS AS MUCH ABOUT ITS FAILURES, AS ITS SUCCESSES..."

— SHARON ZUKIN, POINT OF PURCHASE
CONCEPTUAL

CASE STUDIES + APPLICATIONS
Spatial understandings + speculations

01  ARCHIZOOM - NO-STOP-CITY: PLANLESS PLAN SERIES

The creation of plans in comparison to the landscape of the supermarket/structure, ways to intervene and interject into a coded landscape.

The plans were typed out on a typewriter and codified through limitations of the machine’s type settings (rules/codes). Limits on leading, tabs, indentation, spacing (void/gap spaces). The plans was incomplete and allowed for further occupation and understanding.

DISARRAY
OBJECTS IN FIELD/INTERACTIVE

02  BERNARD TSCHUMI - PARK DE LA VILETTE, PARIS

Urban interventions that frame, bridge, connect a larger space.

Fails to be truly human scale, despite being interested in architecture as an event, or sequence.
ARCHIZOOM—NO STOP CITY

PLANLESS PLAN SERIES, 1969

OPERATED WITHIN LIMITATIONS

limits of the machine:
leading,
tabs,
indentation, and
spacing (void/gap spaces)

The plans were incomplete and allowed for further occupation and understanding.

FIG. 1, 2, 3, 4, 5

CONCEPTUAL STUDIES
ARCHIZOOM- NO STOP CITY

Each plan image consists of two superimposed images.
The original base document, and the second color-edited layer.
CONCEPTUAL STUDIES
SUPERMARKET ADAPTATION _ ARCHIZOOM INTERPRETATION

FIG. 1, 2, 3, 4, 5 TOP

FIG. 1, 2, 3, 4, 5 BASE

Each plan image consists of two superimposed images: The original base document, and the second color-edited layer.
THE SUPERMARKET

IN RELATION TO NO STOP CITY

OPERATES WITHIN LIMITATIONS

limits of the structure
governing rules,
policies, and
regulations.

The plans and constructs which govern their spatial and
experiential factors have voids and gaps for further occupation
and circulation of information.

It shows how to intervene and interject within the limits of a
coded landscape.

CONCEPTUAL STUDIES

SUPERMARKET ADAPTATION _ ARCHIZOOM INTERPRETATION
BERNARD TSCHUMI - PARK DE LA VILLETTE

PARIS

URBAN INTERVENTIONS

1 _ fragmentation of whole
2 _ recomposition of pieces
3 _ points, frames, and bridges to connect moments

The user experiences the larger landscape through elements that frame and connect moments.
CONCEPTUAL STUDIES
BERNARD TSCHUMI - PARK DE LA VILLETTE

FIG. 1, 2, 3


This image consists of the original base image, and the superimposed, color-edited top layer to highlight specific elements.
CONCEPTUAL STUDIES
SUPERMARKET ADAPTATION _ LA VILLETTE INTERPRETATION

Each plan image consists of two superimposed images. The base image and the second color-edited image layer, which was enlarged and distorted to fit base.
THE SUPERMARKET
IN RELATION TO LA VILLETTE

URBAN INTERVENTIONS
1. scripts over/renarrating the experience
2. places importance on user’s viewport
3. interactive objects within str

The experience of the user is rescripted from within the supermarket landscape to frame particular moments (information).

CONCEPTUAL STUDIES
SUPERMARKET ADAPTATION _ LA VILLETTE INTERPRETATION
CONCEPTUAL STUDIES
SUPERMARKET ADAPTATION _ LA VILLETTE NARRATIVE + INTERVENTION
ARCHITECT'S ROLE

01 ARCHITECT AS TRANSGRESSOR

"The architect challenges mainstream paradigms with alternative images and models for spatial organization and inhabitation" - dualities can suggest spaces of control which don't eliminate possibilities for alternative design interventions, and where alternative designs can be subsumed by a "structured opportunism".

— BRIAN LONSWAY, MAKING LEISURE WORK

02 ARCHITECT AS CITIZEN DESIGNER
ARCHITECTURE'S ROLE

DISCIPLINARY CONVERSATIONS:
01 Architecture as event(s)
02 Architecture as advertising
03 Architecture as practicing space

Architecture emphasizes an understanding of users in the space, their tasks in relation to the environment. Architecture can address the need to change consumer logic and mindsets. There are greater implications of the experience from designed outlets for consumer-user's agency and choice.

ARCHITECTURE AS AN INFILTRATIVE TOOL FOR EXPOSING LARGER SOCIETAL CONSTRUCTS AND INCITING CHANGE WITHIN THEM:
01 Teasing out the complexities that construct the supermarket experience
02 To educate people
03 To tailor the experience of each user (child/millennial/adult)

The architecture of the supermarket does not go beyond the ideas of efficiency and economic incentive. The current model distances the consumer from implications of their behavior, and relationships with the larger food system. There is little knowledge of the production and processes of our food. Modern supermarkets have changed the way people think about, and how they eat, food.

Architectural skills and design thinking can be applied to these contexts, to contribute to and narratively create a more transparent food system. It can also respond to growing demands for consumer transparency by engaging the consumer-user's action and agency.

HOW CAN ARCHITECTURE AND DESIGN OPERATE HERE (OPERATION, MATERIAL, ORGANIZATION, ETC)?
HOW CAN WE ACKNOWLEDGE THE IMPLICATIONS OF FOOD (SUPPLY, DEMAND, REQUIREMENTS) THROUGH A SUPERMARKET TYPOLOGY?

ARCHITECTURE AS AN INSTRUMENT FOR
01 Transparency and traceability, and
02 To activate the consumer-user's role in production of space (engages with social, political, and economic)
03 To undo the market, counteracting and unraveling its networks in order to transform the user's experience, knowledge, and
04 Architecture has the ability to create an experience, one which allows for the next evolution of consumer's role, while also addressing the constructs of the experience economy. It creates a framework for consumer-users to have a more critical role.
SUBVERSIVE SUPERMARKET

TOPIC MOTIVATIONS

CONSUMPTION AND PROBLEMS WITH THE FOOD SYSTEM, UNACKNOWLEDGED BY THE SUPERMARKET'S STRUCTURE


SITE OF RESEARCH

SUPERMARKET CONSTRUCT SHAPED BY SOCIO-POLITICAL AND ECONOMIC FORCES, ALONG WITH THE LOGISTICS OF THE FOOD SYSTEM

ECONOMICS SPATIALIZED

EXCHANGES BETWEEN POWERS

AGENCY IN CONSUMPTION

CAROLYN STEEL: HUNGRY CITY
FOOD SYSTEM CONTEXT

TRACEY DEUTCHE: BUILDING A HOUSEWIFE'S PARADISE
HISTORIC CONTEXT

PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES

MICHAEL DE CERTEAU: THE PRACTICE OF EVERYDAY LIFE
EMBEDDING TACTICS IN STRATEGIC LANDSCAPE

ANALYSIS

FILTERING RESEARCH THROUGH SPATIAL LENS

APPLYING THEORETICAL FRAMEWORKS TO ANALYSE THE SITE + ITS TYPOLOGY

HYPOTHESIS (TESTING)

tools + methods

narrative/tour

strategy

inversed for tactical use

point of exchange

instrument for transparency + agency

CRITIQUE/SYNTHESIS

consumer-user

producer

LENS OF USER

REPOLITICIZING ARCHITECTURE OF THE EVERYDAY

REPOLITICIZING ARCHITECTURE OF THE EVERYDAY

CRITIQUE/SYNTHESIS
The architect has the ability to mediate the landscape of the supermarket from inside forces out, rather than standard terms of governance from systemic outside forces in. Architectural design can transform the experience of the supermarket by spatially inversing and extrapolating the conceptual and methodological strategies of the supermarket, thus addressing the context in which the supermarket is situated. The use of the narrative/tour and spatial tactic as architectural design tools for agency in and production of, space evolves, and repoliticizes, the role of the consumer-user.
The thesis will investigate how a superimposed set of architectural tactics can foster an opportunous and empowering, alternative narrative in the modern consumer landscape. Tactically subversive design interventions within, and beyond, the confines of the market will be integral to inform the user and create disruptions in their shopping routines. Through these tactical interjections and transformations which counteract current policies and tease out the networks the supermarket is a part of, the supermarket experience becomes undone in one sense, and transformed in another. The design aims to blur the lines between producer and consumer-user, production and consumption, and the authority that lies within roles. By using architectural elements as infiltrative instruments for empowerment, education, and exposure of current strategies, the limits of the supermarket become active opportunities for a politicized user agency and expanded knowledge for the everyday user in the commodified food chain.

**AIMS:**
1. Through an examination of politics, production v. consumption relationships, and engagement,
2. To create an interesting, thought provoking, divergence from the typological standard,
3. To recontextualize the supermarket back into a greater context,
4. To unveil the truth environment to the modern user and generate a larger consciousness in the public user, to make the common user question and understand the consequences of their habits and actions.
5. To emphasize traceability, transparency, and accountability by integrating info, and situating within, an already established system,
6. To change designed spaces with the corporate interests of the user in mind into spaces with the interests of the user in mind, and
7. Reintegrating the architect’s skills back into the supermarket structure allow the Individual conviction to rightfully take back their integrity as citizens, individuals, people - voiced users, not consumers.

**METHODS FOR TESTING:**
1. Take a critical approach on, within, and about these thematic spatial practices, without the typified cynical approaches that usually issue and usually acknowledges the complexities inherent in political individual spatial inhabitation
2. Create a space to foster social agency by situating them in realms close to or part of their everyday actions. To seek opportunities for critical situation - more in-depth, informative stance and inhabitation within these landscapes/spaces
3. Negotiate commercial environments by providing greater amount of information, and more levels of information, about an existing location, situate its location rather than its assumed isolation, and to maximize the time one spends in it
4. Use critical framework to better understand how one s agency shifts in the environments produced by the economic, supermarket experience
5. A navigational scheme and personal narrative to the otherwise thematic overarching approaches in these spaces - an alternative narrative superimposed on the intended narrative
TOPIC MOTIVATIONS
CONSUMPTION AND
PROBLEMS WITH THE
FOOD SYSTEM,
UNACKNOWLEDGED BY
THE SUPERMARKET'S
STRUCTURE

SUPERMARKETS ARE
ISOLATED FROM THE
SYSTEMIC CONSTRUCTS
THAT DEFINE THEM, THUS
HANDICAPPING THE
POTENTIAL OF THE
CONSUMER-USER
NAVIGATING THE
FOOD-CONSUMING
LANDSCAPE

SITE OF RESEARCH
SUPERMARKET
CONSTRUCT SHAPED BY
SOCIO-POLITICAL AND
ECONOMIC FORCES, ALONG
WITH THE LOGISTICS OF
THE FOOD SYSTEM

ECONOMICS SPATIALIZED
EXCHANGES BETWEEN POWERS
AGENCY IN CONSUMPTION

CAROLYN STEEL:
HUNGRY CITY
FOOD SYSTEM CONTEXT

TRACEY DEUTCHE:
BUILDING A HOUSEWIFE'S PARADISE
HISTORIC CONTEXT

PACO UNDERHILL:
WHY WE BUY
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ANALYSIS
FILTERING RESEARCH THROUGH SPI RAL LENS
APPLYING THEORETICAL FRAMEWORKS TO
ANALYSE THE SITE + ITS TYPOLOGY

HYPOTHESIS (TESTING)
tools + methods
narrative/tour
strategy
inversed for tactical use
point of exchange
instrument for transparency + agency

CRITIQUE/SYNTHESIS
consumer-user
producer
LENS OF USER
REPOLITICIZING ARCHITECTURE OF THE EVERYDAY
PROGRAM: SELF GUIDED MUSEUM-LIKE EXPERIENCE

SITE: Set in supermarket model, which acknowledges distribution networks

SITE HOST
Host qualities required to test the Conditions, Program, and Procedure(s):

- Regimented (typological) supermarket consisting of:
  01 Repetition
  02 Controlled spaces
  03 Stratified programs
  04 Segregated tasks of users

HYPOTHESIS

TOOLS + METHODS
narrative/tour
strategy
inversed

LEVING CONSUMER

CRITIQUE/SYNTHESIS
consumer-user
producer

LENS OF USER

ONLY SPACE ALLOCATED TO PUBLIC INTEREST

SUPER|TYPICAL|MARKET CONDITION
TOOLS + METHODS OF INTERVENTION

Spatializing tactics
REINTERPRETING STRATEGIES + THEORIES FOR TACTICAL INTERVENTION

01 UNDERHILL
- Utilize Underhill’s information for the benefit of the new experience of discovery within the consumer/producer landscape
- Identify zones of intervention (at scale of market and beyond)
- Waiting time, the amount a customer waits affects their satisfaction and overall purchasing. Shoppers’ needs and demands must be met with precision. The more people had to wait, the less purchasing was completed. Customers remember negative details longer than those of satisfaction (Underhill)

REVERSE MARKETING STRATEGIES (°)
IDENTITY
BRANDING: Color, tags, attention to some things rather than others
EXCHANGE
INTERACTION
POINT OF PURCHASE
DISCRETE CHOICE

02 FRAMED BY CERTEAU
- Analyzing and using STRATEGIES AS TACTIC embedded within the themes and performances governing the supermarket

IMPORTANT FOR ENTERING NEW NARRATIVE ADVERTISING
KEY AREA
BRING INTERIOR EXPERIENCE OUT
CONSUMER-USER OF INTEREST
ESSENTIALS IN THE BACK
OFFER GUIDE!
PHYSICAL BORDER BETWEEN CONSUMER AND PRODUCER
ROUTES FOR NARRATIVE TO EMBED
INFLUENCE BEGINS IN THE PARKING LOT
ROUTES BORDER BACK END OF THE STORE - WHERE THERE ARE GAPS
THE NARRATIVE/TOUR HAS GREATER AFFECT ON THE USER’S EXPERIENCE THAN A MAP.
RATHER THAN A MAP, THE AXON IS USED AS A WAYFINDING TOOL.
OFFERING TO SLOW PACE
“LANDING STRIP”
LARGEST AREA OF INFLUENCE
TRANSITION ZONE
EQUIPPED, ORIENTED SHOPPER
SITE 1.0:
A Western model of the modern supermarket; one either located in isolation in an urban or sub-urban area, where architectural interjections can expand outside of the building as additions.

SITE 2.0, CONTEXTUALIZED:
A supermarket located in a dense urban context, where food is shipping/driven in, and is in isolation of its origins. If this thesis evolves into a project dealing greatly with the context in which a particular store is situated, the area of South Boston becomes particularly interesting. It is a mix of supermarket chains, remaining neighborhood markets, and sprinkling of urban farms/gardens, all, which seem to co-exist without reference to one another.

The South Boston Food Distribution center is located south of the residential urban areas, on a tract of land, separated from the dense urban neighborhoods of the north by bordering highway infrastructure. Set along the south border of Boston, MA, in between Widett Circle and the Seaport District. It is not a place frequented by foot, nor one with any sensitivity to a tangible human scale. It remains an isolated place where food travels in and out via trucks and vans.

The design focuses on diverting the path from a nearby urban supermarket, toward the Widett Circle Food Processing Center, to local urban supermarkets, and into the alleys below Boston’s private roof-scapes, such as The Food Project. The project aims to bridge between both local and larger scales, engaging users to understand their impacts as consumers with systems at large.

CONNECTIONS TO, UNDERSTANDINGS OF, IMPLICATIONS AND REMEDIATIONS OF THE LARGER SYSTEM THROUGH THE MEDIUM OF THE SUPERMARKET
SITE 2.0: SUPERMARKET CONTEXTUALIZED

NEW BOSTON FOOD MARKET
FOOD PROCESSING/DISTRIBUTION

SOUTH BAY SHOPPING PLAZA
STOP + SHOP SUPERMARKET

SOUTH BOSTON, MA
SUPERMARKET IN RELATION TO PROCESSING HUB

MAP OF DISTRIBUTION NETWORKS, ALONG COMMUTER RAIL

NEIGHBORHOODS LACKING INVESTMENT AND SUPERMARKETS

BOSTON COMPOSTING SITE
**Design Qualities for Emphasis**

**Spatial**
- **Environment**
  - Support for communication/interaction
- **Organizations**
  - Hierarchical vs. horizontal, centralized vs. decentralized interactions and communications
- **Heuristic**
  - Experience-based combining navigation and interaction with discovery, and learning to understand a more complex system
- **Interface**
  - A device, program, or system for interaction or meeting. Allows for intersection between large-scale forces and human-scaled spaces. Links components, and enhances perception. Requires interaction by a user
- **System**
  - Structured set of organized principles and procedures, set of connected parts to form a whole. Network of interconnected parts
- **Liminal**
  - A threshold that joins together multiple spaces. Liminal spaces might be formed by physical or perceptual conditions
- **Protocol**
  - The official procedure or system of rules governing affairs of state or diplomatic occasions. The accepted or established code of procedure or behavior in any group, organization, or situation
- **Similar To**: procedure, ritual, accepted behavior, propriety, proprieties, decorum
- **Bricolage**
  - In art or literature, construction or creation from a diverse range of available things to a unifying gesture

**Formal Actions**
- **Reaction**
  - An action performed or a feeling experienced in response to a situation or event
- **Retrofit**
  - To add (a component or accessory) to something that did not have it when manufactured
- **Deviate/Divert**
  - (verb) Depart from an established course, distract to change direction, reroute
- **Experiment**
  - (verb) Investigate, test
- **Exploit**
  - (verb) Make full use of and derive benefit from a resource
- **Connect**
  - (verb) Bring together or into contact so that a real or notional link is established, join together so as to provide access and communication
- **Enable**
  - (verb) Give (someone or something) the authority or means to do something
- **Participate**
  - (verb) Take part, to have or possess

**Formal Qualities**
- **Subversive**
  - (adj) Seeking or intended to subvert an established system or institution
- **Informative**
  - (adj) Providing useful or interesting information, revealing, explanatory
- **Transparent**
  - (adj) Easy to perceive or detect
- **Autonomy**
  - (n noun) Freedom from external control or influence, independence
METHODS OF INTERVENTION

01 Using Architectural Elements of the Supermarket
02 Narrative Subtext
03 Spatial Tactics

KEY FOCUSES
01 INTERJECT IN CURRENT CONDITIONS - through loopholes/voids in code
02 REVEAL THE HIDDEN/UNDERSIDE - of the system
03 EXPOSE BEHAVIORS - both of producer/power + consumer/user
04 ENGAGE - the senses (vision, touch, smell, hearing)
05 DISCOVER - the space alternatively (defamiliarizing practiced space)
06 URBAN ACUPUNCTURE socio-environmental theory using small-scale, spontaneous, spatial occupation(s) on a ranging, yet readable urban context
(this time, applied to the architecture of the everyday, within the supermarket)

"SUPERMARKETS LOST THEIR MAGIC WHEN THINGS BECAME FAMILIAR."

— KIM HUMPHREY, SHELF LIFE

Arguing for an evolution of the space, once again defamiliarize it, to bring back the discovery of place
Excitement, adventure, discovery, rotation/changing (temporal quality)

POTENTIAL INTERVENTION(S)
EXISTING SPACE AS MEDIUM WITHIN WHICH NARRATIVE WORKS TO CONSTRUCT/RE-CONSTRUCT INTERACTIONS

01 Experiential "mapping"

Axon (more experiential than map) out a field of conflicting spatial and narrative practices (intended + not)
Alternative narrative

02 Field Guide

Aims to empower the user to become producers of space

03 Alternative narratives

Series of inserted architectural tactics
Visual intrusion, overlaps, overlays, (conflicting, contradicting, or meshing) layers

POTENTIALS
NARRATIVE AGITATIONS WITHIN THE ENVIRONMENT

Narrative scripted first / subsequent process of re-scripting over/edits
Re-scripting/sub-script the experience
Subvert the supermarket typology to challenge habits

REVERSE/INVERSE/FLIP THE TYPOLOGY; EXPOSED TOUR OF THE GROCERY

What we really see is not the psychology behind the actions
Mirrors - The user becomes part of the performance/experience
Dissection - Deconstructing the spatial barriers currently absorbing the misinformation and lack of information in today's supermarket

HACKING THROUGH ADDITIVE/SUBTRACTIVE LAYERS
Nodes + Bridges
Temporary "hijacks" of space (?)
Importance on the responsiveness of the user
Emphasis on opportunity, choice, and diversity of experience
COUNTER NARRATIVE
DESIGNED: FIELD GUIDE/TOUR

EVOLUTION OF THE CONSUMER EXPERIENCE

SCENARIO 01
The citizen-architect is hired to rebrand the supermarket chain, seeking to reinvent themselves (innovative with new concepts and marketing)

01 Uses existing infrastructure, by infiltrating and alternatively traversing the space
02 Tool to make consumer more aware of processes, their behavioral implications, and their role as users (put pressure on current processes, behaviors, and infrastructures)
03 Emphasizes the spatiality of consumer's actions
04 Turns consumer into producers of thought and action
05 Tool for exposing social/economic/environmental/political issues that shape the supermarket, and critiquing current frameworks
06 Analyses the supermarket for what it does, the processes beyond it, and that which it is situated within
07 Uses supermarket techniques on a larger scale, as it unravels the networks wrapped up in it

PHASE 01 Field Guide
PHASE 02 Testing scenarios, multiplicities of routes and choices, tour

PROBLEMATIC:
EXTERIOR EXPERIENCES + IMPLICATIONS NOT ADDRESSED OR INCLUDED
1. SPATIAL INTERVENTIONS

In its essence, the strategic modern supermarket invites competition of brands, prices, advertising, so: why
not spatially? Manipulating the points of regulation/governance within the current infrastructural[s] that block
access and knowledge of the public user can transform one's experience and resulting greater understanding.
These niche spaces can also become public, social constructs. Subtle subversions, deviations, and deformations
in gaps of code and space provide opportunities for the public user to develop their own autonomy in decisions/
understandings and potential succeeding critique.

Add onto the supermarket/interjecting/deconstructing, subverting/manipulating spatial boundaries
Superimposed market- so market can still function for those non-participatory shoppers
Addresses human scale
Revealing transparency/connection: small scale interventions within/around/encompassing a single
structure, in: standard supermarket structure - through distortion and subversion of the typical
experience, can it divert users and branch out into surrounding networks/context?

Tactile environments? Exposing through network connecting, trap doors, etc. From supermarket to
the source and back, rerouting consumer from the front door to a whole network before they
make their choices, goes around codes and builds on top, punctures into already there structures
How does code shapes the current spaces and ways to intervene and manipulate such code,
create connective tissue
Rerouting consumer from the front door to a whole network before they make their choices, goes
around codes and builds on top of and punctures into already there structures

How does the regulations and code shape the current spaces and which ways can architecture
intervene and manipulate the experience and space driven by such codes?
- Does it act as a parasite? (Architecture of a parasitic nature enters and alters the host
  for duration of time, entering through voids or loopholes.
- Parasites can often control and change the host
2. GUIDE

You want transparency? That’s what we’ll give you.

Offers choices/routes

Map readings of the place—showing layers, one mapping is underhill as sites for intervention/different reading of the space, one as is, one by Certeau, etc (show journey as a length)

Itinerary to activate the geography of the supermarket and the contexts in which it is situated, itinerary will be generated through people’s use and their subsequent choices and produced movements.

Scene sequencing: begin with entrance and trap door before even grabbing the basket; enter into warehouse of food’s past buried metaphorical layers below the city (which is in fact, itself a landfill), then directly into the food desert two blocks over, then back to the market, and have the choice to grab the market and decide what to do.

Stores are designed with traffic flow in mind and have created a system of how and where users move, live, etc. This thesis intends to disrupt, exploit, unveil, and augment the realities embedded in consumer routines. Distinguished disruptions and interruptions will be utilized to provoke a metamorphosis in consumer experience and unveil the suppressed features.

INTENTS FOR INTERVENTION:

1. INTERJECT IN CURRENT CONDITIONS: in code
2. REVEAL THE HIDDEN/UNDERSIDE
3. EXPOSE BEHAVIORS
4. ENGAGE LARGER CONTEXT
LENS OF USER

consumer-user
producer

instrument for transparency + agency

evolving consumer
SUBVERSIVE SUPERMARKET

instrument for transparency + agency

TOPIC MOTIVATIONS
CONSUMPTION AND PROBLEMS WITH THE FOOD SYSTEM, UNACKNOWLEDGED BY THE SUPERMARKET'S STRUCTURE

THE INTERIOR EXPERIENCE OF THE SUPERMARKET IS ISOLATED FROM THE SYSTEMIC CONSTRUCTS THAT DEFINE IT, THUS HANDICAPPING THE POTENTIAL OF THE CONSUMER-USER NAVIGATING THROUGH.

LENS OF USER

SITE OF RESEARCH
SUPERMARKET

CONSTRUCT SHAPED BY SOCIO-POLITICAL AND ECONOMIC FORCES, ALONG WITH THE LOGISTICS OF THE FOOD SYSTEM

ECONOMICS SPATIALIZED EXCHANGES BETWEEN POWERS

AGENT IN CONSUMPTION

CRITIQUE/SYNTHESIS

tools + methods

narrative/tour

strategy

inversed

for tactical use

point of exchange

instrument for transparency + agency

HYPOTHESIS (TESTING)

ERPOLITICIZING ARCHITECTURE OF THE EVERYDAY

CAROLYN STEEL: HUNGRY CITY
FOOD SYSTEM CONTEXT

MICHAEL DE CERTEAU: THE PRACTICE OF EVERYDAY LIFE
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REPOLITICIZING ARCHITECTURE OF THE EVERYDAY

PACO UNDERHILL: WHY WE BUY
ECONOMIC STRATEGIES SPATIALIZED
Supermarkets have become fixtures in modern routine, their constructs often isolated from the very complex networks and conditions, which create them. The supermarket, with its repetitious, optimally stocked shelves, stands as a regimented stage set; its users, the consumers, are integral actors in the show. A narrative is often constructed within the structure to cater toward the interests at large. This thesis contends that architecture can be a narrative tool for understanding, infiltrating to disseminate knowledge, and thus, exposing the socio-political conditions and political economies that govern market structures, sequences, and consumer behaviors, creating a greater dialogue between institutional structures and the everyday users of the space.

In order to act within, and beyond, the frameworks, we must ask what implications the current supermarket structure and fragmented production/consumption model has on the agencies of consumption. Through a cross section of research, from Tracey Deutche’s historical arguments on gender roles and shopping, to Certeau and Lefebvre’s theoretical everyday situations, this argument seeks to frame its sites of intervention through social, political, and economic realities of the food system. To recognize and analyze current conditions, themes, and scalar factors of the supermarket, and the processes that surround it, is integral, and will explain how economics and logics are spatialized in the current system and what behavioral protocols are in place.

The thesis seeks to ask how can a superimposed set of spatial, architectural tactics within the supermarket foster consumer/user empowerment and opportunity.

“The tactical is trespasser, producing meaning by dancing on the ground of others [strategies]… allowing for constant disruptions in the circuits of power…” – Michel de Certeau

Subversive tactical design interventions within the confines of the market will be integral in inform the user, while intervening into the supermarket experience. They will create unavoidable confrontations with reality for both users and producers, and will divert people into unexpected situations. Such design may blur the lines between producer and consumer, production and consumption, and the authority that lies within those stereotypical roles. By using architectural elements as infiltrative instruments for empowerment, education, and exposure of current strategies, the limits of the supermarket become active opportunities for agency and expanded knowledge for the everyday user in the commodified food chain.
BOURRIAUD, NICOLAS, RELATIONAL AESTHETICS, FRANCE LES PRESSES DU RÉEL, 1998, “RELATIONAL FORM” AND “SCREEN RELATIONS.”

Bourriaud’s theory of Relational Art, forms/units/structures of inner dependencies, produced to invent possible encounters or exchanges, to form a Relational World. He argues for form to produce and shape updates of the Situationist ideals and “constructed situations” into modern contexts. The argument places importance on producing human relations through form.


Part of a larger set of investigations, focusing on the way people practice everyday life. Certeau argues that everyday life is a practice and process of using and manipulating existing rules and regulations. He defines tactics from institutional strategies, as seizing opportunities in limited contexts. His argument lends itself greatly to roles of consumerism and the context of the supermarket.


The book navigates between theories and built forms, to explore space, place, and power. Dovey argues for architects and designers to mediate social practices of power through their designs.


Deutche’s theory of democratic public spaces explores space as a divided, conflicted, resistant realm. The critique suggests an accessible dialectic to communicate the realities of these public spaces and challenge them to change.


Frasier, Nancy. "Rethinking the Public Sphere: A Contribution to the Critique of Actually Existing Democracy." *Social Text*, No. 25/26, Durham: Duke University Press, 1990. Rethinking the public sphere requires making visible the different publics, and how they are divided or empowered. By changing the meanings and relationships within the public sphere, the power ratios amongst individuals change. The source contributes new theories for understanding power and public empowerment.


Humphery, Kim. *Shelf Life: Supermarkets and the Changing Cultures of Consumption*. Cambridge, United Kingdom; New York: Cambridge University Press, 1998. Situates the supermarket historically and critically explains the products we buy, the environments in which we buy, and the attitudes of the users of the environments. The narrative argues the consumer's autonomy lost its magic when supermarket went from new experience to familiar routine. Humphery includes varying degrees of customer opinions and ways of shopping, to realistically 'undo' the system and stigmas, rather than theorize about accepting, denying, or 'making-do.'


Lefebvre, Henri. *The Production of Space*, Oxford: Blackwell Publishers, 1974. Pp. 26-46. One of the first modern theories about power logics in social space, the source analyses spatial power as representation, representational, and practice, while defining producers of space. Lefebvre's spatial theories question the seen versus hidden, the illusion of transparency, and how to intervene.


Rybczynski, Witold. *Mysteries of the Mall*.
ALBA, KEN. ED. SAGE ENCYCLOPEDIA OF FOOD ISSUES. SAGE PUBLICATIONS, 2015.

STEEL, CAROLYN. HUNGRY CITY. UNITED KINGDOM: RANDOM HOUSE, 2008. Traces the role of food production and distribution throughout history to clarify food's influence on society—socially, economically, and environmentally. Steel argues for a more democratic, sustainable food system, where personal, local, and large branches of food networking are open, visible, and connected. This source teaches that food is about networks, which consumers, producers, and distributors are greatly intertwined.

“STOCK FOOTAGE: SUPERMARKET 1950S.” VIDEO FILE, 09:35. YOUTUBE. POSTED BY FOOTAGE FILE, MAY 5, 2014. ACCESSED OCTOBER 25, 2015. HTTPS://WWW.YOUTUBE.COM/WATCH?V=VQZ1ZHEB3NO. The video focuses on a father, a grocery store manager, and a son, showing the processes that go into operating a supermarket before it opens for the morning shoppers. It explains where food is stored, how it is prepared, and the other processes that go on behind the scenes of a supermarket.


UNDERHILL, PACO. WHY WE BUY: THE SCIENCE OF SHOPPING. NEW YORK: SIMON & SCHUSTER, 1999. Explains buying behaviors and the selling strategies to induce purchasing. Underhill breaks down the science of shopping and analyses user actions and patterns within this context.


YOUNG, IRIS MARION. INCLUSION AND DEMOCRACY. OXFORD: OXFORD UNIVERSITY PRESS, 2000, PP168 - 188. Theoretical view of public sphere, segmented as multiple spheres, the dominant public, and the subaltern counter public. Young’s theory of three-pronged publicity of a site’s communicatory engagement, relationship among citizens, and form of expression, is important to note.

ZUKIN, SHARON. POINT OF PURCHASE: HOW SHOPPING CHANGED AMERICAN CULTURE. 1ST PAPERBACK ED. NEW YORK: ROUTLEDGE, 2005. Point of Purchase narrates the evolution of consumerism through the consumer. Zukin explains the changes in culture and consumers through changes in larger networks stores are situated within. Through a breakdown of shopping, she dedicates a chapter to shopping guides, which provides interesting points for guiding a consumer.
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