

# DESIGN DEVELOPMENT | 04





#### 4.1 INTRODUCTION

In reaction to the theoretical premise in chapter three which analysed the design opportunities held by efficient interior design – chapter four commences.

Three site analysis pages of existing Shoprite supermarkets are presented first. The first of the three pages, page 26 - 4.2 Site Analysis 1, is a general analysis of all eighteen Shoprite stores in Pretoria - of which four are presented as examples. The facilities and departments provided by the four sites are identified to determine the general facilities and departments Shoprite provides. These were compared to those offered by all eighteen sites in Pretoria, to ensure correct generalisation. Additional, prominent store destinations are also listed. The departments were identified in order to determine the main destinations in store which Shoprite is known for.

Next, the context surrounding Shoprite stores were analysed, and a general example is provided (see figure 4.2.6 on the opposite page). Two plans of existing Shoprite stores are also provided to assist with further analysis.

The next page - 4.3 Supermarket Psychology, contains theories on the psychology behind the design of supermarket layouts. It analyses the traditional or standard supermarket layout, which proves to be superior to alternative layouts. Next, the reason why the layout is superior is explored by determining the secret behind the layout - which serves to maximise a retailer's turnover.

Seven initial site visits to the four Shoprite stores shown in 4.2 on page 26, were undertaken to continue the rest of the site analysis.

In <u>4.4 Site Analyis 2</u>, on page 27, the supermarket psychology theory further assisted in correctly identifying success and weaknesses, as well as opportunities within the existing Shoprite interiors.

A colour study was done on Shoprite's brand colours to determine the associations connected to the colours. This further assisted in identifying design problems in the existing interiors. The findings are also utilised within the new design for Shoprite to insure appropriate colour use. This will become evident later in the chapter.

Number <u>4.5 Site Analysis 3</u>, contains an in depth analysis of the general problems within the supermarket. These were determined by the site visits and by comparing the findings

to the theory. Here, the three areas of focus for the project are identified. The areas identified are those which have the most potential to resolve the existing problems within the interior, and improve the efficiency, as discussed earlier in the document.

The design development, which directly responds to the site analyses, commences on page 29 under <u>4.6 Interior design Strategies 1: General Guidelines</u>. This page identifies ways to solve the existing problems - by analysing additional precedents and theories and correlating them with the strategies used by informal retailers (from which inspiration for the design is drawn). Additional strategies for improvement are also presented.

The specific areas of focus for the project (the interior components), which are clearly marked with the icon then become the main focus throughout the rest of the chapter. To repeat, the interior components of focus, include (1) the in-store departments - Deli, Bakery, and Butchery; (2) the aisle navigation; and (3) the checkout area.

Using the Deli as the main example of how an appropriate brand identity within the interior is established for Shoprite, a diagram is presented on page 31 and 32, under 4.7 Interior Design Strategies 2: Look & Feel. The identity was established by following a process. Firstly, contemporary supermarket precedents are explored to identify successes and weaknesses within their designs. The diagram then continues by summarising how a typology study was done on deli's to determine the specific elements which are associated with deli design - allowing them to be instantly recognisable without the need for signage as the main indication. Informal retail in South Africa continued to inspire the design by identifying similarities between the deli typology and street vendors. Furthermore, keeping in mind the branding strategies for interior design, which were determined in chapter three, store communication which resonates with the target market was utilised within the design. Ways to interiorise the brand were also adapted to Shoprite.

The process is then repeated for the design of the Bakery and Butchery to ensure an appropriate design for each of the departments. This can be seen on pages 33-36. Hereafter, the chapter is concluded.





# 4.2 Site Analysis 1 SHOPRITE PRETORIA SOUTH AFRICA

4 sites investigated to identify core problems

Figure 4.2.1: Design Strategy (Author 2015)



Adaptable solution

**ILLUSTRATED** 





#### **SHOPRITES IN SHOPPING CENTRES**



#### 1. ARCADIA

**STORE DETAILS** Sancardia Centre Cnr Hamilton and Church St Arcadia



Figure 4.2.2: Shoprite Arcadia (Mamorobela 2012)

#### **FACILITIES**

Pretoria

Wheelchair Friendly

#### **DEPARTMENTS**

- Bakery •Deli
- •Meat Market Money Market



# 2. SILVERTON **STORE DETAILS**

Silvermall Shopping Centre

181 Boulevard Silverton Pretoria



Figure 4.2.3: Shoprite Silverton (Author 2015a)

#### **FACILITIES**

- •ATMs
- •Banking •Free Parking
- Laundry •Toilets
- Wheelchair Friendly

## **DEPARTMENTS**

- Bakery •Deli
- Meat Market

Money Market

OFFICES & RETAIL

63%

# 3. QUEENSWOOD

**STORE DETAILS** Queenswood Galaries Cnr Whittle Lane and Second Ave Queenswood



Pretoria

3500m2

Figure 4.2.4: Shoprite Queenswood (Google Maps 2015)

## **FACILITIES**

- •ATMs
- Banking
- •Car Wash •Free Parking
- •Key cutting •Laundry
- •Restaurant • Wheelchair Friendly

## **DEPARTMENTS**

- Bakery
- Deli
- Meat Market Money Market





(Shoprite Holdings 2014h)

## 4. VAN DER WALT **STREET**

STORE DETAILS 300 Church Street Pretoria





Figure 4.2.5: Shoprite Pretoria CBD (McMorrow 1999)

#### **FACILITIES**

- •ATMs Banking
- Key cuttingPhoto Kiosk
- Restaurant
- Toiletst •Wheelchair Friendly

# **DEPARTMENTS**

## Bakery

- •Deli
- Meat MarketMoney Market
- •Music Bar

# **STORE SIZES**

(Shoprite Holdings 2014e)

Stores vary between 2500 & 4500m<sup>2</sup>

#### **GENERAL FACILITIES** (Shoprite Holdings 2014h)

**ATM** 88% FREE PARKING 88% WHEELCHAIR FRIENDLY **75**% **75**% **TOILETS** 

## **GENERAL DEPARTMENTS**

(Shoprite Holdings 2014h)

**BANKING** 

BAKERY	100%
DELI	100%
MEAT MARKET	100%
MONEY MARKET	100%

# OTHER PROMINENT STORE DESTINATIONS

PARCEL STORAGE KIOSK PIE SHOP FRUIT & VEG DAIRY **BREAD** 



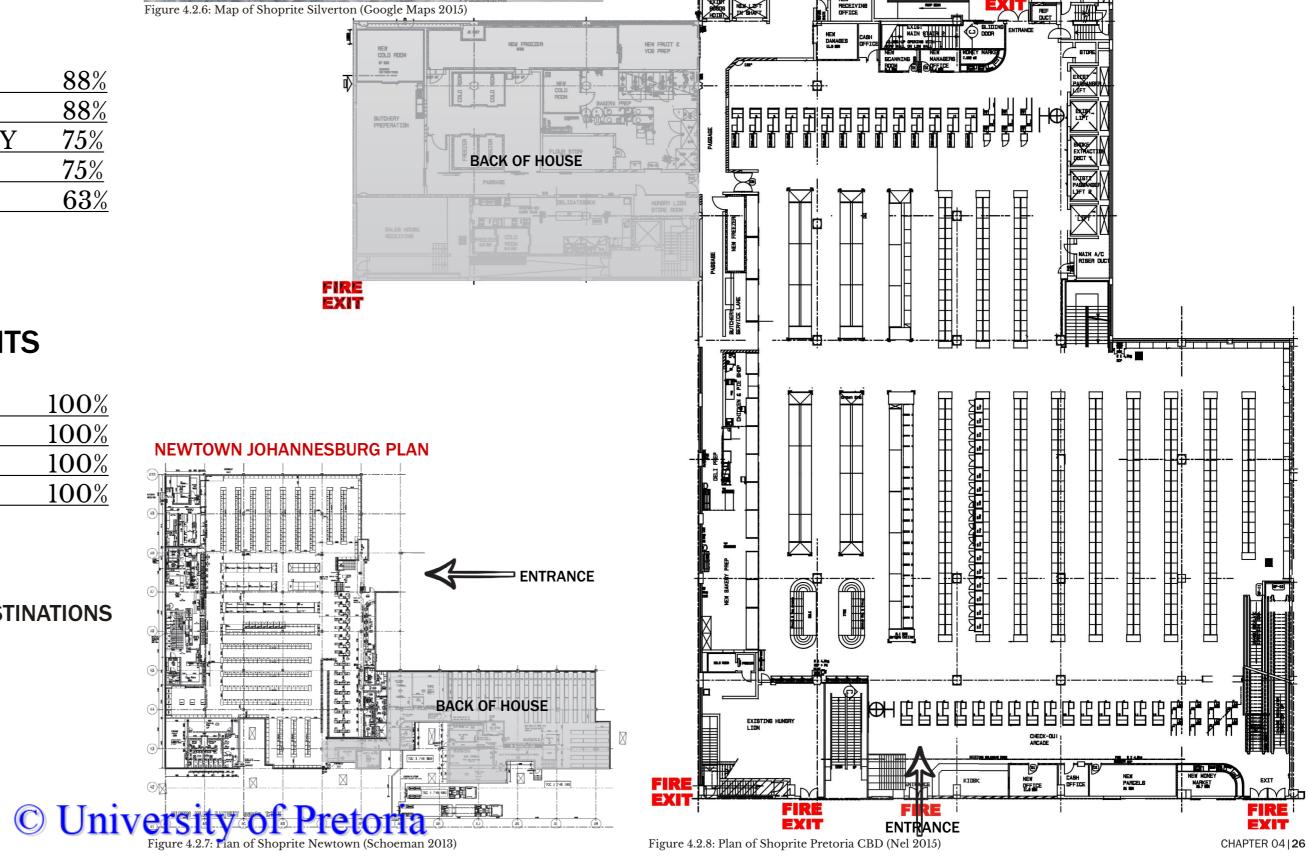
# **SHOPRITE SILVERTON SITE & CONTEXT**

OFFICES

BUS STOP

SILVERMALL SHOPPING CENTRE

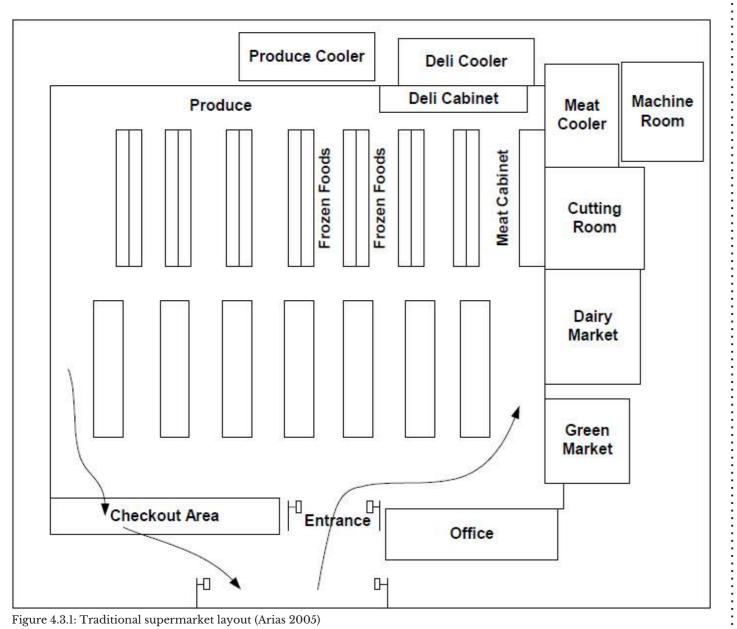
TAXI RANK

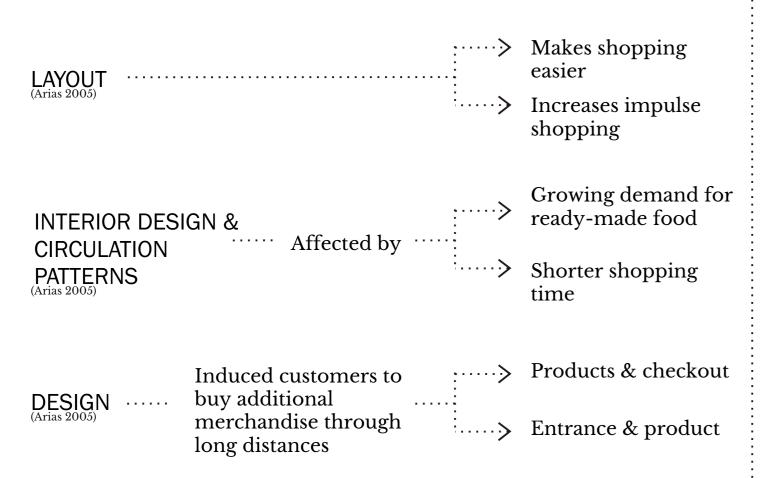


PRETORIA CBD PLAN

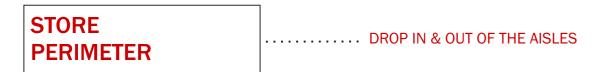
# 4.3 Supermarket Psychology

#### 4.3.1 TRADITIONAL SUPERMARKET LAYOUT

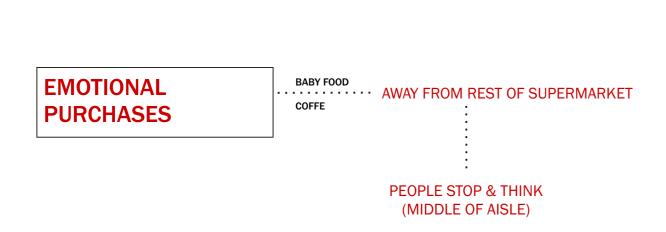




#### SHOPPERS USE ONLY 25% OF THE SUPERMARKET ON AVERAGE: (Harrison 2008)





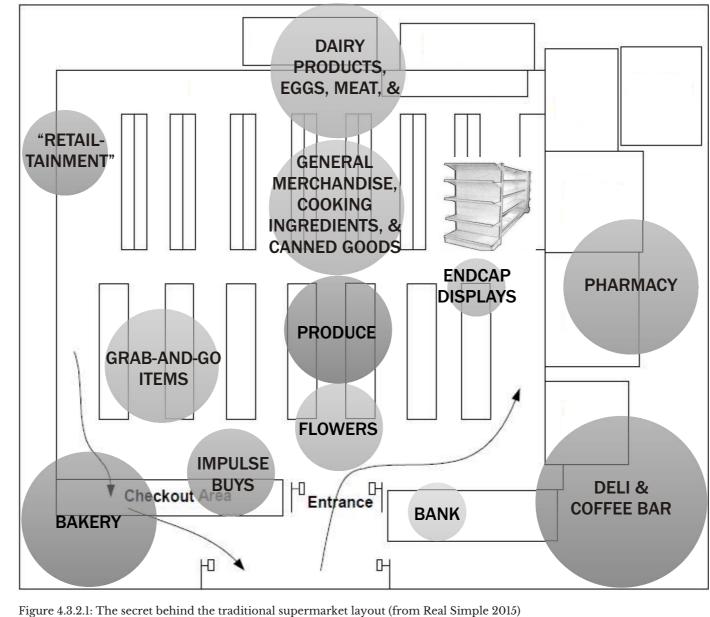


# TOP SHELF **BULLS-EYE ZONE BULLS-EYE ZONE KIDS EYE LEVEL BOTTOM SHELF**

Figure 4.3.2.2: Gondola shelving diagram (from Real Simple 2015)

**27** | CHAPTER 04

#### 4.3.2 THE SECRET BEHIND THE LAYOUT



MAIN AIM: MAX TURNOVER BY INDUCING CUSTOMERS TO BUY ADDITIONAL MERCHANDISE (Arias 2005; Bell & Ternus 2002; Real Simple 2015 and Underhill 2001).

#### **FLOWERS**

Just inside the entrance: can enhance the image of a store (consumers walk into something that is pretty, smells great & builds a notion of fresh) [Wendy Liebmann, founder and president of WSL Strategic Retail] (Real Simple 2015).

#### PRODUCE

Immediately past the flowers: To create a tempting sensory experience (stores need to communicate to shoppers produce is fresh or people won't buy anything) [Liebmann].

PEOPLE SPEND MORE TIME IN THE SUPERMARKET, BECAUSE THEY ARE CONFRONTED WITH THE IDEA THAT IT IS A RELAXED, COMFORTABLE & FRESH PLACE = PEOPLE SPEND MORE MONEY

#### **BAKERY**

In corner beyond entrance: The smells make you feel hungry which makes you buy more (Underhill 2000).

## GRAB-AND-GO ITEMS (MILK, BOTTLED WATER, SNACKS)

Near entrance: Get back business lost to convenience stores (add section up front) [Mike Tesler, president of Retail-Concepts] (Real Simple 2015).

## **BANK**

Close to the entrance: To get money in the hands of the shoppers [Tesler].

## **ENDCAP DISPLAYS**

End of the aisles: Advertisement for new or popular products (something new or in season - not always discounted) [William Schober, editorial director of Path to Purchase Institute] (Real Simple

"RETAIL-TAINMENT" (COOKING DEMONSTRATIONS, DISPLAYS, FREE SAMPLES) Free floating displays lining one of the outside walls: Sampling stations slow you down & expose customers to new products (Real Simple 2015).

## **DELI & COFFEE BAR**

In 1 of the front corners: If you're hungry for lunch you will shop in a hurry (if you can have lunch in store you will stay & relax) [Liebmann].

## **PHARMACY**

On perimeter near the exit: If you're filling a prescription, you need to wait, spend more time & you'll put another item in the basket [Liebmann].

## GENERAL MERCHANDISE, COOKING INGREDIENTS, & CANNED GOODS

In the centre aisle: Draw customers deeper into the store & expose them to nonessential items along the way (Real Simple 2015).

## DAIRY PRODUCTS, EGGS, MEAT, & OTHER STAPLES

Along the back wall of store: Farthest reaches of the store to expose customers to max product on their 'quick trip' so they will impulsively buy other things [Tesler].

## **IMPULSE BUYS (CANDY, MAGAZINES, ETC.)**

By the registers & exit: Turn waiting time into buying time (most profitable area in store) (Underhill 2001).

## SHELF LAYOUT

## **TOP SHELF**

What: Smaller brands, regional brands, gourmet brands.

Why: The items here give "tone and texture" to the shelf layout, helping the supermarket stand out from its competitors [Liebmann].

## **BULLS-EYE ZONE**

What: Best sellers and other leading brands. Why: Right in your sight line is the best placement, and the manufacturers have to pay for it (Childress). Higher-priced items

or items with the highest markup are in effective spot [Tesler].

## **KIDS EYE LEVEL**

## What: Products with kid appeal.

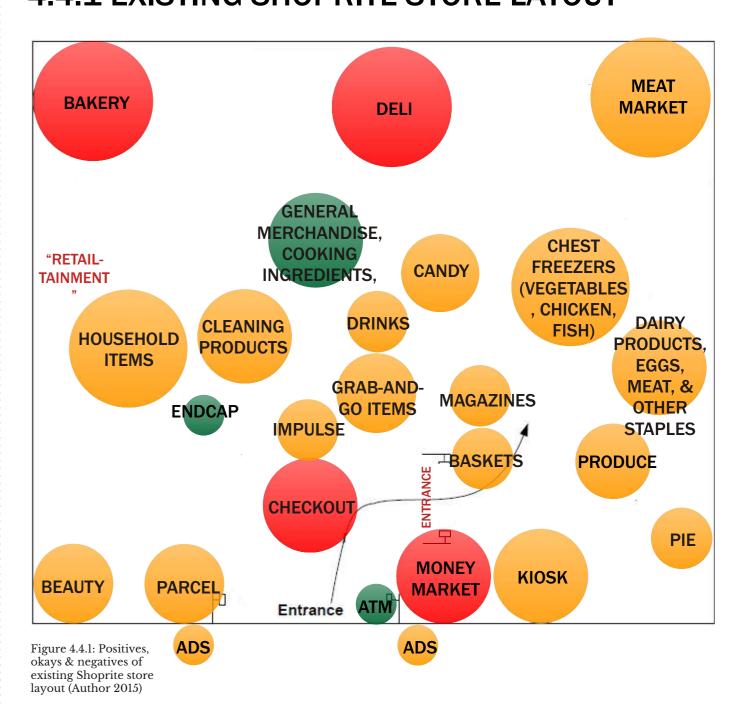
Why: Kids can react and reach out to a product [Tesler]. 10 to 40% more time spent in store if kids come along [Liebmann].

## **BOTTOM SHELF**

What: Store and private-label brands; oversize and bulk items. Why: People who buy store arm is vill always hunt for (Childress). Sup rmarkets carry bulk items to compete with warehouses [Liebmann] and bulk items are awkward to store anyplace but the bottom sheir (Rear Simple 2015)

# 4.4 Site Analysis 2

#### 4.4.1 EXISTING SHOPRITE STORE LAYOUT



**LEGEND** 

SHOPRITE POSITIVE

SHOPRITE NEGATIVE

SHOPRITE OKAY

#### **GENERAL STORE POSITIVES**

- THE ANCHOR CHAIN HAS NEGOTIATING POWER
- BANKS/ATMS NEARBY
- STORES LOCATED NEAR WHERE PEOPLE WORK STORE BUSY DURING LUNCH
- SELLING STARTS BEFORE YOU ENTER STORE (ads in parking lot)
- PARCEL STORAGE (hands free shopping)
- MOST INTERIOR MATERIALS RECYCLABLE
- COMPREHENSIVE RANGE OF HOUSEHOLD ITEMS

#### **GENERAL STORE OKAYS**

- STORE LOOKS CHEAP (appropriate yet unsuccessful) CHEST FREEZERS INCLUSIVE, CONVENIENT & BEST FOR BULK
- CHICKEN SOLD (yet uses a lot of energy & takes up a lot of
- PRICES MAKE EVERYTHING LOOK LIKE ITS ON SALE (appropriate to low priced products in store yet overwhelming & confusing)

# 4.4.2 COLOUR STUDY

# **COLOUR USE & COLOUR ASSOCIATIONS**

A brand's values are read according to the way they are presented to us visually. What we see and register 1st is colour, names, logos and typefaces. These become a symbol of the brand and its associations (Vaid 2003).

#### SHOPRITE'S INTERIOR COLOURS & THEIR CONNOTATIONS INTERIOR

**ADVERTISEMENTS** SHOPRITE

LOG0

PACKAGING

LOWER PRICES YOU CAN TRUST

irabs Attention - MOST NOTICIBLE COLOUR IN THE SPECTRUM (focal points) Speed (convenience)

Neutrality (flexible) **BLACK Authority** Power <u>Control</u> Comfort Dignified

Stimulating (comfortable experience) <u>Cleanliness</u> (enjoyable experience)

## YELLOW

WHITE

Order (convenience)

Simplicity (convenience)

Grabs Attention (focal points) Confidence <u>Happy</u> (enjoyable experience)

Playful **Energy** Makes babies cry

BLUE (not 1 of the brand's prominent colours - additional) Trust - releases our trust hormones

**Productivity** Calm/ relaxing

(Aslam 2006, Colour Psychology 2015, Gillett 2014, Okan 2013 and Shoprite 2015a)





# 4.5 Site Analysis 3

**INTERIOR COMPONENTS OF FOCUS** AREAS WITH MOST POTENTIAL TO ADDRESS THE PROBLEMS WITHIN THE INTERIOR

# GENERAL EXISTING SHOPRITE STORE PROBLEMS: lack of convenience, consistency & brand identity

#### **EXPERIENCE**

**UNPLEASANT** 

• Little differentiation Disorganised

UNCOMFORTABLE

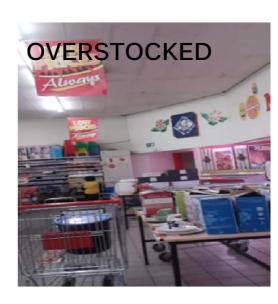
 Poor signage No seating **DIFFICULT** • Queues too long

TIME CONSUMING









# **ENTRANCE**

**UNWELCOMING** GREETED BY

Trolleys









INEFFICIENT .... • Queues designed to form parallel with entrance/exit

• No indication of where to queue

• Queues too long Move too slow



**TROLLEYS** 

checkers

• Outside or just next to entrance only

• Blocks entrance Limited options

**BASKETS** 

Š

Charcoal

• Next to the entrance only Limited options

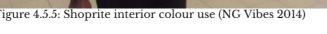
#### IAVIGATION

**NO BRAND IDENTITY** THEY DON'T CONTROL THE COLOUR IN THE **INTERIOR** 

**NEUTRAL COLOUR PALETTE** (beige, off-white) FLEXIBILITY

- Dull
- Colour associations not
- utilised • Logo's & ads seem like an
- afterthought







Off-white Figure 4.5.6: South African supermarkets colour use (Various sources)

Off-white

NEUTRAL COLOUR PALETTE

• Flexible

(Buzz SA 2015)

1. Shoprite 2. Pick n Pay

4. Spar

• No prominent store identity • Insufficient focal points

**5 Largest retailers in SA:** 

3. Massmart (Makro)

5. Woolworths

#### NO DIFFERENTIATION DEPARTMENTS



- Same colour • Same font
- Same size font
- Same shape design • Ineffective focal points
- Little help with navigation



## **SIGNAGE**

#### **INEFFECTIVE** NOT UNIFORM

- Mix Afrikaans & English on
  - Not always appropriate (no African languages)









**OVERWHELMING** 

**EVERYTHING LOOKS ON SPECIAL** 

No designated space for signage



## 2. AISLES

**VISUAL CLUTTER** 



**CONFUSING** 

**FLEXIBLE** 

## **DIFFICULT TO NAVIGATE**

- Difficult to find what you
- are looking for Aisles long & boring
- Poor signage
- Disorganised • Too much stock









# 3. QUEUES & CHECKOUT COUNTERS **INEFFICIENT**

under-utilised with conventional queueing system

**INEFFICIENT** 

Impulse shopping

**EXPRESS COUNTERS** 

Doesn't mean faster: studies show waiting time almost identical to regular checkouts (3.11 min.) [Craig Childress, CEO of Envirosell] (Real Simple 2015)

CONVENTIONAL QUEUEING SYSTEM

• Transactions too slow

Queues too long

Shortage of staff

• Blocks flow between aisles

## **LIGHTING**

750 LUX REQUIRED

**TOO MUCH UNNECESSARY LIGHTING** 

- · · · · · · No natural light • Fluorescent tube lights used for general & accent
  - lighting





# **VENTILATION**

• No natural ventilation

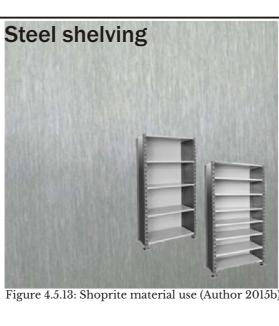
## **WATER**

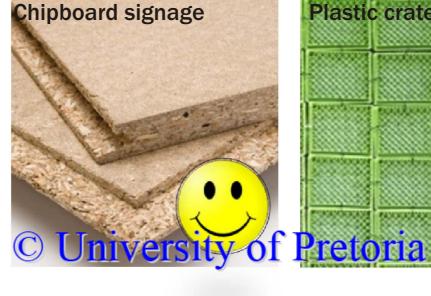
- No rainwater harvesting
- No low flow fittings

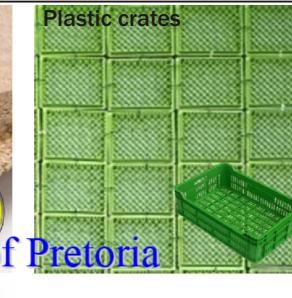
# **MATERIALS USE**

**RECYCLABLE DULL** 

PRODUCT DISPLAYS NOT UNIFORM













pealing to draw customers in - MERCHANDISE THAT

Give time to adjust to light, temperature, situating

Large discounted bins to stop customers in their tracks

1st set of baskets to be placed beyond transition zone

**RANSITION ZONE** 

Mirror on facade to slow people down

We drive on the left side of the road in SA -

Improve exposure to most NB goods

Indicate where to

DISADVANTAGES

if queue is too long

load shopping

Clear numbering

Figure 4.6.1: Guidelines for how to improve a

supermarket's appeal (Various sources)

(Makro proved this wrong)

Loss of gondola space (3 drops max)

Some shoppers are put off shopping

Not suited to large month-end pantry

seating

MONEY MARKET

OF ENTRANCE

PART OF CHECKOUT

EVEN LONGER

HECKOUT COUNTERS

MAKE DESTINATION IN

THEN NOT CONVENIENT

Provide merchandise as

COMMUNAL QUEUE SYSTEM

Queues define the shoppers opinion

waiting time is ideal) (Underhill 2001)

COMMUNAL

ermarket & Retailer 2009)

Increases impulse sales

& makes them happier

theft & shoplifting)

CHECKOUT

**ERVICE PROVIDER** 

WHEELCHAIR FRIENDLY

more effectively

Speeds up processing customers

Enables you to schedule cashiers

Kills sweethearting (loss through

 Protects products from shrinkage (loss of inventory due to employee

Better atmosphere between cashiers

employee theft at the cash register)

NECTION BETWEEN CLIENT &

ITAL FOR CUSTOMER SATISFACTION

neckout counters organised for fast & effective

Improves cashier productivity

on the overall service (less than 2min.

**UEUING SYSTEM** 

OVANTAGES OUTWEIGH THE

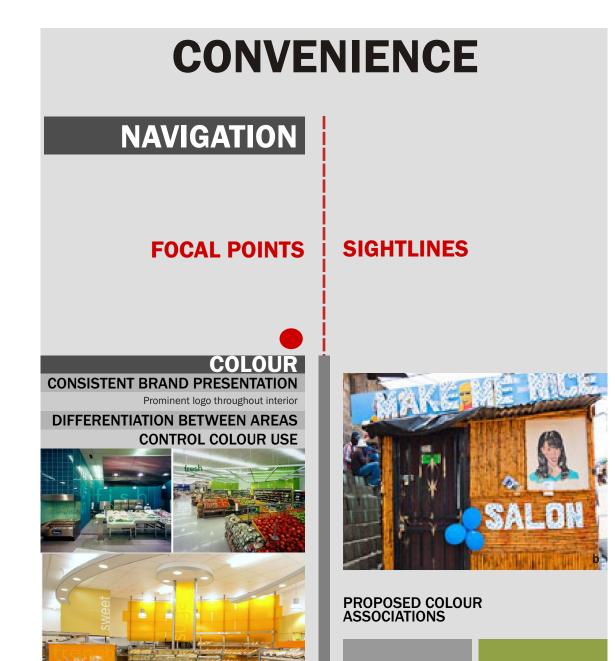
QUEUE SHOULD BE OUT OF SITE

SHOULD NOT BLOCK ENTRANCE

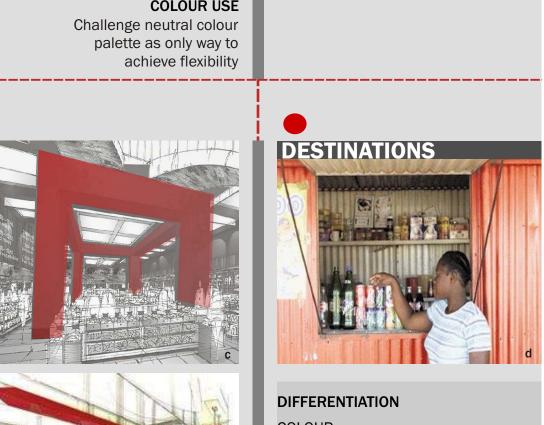
Push store out beyond entrance

**APPEAL** 

#### As gathered by consumerism theory, SA competition, international precedents & informal retail strategies







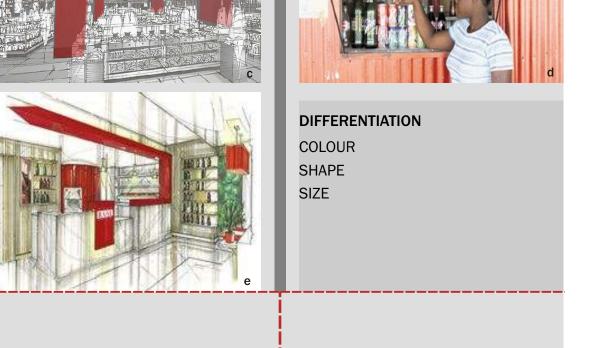






Figure 4.6.2: Guidelines for how to improve convenience within a supermarket (Various sources)





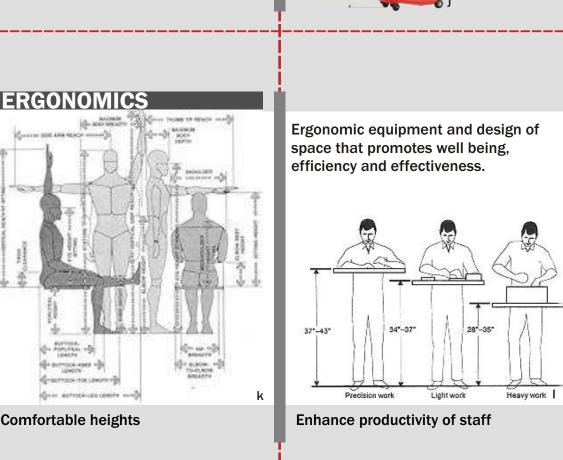


Figure 4.6.1a: Guidelines for how to improve a supermarket's appeal (Boogertman & Partners 2014)

Figure 4.6.1b: Guidelines for how to improve a supermarket's appeal. MATO'S BLOG. 2013. Free thoughts about free markets. Available at: http://mato48.com/2013/03/25/free-thoughts-about-free-markets/#comments [Accessed 05 October 2015]. Figure 4.6.1c: Guidelines for how to improve a supermarket's appeal. RETAIL DESIGN BLOG. 2013. Food Courts! Landmark supermarket by Hugh A. Boyd Architects, Manila - Philippines. Available at

http://retaildesignblog.net/?s=supermarket+design[Accessed 05 October 2015]. Figure 4.6.1e: Guidelines for how to improve a supermarket's appeal. SA COMMERCIAL PROP NEWS. 2012. Nedbank funds and buys stake in Makro Store Cape Gate. Available at: property/5197-nedbank-funds-and-acquires-stake-in-makro-store-cape-gate-western-cape.html [Accessed 05

Figure 4.6.1f: Guidelines for how to improve a supermarket's appeal. WE ARE INTERACTION. 2015. Filas de espera - configurações. Available at: http://www.werinteraction.com/site/index.php/pt/solucoes/gestao-de-Figure 4.6.1g: Guidelines for how to improve a supermarket's appeal. PICS ANT. 2015. Zupans Store Photos. Available at: http://picsant.com/10694096-zupans-store-photos.html [Accessed 05 October 2015].

Figure 4.6.1h: Guidelines for how to improve a supermarkets appeal (Supermarket & Retailer 2009)

Figure 4.6.2a: Guidelines for how to improve convenience within a supermarket. WOODHAM MEIKLE ZHAN ARCHITECTS. 2004. Foodtown Quay Street. Available at: http://www.wmzarchitects.co.nz/foodtown\_guay\_street/[Accessed 05 October 2015]. Figure 4.6.2b: Guidelines for how to improve convenience within a supermarket (The Cool Images 2015) Figure 4.6.2c: Guidelines for how to improve convenience within a supermarket. CADA DESIGN. 2012. Shanghai First Food Hall. Available at: http://www.cada.co.uk/shanghai-first-foodhall/ [Accessed 05 October 2015]. Figure 4.6.2d: Guidelines for how to improve convenience within a supermarket. TIMES LIVE. 2013. Spaza shops 'no bargain'. Available at: http://www.timeslive.co.za/thetimes/2013/12/06/spaza-shops-no-bargain

Figure 4.6.2e: Guidelines for how to improve convenience within a supermarket. OWENS, S. 2014. John Duffy Design Group: Interior Designers, Architects, Graphic Designers, Dublin, Cork, Ireland. Available at: https://www.pinterest.com/pin/95912667038266962/ [Accessed 05 October 2015]. Figure 4.6.2f: Guidelines for how to improve convenience within a supermarket. BRUCE MAU DESIGN. 2015. Bruce Mau Design is a multidisciplinary design firm specialising in brands & environments. Available at:

http://www.brucemaudesign.com/ [Accessed 05 October 2015]. Figure 4.6.2g and h: Guidelines for how to improve convenience within a supermarket (Retail Design Blog 2014) Figure 4.6.2i: Guidelines for how to improve convenience within a supermarket. ARTHOUSE DESIGN. 2015. One City Block. Available at: http://arthousedenver.com/portfolio/one-city-block/ [Accessed 05 October 2015]. Figure 4.6.2j: Guidelines for how to improve convenience within a supermarket. FREDDIE, A. 2012. Cash Store in Site C, Khayelitsha. Available at: https://commons.wikimedia.org/wiki/File:Khayelitsha\_Site-C\_Cash-Store.JPG

Figure 4.6.2k: Guidelines for how to improve convenience within a supermarket. FMCG SUPPLIER NEWS. 2013. Makro South Africa awarded for excellence in energy efficiency initiatives. Available at: http://www.fastmoving.co.za/news/supplier-news-17/makro-south-africa-awarded-for-excellence-in-energy-

Figure 4.6.2l: Guidelines for how to improve convenience within a supermarket. SHOGO, K. 2012. Sign. Available at: http://www.6d-k.com/works/2012/07/post-1.html [Accessed 05 October 2015]. Figure 4.6.2m: Guidelines for how to improve convenience within a supermarket. GRAPHIC AMBIENT. 2012. Yotel, USA by GHB. Available at: http://graphicambient.com/2012/06/26/yotel-usa/ [Accessed 05 October

Figure 4.6.2n: Guidelines for how to improve convenience within a supermarket (Hagedon 2014) Figure 4.6.2o: Guidelines for how to improve convenience within a supermarket. TUMBLR. 2012. Isara Remo (Ogun), Nigeria. Available at: http://the-gardenofeden.tumblr.com/ [Accessed 05 October 2015]. Figure 4.6.2p: Guidelines for how to improve convenience within a supermarket. FOOD STUFF. 2012. Pick n Pay's new flagship store emphasises fresh. Available at: http://foodstuffsa.co.za/news-stuff/latest-sa-news/2518pick-n-pays-new-flagship-store-emphasises-fresh [Accessed 05 October 2015]. Figure 4.6.2q: Guidelines for how to improve convenience within a supermarket. THE GARDIAN. 2015. Female entrepreneurs 'an amazing engine for economic growth'. Available at: http://www.theguardian.com/globaldevelopment/2014/sep/30/female-entrepreneurs-engine-economic-growth [Accessed 05 October 2015].

Figure 4.6.3a: Guidelines for how to improve comfort within a supermarket. KAXII. 2015. Shinsegae. Available at: http://www.kaxii.com/d/23329/architecture-design-blog/shinsegae/[Accessed 05 October 2015]. Figure 4.6.3b: Guidelines for how to improve comfort within a supermarket. LIFE OF AN ARCHITECT. 2015. Architectural Sketching. Available at: [Accessed 05 October 2015]. Figure 4.6.3c and d: Guidelines for how to improve comfort within a supermarket (Schittich 2009)

Figure 4.6.3e: Guidelines for how to improve comfort within a supermarket (Schittich 2009) Figure 4.6.3f: Guidelines for how to improve comfort within a supermarket. MARKET SCOOP. 2015. Blaauwklippen Family Market. Available at: http://www.marketscoop.co.za/food-market-scoop/markets/thecape-winelands/blaauwklippen-family-market [Accessed 05 October 2015]. Figure 4.6.3g: Guidelines for how to improve comfort within a supermarket. RETAIL DESIGN BLOG. 2013.

Woolworths Foodmarket by R&L Architects. Available at: http://retaildesignblog.net/2013/02/26/woolworthsfoodmarket-by-rl-architects/ [Accessed 05 October 2015]. Figure 4.6.3h: Guidelines for how to improve comfort within a supermarket. WANZL. 2015. Shopping trolley with Trend baby seat. Available at: http://www.wanzl.com/en\_EN/products/children-and-parents/shopping-trolley-

Figure 4.6.3i: Guidelines for how to improve comfort within a supermarket. GROCERYSHOPPINGTROLLEY. 2015. Custom Eco - Friendly Two Tier Airport With Normal Flat Wheel , CE / GS / ROSH. Available at: http://www.groceryshoppingtrolley.com/sale-3205216-custom-eco-friendly-two-tier-airport-with-normal-flatwheel-ce-gs-rosh.html [Accessed 05 October 2015].

with-trend-baby-seat/ [Accessed 05 October 2015].

Figure 4.6.3j: Guidelines for how to improve comfort within a supermarket. PLASTY PACK. 2015. PW608 50L HANDLE KURV 1KRT.8Stk. Available at: http://www.plastypack.no/index.php?view=handlekurver[Accessed 05

Figure 4.6.3k: Guidelines for how to improve comfort within a supermarket. SARJU, N.B. 2013. Anthropometric body measurement. Available at: http://umpir.ump.edu.my/7633/1/CD7779.pdf [Accessed 05 October 2015]. Figure 4.6.3I: Guidelines for how to improve comfort within a supermarket. ERGOMATTERS. 2015. Standing Workstation Guidelines. Available at: http://umpir.ump.edu.my/7633/1/CD7779.pdf [Accessed 05 October

Figure 4.6.4a: Guidelines for keeping remodelling costs low. BERGERON CREATIVE STUDIOS. 2013. Bergeron Creative Studios to give Roche Bros. Supermarkets website a refresh. Available at: http://contagiousideas.com/bergeron-creative-studios-give-roche-bros-supermarkets-website-refresh/ [Accessed 05 October

Figure 4.6.4b: Guidelines for keeping remodelling costs low. RKD RETAIL/Q. 2015. Ole' supermarket G4 Mixc, Chengdu. Available at: http://rkdretailiq.com/works501\_detail.php?id=69 [Accessed 05 October 2015]. Figure 4.6.4c: Guidelines for keeping remodelling costs low. VERTICAL HOME GARGEN. 2015. Mini-R-Cafeteria Interior. Available at: http://titaniumvertical.blogspot.co.za/2014/05/mini-cafe-design-concepts.html [Accessed 05 October 2015].

Figure 4.6.4d: Guidelines for keeping remodelling costs low. FOOD LOVER'S MARKET. 2015. The Food Lover's Market Story. Available at: http://www.fruitandvegcity.co.za/about-fruit-and-veg-city/the-food-lovers-marketstory/[Accessed 05 October 2015]. Figure 4.6.4e: Guidelines for keeping remodelling costs low. AN AMERICAN IN QUIRKY JOHANNESBURG. 2015.

Vendors evicted from jozi's streets. Available at: http://2summers.net/2013/10/24/vendors-evicted-fromjozis-streets/[Accessed 05 October 2015]. Figure 4.6.4f: Guidelines for keeping remodelling costs low. HELLO MATILDE. 2014. Obbio: Nuevo Supermercado De Comida Ecológica. Available at: http://www.hellomatilde.com/2014/04/obbio/ [Accessed 05 October

Figure 4.6.4g: Guidelines for keeping remodelling costs low. BUSINESS PME. 2015. Africa market. Available at: http://www.businesspme.com/photos/380139/africa-market.html [Accessed 05 October 2015]. Figure 4.6.4h: Guidelines for keeping remodelling costs low. Legname. 2015. Siamo Grandissimi Importatori Di Legno Per Tutti L'usi. Available at: http://www.tecnoshopsrl.com/legname\_7.html [Accessed 05 October 2015]. Figure 4.6.4i: Guidelines for keeping remodelling costs low. MR TANGO SHOES. 2015. What is a shoe last. Available at: http://www.tangoinmiami.com/shoe-last.html [Accessed 05 October 2015]. Figure 4.6.4j: Guidelines for keeping remodelling costs low. GRITEC. 2015. Gritec SharePoint Toolbox. Available at: http://gritec.ch/de/business-software-engineering/gritec-toolbox-sharepoint/ [Accessed 05 October 2015].

**Figure 4.6.5**a: Guidelines for improving existing supermarket fixtures (Bell & Ternus 2002) Figure 4.6.5b: Guidelines for improving existing supermarket fixtures. 8.ATE@EIGHT. 2010. Do This!: Eataly is Big Box Batali. Available at: http://8ateateight.com/2010/10/25/do-this-eataly-is-big-box-batali/ [Accessed 05

Figure 4.6.5c: Guidelines for improving existing supermarket fixtures. THE WORKPLACE DEPOT. 2015. Magnetic & Self-Adhesive Aisle Markers, Available at: http://www.theworkplacedepot.co.uk/magnetic-selfadhesive-aislemarkers [Accessed 05 October 2015]. Figure 4.6.5d: Guidelines for improving existing supermarket fixtures. ABCOOLIMAGES. 2015. Store aisle markers. Available at: http://abccoolimages.com/store+aisle+markers [Accessed 05 October 2015].

Figure 4.6.5e: Guidelines for improving existing supermarket fixtures. CANADIAN GROCER. 2015. Loblaw's store renovations. Available at: http://www.canadiangrocer.com/photo-gallery/take-a-walk-through-two-new-loblawstores-35446#959-loblaws-store-renovations [Accessed 05 October 2015]. Figure 4.6.5f: Guidelines for improving existing supermarket fixtures (Bell & Ternus 2002) Figure 4.6.5g: Guidelines for improving existing supermarket fixtures. YEO, L. Allgood Supermarkets, Dongguan.

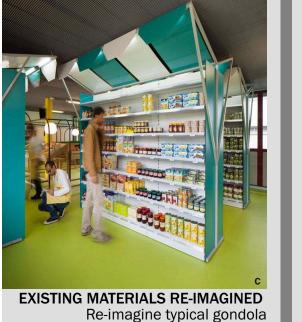
Available at: http://lynndenyeo.com/Allgood-Supermarket-Dongguan [Accessed 05 October 2015]. Figure 4.6.5h-j: Guidelines for improving existing supermarket fixtures (Bell & Ternus 2002) Figure 4.6.5k: Guidelines for improving existing supermarket fixtures. LA FABRIQUE DE SENTIMENT. 2015. La Grande Epicerie De Paris. Available at: http://www.lafabriquedesentiments.com/la-grande-epicerie-de-paris-6/ [Accessed 05 October 2015].

Figure 4.6.5l: Guidelines for improving existing supermarket fixtures. FLICKR. 2012. J Sainsbury plc. Available at: https://www.flickr.com/photos/i-sainsbury/6707211725/in/photostream [Accessed 05 October 2015]. Figure 4.6.5m: Guidelines for improving existing supermarket fixtures (Bell & Ternus 2002)

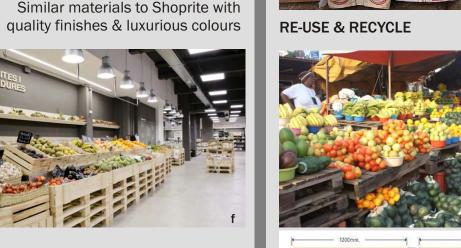
Figure 4.6.5n: Guidelines for improving existing supermarket fixtures. EVERITT, D. 2015. OUGD505: Studio brief 2 - Signage, info and way finding. Available at: http://dc-everitt1215-dc.blogspot.co.za/2014/05/ougd505studio-brief-2-signage-info-and.html [Accessed 05 October 2015].

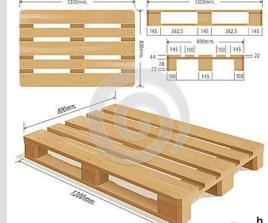
# **LOW COST**











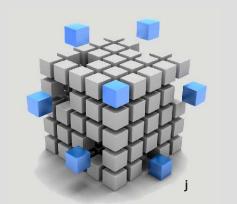
Shoprite is replacing wooden crates with reusable plastic crates (Shoprite Opportunity to reuse wooden crates in

interior (FRESH PRODUCE SECTION)



Figure 4.6.4: Guidelines for keeping remodelling costs low (Various sources)

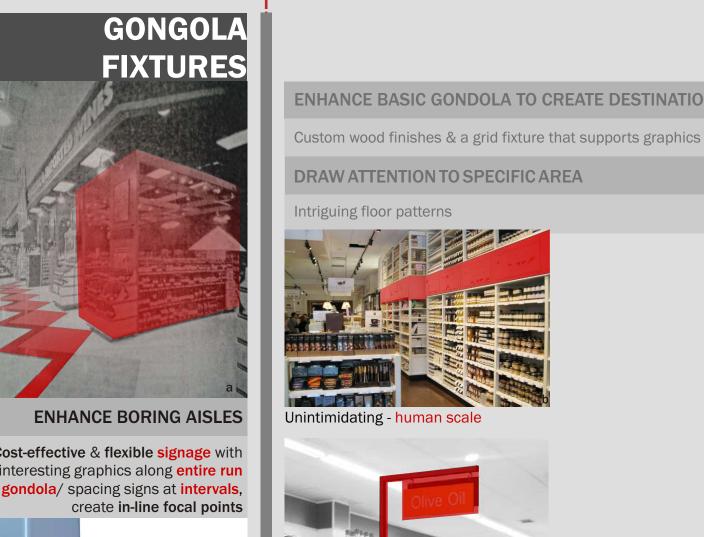
-----

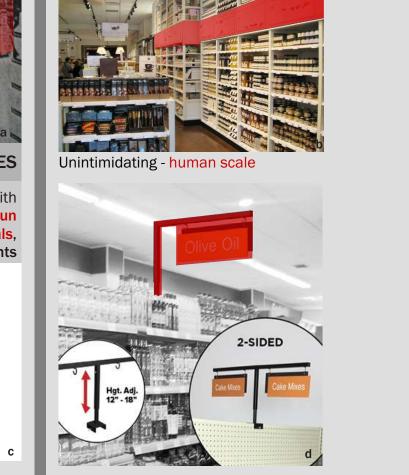


Objects able to move around store

(signage, shelving)

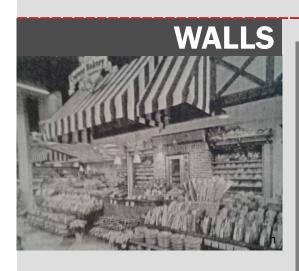
**MODIFY INTERIOR COMPONENTS** 

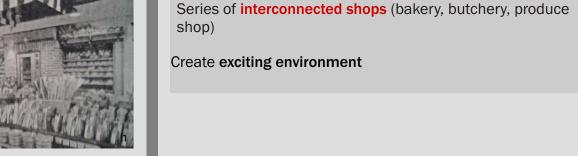




**CUSTOM MADE FIXTURES** 









**FOCAL FIXTURE** 

Variety of shelving

Visual impact through floor-to-

ceiling library-style fixture



Theme & materials NB



**GRAPHICS** 

Bright floor-to-ceiling

graphics enhance store

atmosphere & prevent wasted retail space

Figure 4.6.5: Guidelines for improving existing supermarket fixtures (Various sources)

cross merchandisi



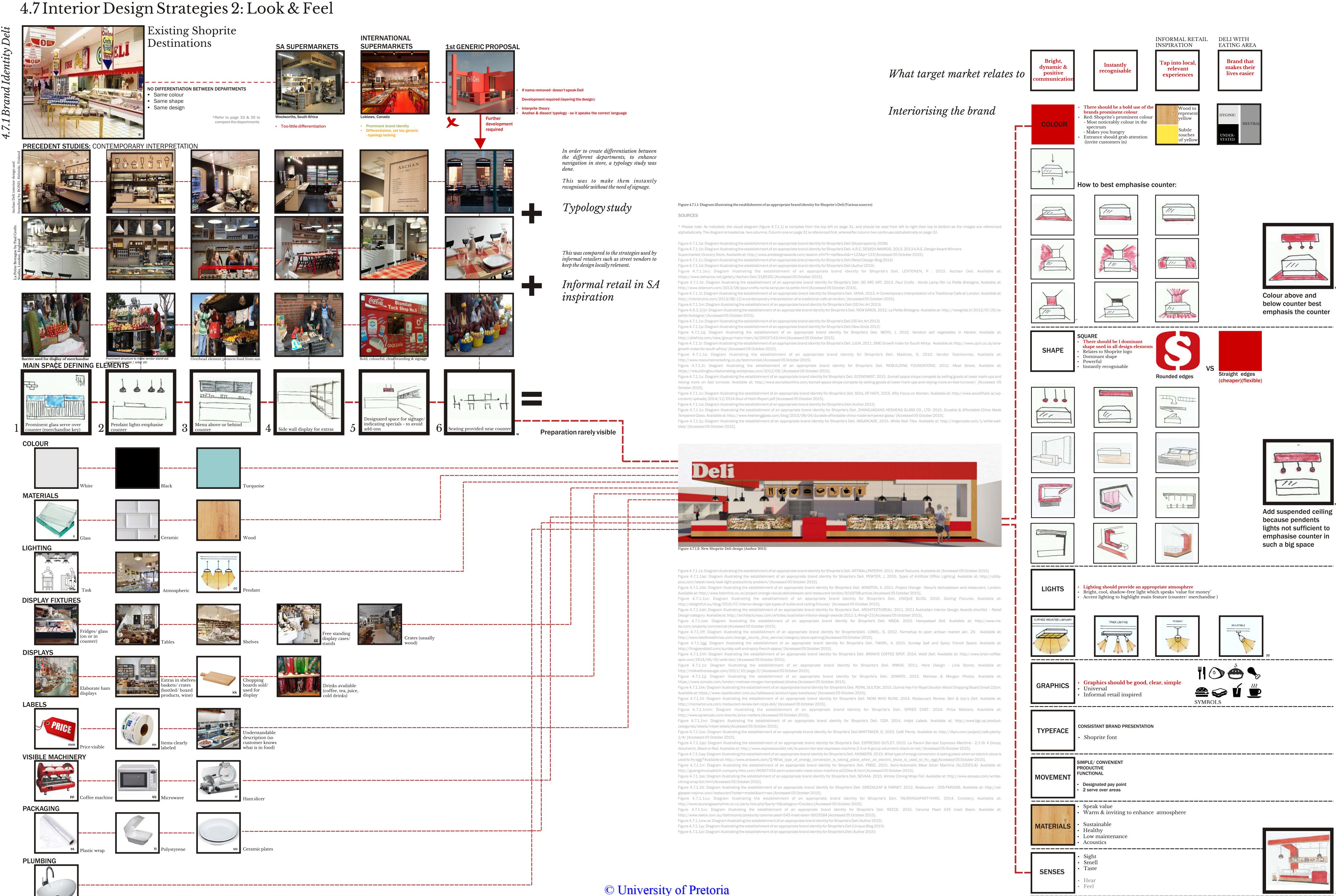
## © University of Pretoria Figure 4.6.3: Guidelines for how to improve comfort within a supermarket (Various sources)

\_\_\_\_\_\_

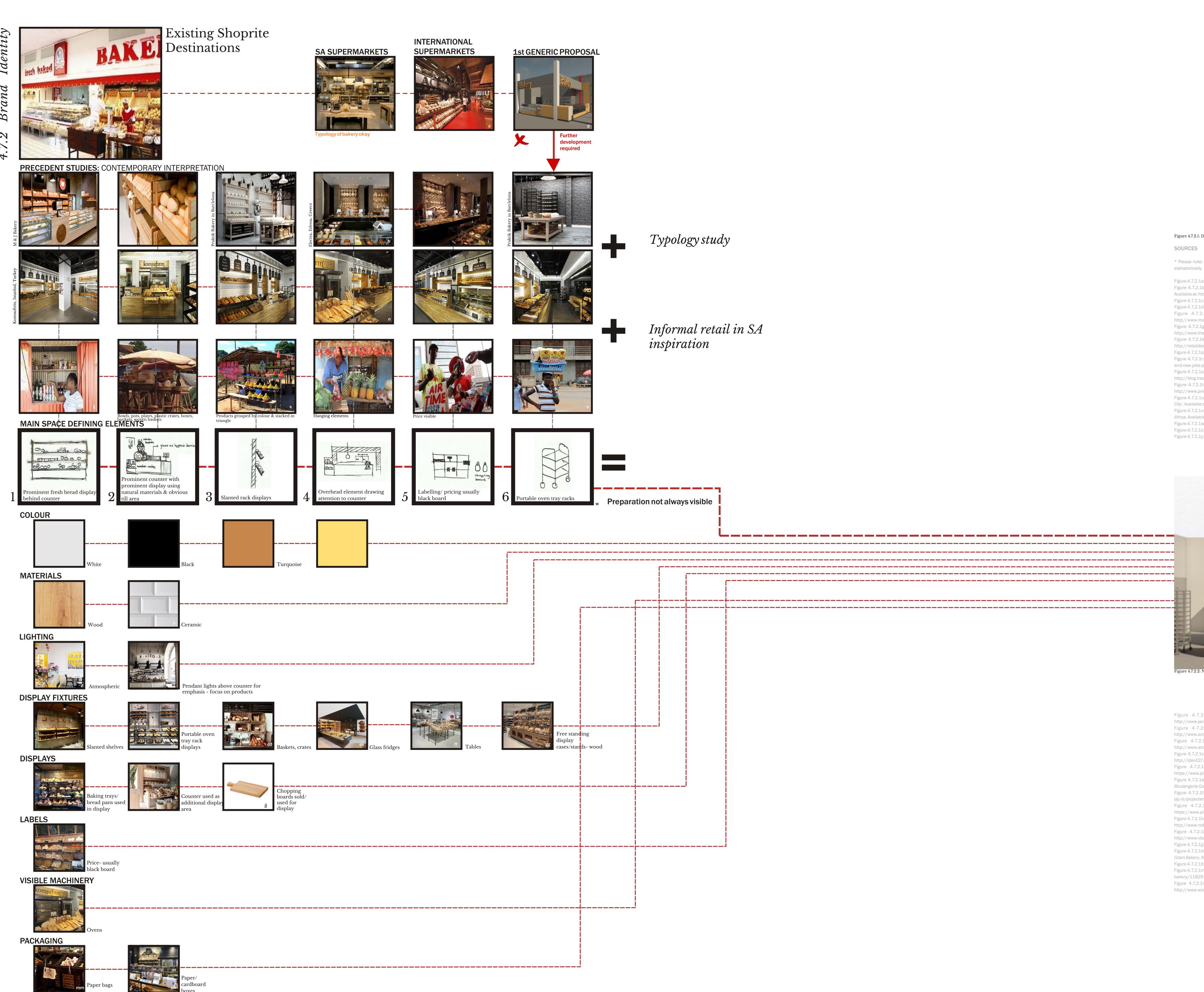
CONSISTENCY THROUGHOUT STORE: REPETITION OF THESE ELEMENTS











#### Figure 4.7.2.1: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Various sources - edited by author)

\* Please note: As indicated, the visual diagram (figure 4.7.2.1) is compiles from the top left on page 33, and should be read from left to right then top to bottom as the images are referenced alphabetically.

Figure 4.7.2.1a: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Skyscrapercity 2008) Figure 4.7.2.1b: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. MIDDLETON GROUP. 2015. Woolworths Nicolway Grocery Store, South Africa.

Available at: http://middletongroup.ca/blog/10-retail-display-designs-we-love/b[Accessed 05 October 2015].

Figure 4.7.2.1c: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Retail Design Blog 2014)

Figure 4.7.2.1d: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Author 2015)

Figure 4.7.2.1e-f: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. MORRISSELVATICO. 2015. Eat. Available at: http://www.morrisselvatico.com/portfolio-page/m-j-bakery/[Accessed 05 October 2015]. Figure 4.7.2.1g-j: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. THE COOL HUNTER. 2014. The Rise of The Designer Bakery. Available at:

http://www.thecoolhunter.net/article/detail/2047/the-rise-of-the-designer-bakery [Accessed 05 October 2015]. Figure 4.7.2.1k-p: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. RETAIL DESIGN BLOG. 2012. Komsufi ri n bakery by Autoban. Available at:

http://retaildesignblog.net/2012/04/13/komsufirin-bakery-by-autoban/[Accessed 05 October 2015].

Figure 4.7.2.1q: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Times Live 2013)

and-new-jobs-part-2/[Accessed 05 October 2015]. Figure 4.7.2.1s: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. THERON, K. 2015. Northern Mozambique – Beautiful But Inhospitable. Available at:

http://blog.tracks4africa.co.za/category/mozambique/[Accessed 05 October 2015]. Figure 4.7.2.1t: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. PRICE TRAVEL. 2015. Puesto de frutas en Puerto Elizabeth. Available at:

http://www.pricetravel.com.mx/puerto-elizabeth [Accessed 05 October 2015]. Figure 4.7.2.1u: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. REUTERS AFRICA. 2014. A desperate moonlight economy in Zimbabwe's 'Sunshine City'. Available at:http://af.reuters.com/article/topNews/idAFKBN0CP00M20140403 [Accessed 05 October 2015].

Figure 4.7.2.1v: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. MYBURG, A. 2013. Development, politics, competition and bread: Lessons from South Africa. Available at: http://blogs.worldbank.org/psd/development-politics-competition-andbread-lessons-from-south-africa [Accessed 05 October 2015].

Figure 4.7.2.1w: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Author 2015)

Figure 4.7.2.1x: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (ArtWallpaperHi 2011) Figure 4.7.2.1y: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Imgarcade 2015)

Figure 4.7.2.2: New Shoprite Bakery design (Author 2015)

Figure 4.7.2.1z: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. CLARK, J. 2015. Colette. Available at: http://www.jacquelynclark.com/2015/02/13/eating-my-way-through-toronto/[Accessed 05 October 2015]. Figure 4.7.2.1aa: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. (ARC)HIVE. 2015. Brand. Available at: http://www.archivecreativestudio.com/brand/ [Accessed 05 October 2015]. Figure 4.7.2.1bb: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. ARCHILOVERS. 2012. Kogias Bakery. Available at:

http://www.archilovers.com/projects/73381/kogias-bakery.html [Accessed 05 October 2015]. Figure 4.7.2.1cc: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. IDER. 2015. Adriano Zumbo patisserie by Luchetti Krelle, Sydney. Available at: http://ider427.tistory.com/?page=144 [Accessed 05 October 2015].

Figure 4.7.2.1dd: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. VANDA, M. 2013. Dépanneur | New York. Available at: https://www.pinterest.com/pin/3307399698931121/[Accessed 05 October 2015]. Boulangerie Gourmande. Available at: http://decorationofhome.net/home-decorating-styles/inviting-bakery-design-in-france-by-cruz-s-l-boulangerie-gourmande/ [Accessed 05 October 2015].

Figure 4.7.2.1ff: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. HELIR. 2012. Marqt Amsterdam, Haarlemmerstraat. Available at: http://hdp.nl/projecten/marqt-haarlemmerstraat-amsterdam/ [Accessed 05 October 2015]. Figure 4.7.2.1gg: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. BALLON. 2014. Waitrose\_cw\_food\_1. Available at: https://www.pinterest.com/pin/333547916126586005/ [Accessed 05 October 2015].

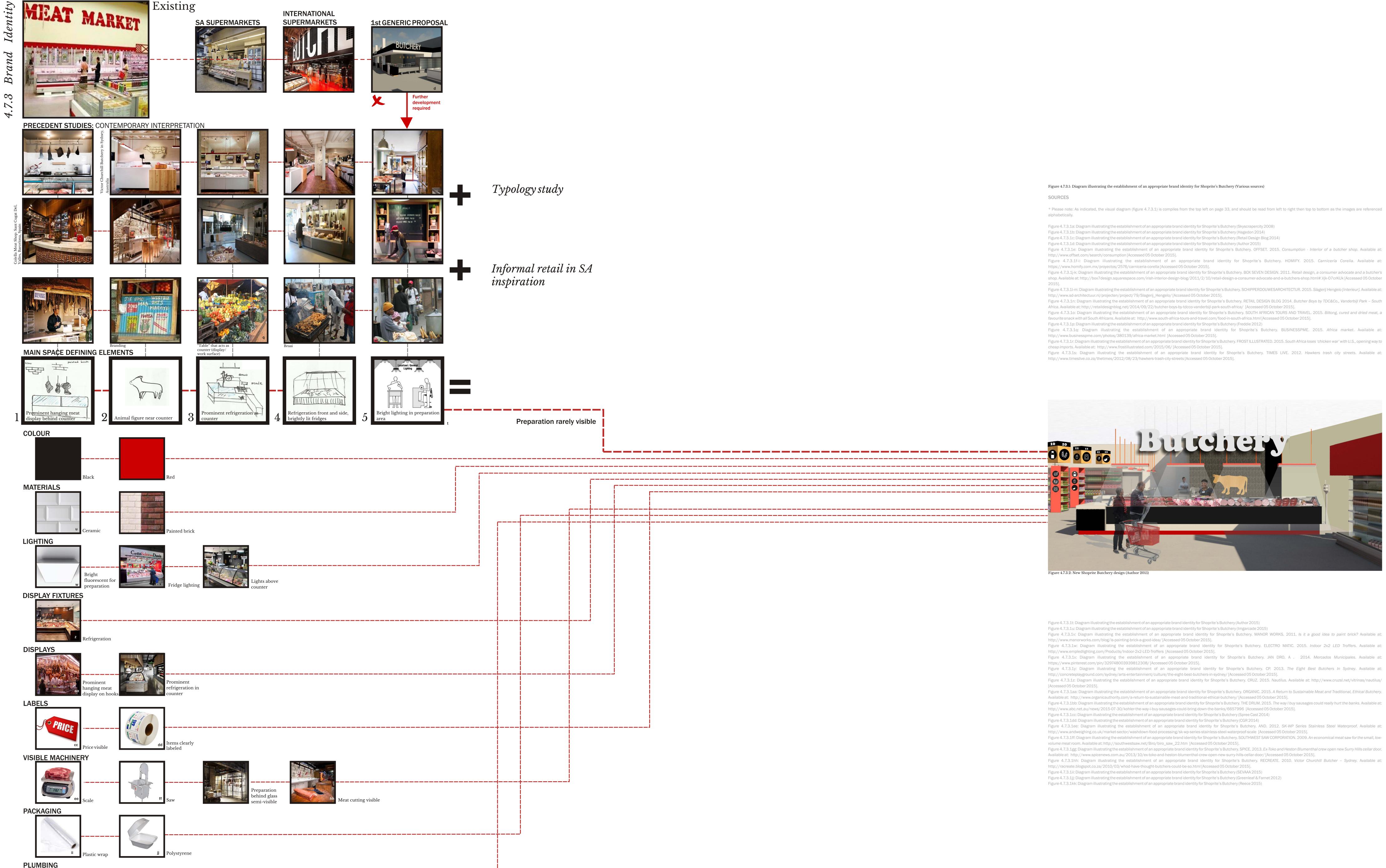
Figure 4.7.2.1hh: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. NOT QUITE NIGELLA. 2015. Bourke Street Bakery At Night, Potts Point. Available at: http://www.notquitenigella.com/2013/01/15/bourke-street-bakery-at-night-potts-point/ [Accessed 05 October 2015]. Figure 4.7.2.1ii: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. VLAAMSCH VB BROODHUYS. 2015. Elandsgracht. Available at: http://www.vlaamschbroodhuys.nl/index.php/gb/page/elandsgracht/filiaal/ [Accessed 05 October 2015]. Figure 4.7.2.1jj: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Royal Dulton 2015)

Figure 4.7.2.1kk: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. ONLY HERE FOR THE FOOD. 2008. More Bakery than Cafe: Breadland Organic Whole Grain Bakery. Available at: http://www.onlyhereforthefood.ca/2008/05/08/more-bakery-than-cafe-breadland-organic-whole-grain-bakery/[Accessed 05 October 2015].

Figure 4.7.2.1II: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery (Retail Design Blog 2012)

Figure 4.7.2.1mm: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. CRAFTHUBS. 2015. French Bakery. Available at: http://www.crafthubs.com/frenchbakery/11829 [Accessed 05 October 2015]. Figure 4.7.2.1nn: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Bakery. ANDREA. 2012. Seorae Village: Seoul's "Little France". Available at: http://www.world-walk-about.com/northern-asia/seorae-village-seouls-little-france/[Accessed 05 October 2015].





\* Please note: As indicated, the visual diagram (figure 4.7.3.1) is compiles from the top left on page 33, and should be read from left to right then top to bottom as the images are referenced

Figure 4.7.3.1e: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. OFFSET. 2015. Consumption - Interior of a butcher shop. Available at:

Figure 4.7.3.1j-k: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. BOX SEVEN DESIGN. 2011. Retail design, a consumer advocate and a butcher's

shop. Available at: http://box7design.squarespace.com/irish-interior-design-blog/2011/2/10/retail-design-a-consumer-advocate-and-a-butchers-shop.html#.Vjk-07crKUk [Accessed 05 October

Figure 4.7.3.1n: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. RETAIL DESIGN BLOG 2014. Butcher Boys by TDC&Co., Vanderbijl Park - South Africa. Available at: http://retaildesignblog.net/2014/09/22/butcher-boys-by-tdcco-vanderbijl-park-south-africa/ [Accessed 05 October 2015].

Figure 4.7.3.1o: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. SOUTH AFRICAN TOURS AND TRAVEL. 2015. Biltong, cured and dried meat, a favourite snack with all South Africans. Available at: http://www.south-africa-tours-and-travel.com/food-in-south-africa.html [Accessed 05 October 2015].

Figure 4.7.3.1q: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. BUSINESSPME. 2015. Africa market. Available at:

Figure 4.7.3.1s: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. TIMES LIVE. 2012. Hawkers trash city streets. Available at:



Figure 4.7.3.1w: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. ELECTRO MATIC. 2015. Indoor 2x2 LED Troffers. Available at:

Figure 4.7.3.1z: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. CRUZ. 2015. Nautilus. Available at: http://www.cruzsl.net/vitrinas/nautilus/ Figure 4.7.3.1aa: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. ORGANIC. 2015. A Return to Sustainable Meat and Traditional, Ethical Butchery.

Figure 4.7.3.1bb: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. THE DRUM. 2015. The way I buy sausages could really hurt the banks. Available at: http://www.abc.net.au/news/2015-07-30/kohler-the-way-i-buy-sausages-could-bring-down-the-banks/6657996 [Accessed 05 October 2015].

Figure 4.7.3.1ee: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. AND. 2012. SK-WP Series Stainless Steel Waterproof. Available at: http://www.andweighing.co.uk/market-sector/washdown-food-processing/sk-wp-series-stainless-steel-waterproof-scale [Accessed 05 October 2015]. Figure 4.7.3.1ff: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. SOUTHWEST SAW CORPORATION. 2009. An economical meat saw for the small, low-

Figure 4.7.3.1gg: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. SPICE. 2013. Ex-Toko and Heston Blumenthal crew open new Surry Hills cellar door.

Figure 4.7.3.1hh: Diagram illustrating the establishment of an appropriate brand identity for Shoprite's Butchery. RECREATE. 2010. Victor Churchill Butcher - Sydney. Available at:

© University of Pretoria

------

#### 4.8 CONCLUSION

Chapter four aided in identifying the strengths, weaknesses and opportunities in exiting Shoprite supermarkets. This was done by means of a three part site analysis which was guided by the theory in chapter three, as well as additional supermarket psychology theory. The existing problems identified within the interior helped determine the areas of focus for the design execution of the project - the interior components to be designed. These have the most potential to improve the efficiency of Shoprite interiors and thereby fulfill the brand promise within the interior. Furthermore, they also hold the opportunity to solve most of the overall problems within the interior, such as the lack of brand identity, in-store navigation and convenience to name a few. Again, the interior components to be designed are: [1] the instore departments, namely the Deli, Bakery and Butchery. Of these, the Deli will serve as the core example of how the destinations are to be resolved appropriately. [2] the aisle navigation; and [3] the checkout area.

The chapter continued by presenting the design development of the project. Here, additional interior design guidelines were formulated to assist in resolving the existing store problems - with focus on the identified interior components. This was done by analysing additional precedents and theories, while relating the solutions to the informal retail inspiration throughout.

Next, continuing the design guidelines, interior design strategies are presented for how a new, appropriate brand identity for Shoprite is established within store. The departments are used to illustrate this. It is done in the form of a diagram, showing precedent studies and typology studies - which was again linked to the informal retail inspiration behind the project, to ensure local relevance. The diagram further illustrates how the design serves to resonate with the target market by providing appropriate store communications which aid in creating an authentic experience, as suggested by the theory. Lastly, the diagram shows how the Shoprite brand is interiorised, following the guidelines formulated in chapter three.

