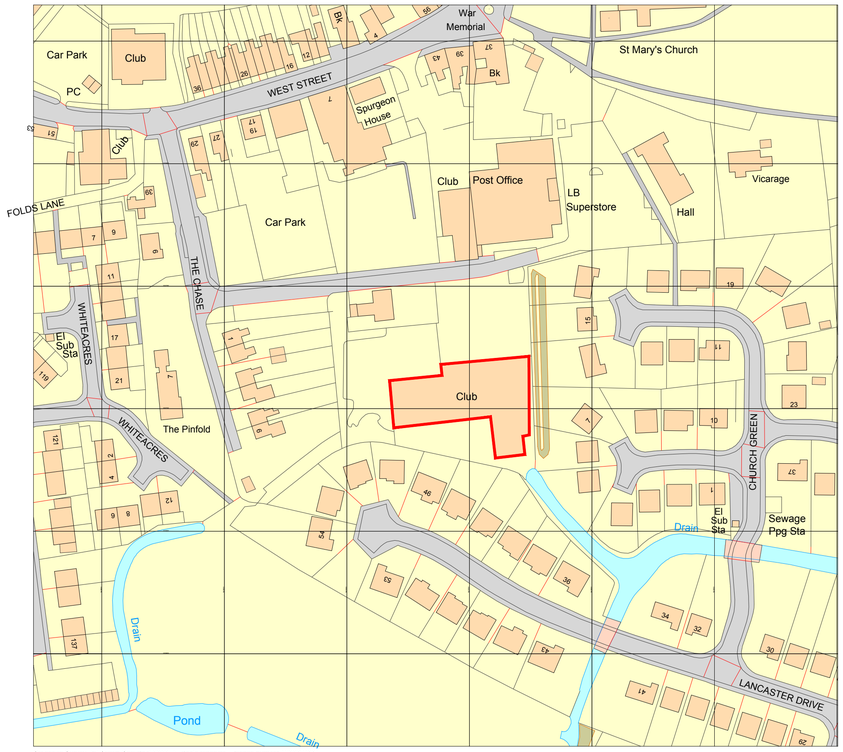

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N

0m 25m 50m 100m 200m 400m

Scale 1:1250

LOCATION PLAN
Scale 1:1250 @ A1

SURVEY SCAN BIM DESIGN

Part B | Fire Safety
1. All means of escape is as per Approved Document B1.
2. All emergency lighting are per BS 5266-1:2005.
3. All fire detection and alarm system to be provided and installed to an L1 standard in accordance with BS 5839-1 2002.
4. Fire exit signs and notices to comply with the requirements of BS 5499-1 2002.
5. All walls and ceilings in shops are to be Class 0 or Class 1 (National class) spread of flame as per BS 476: 1987 (1997).
6. All fire doors to comply with BS 476-22 and classified in accordance with BS EN 13502-2: 2003, be a minimum of FD30S with self closing devices and intumescent strips. If doors form part of a protected route fit cold smoke seals. Also provide 'Fire Door Keep Shut' notices to both faces. All fire doors should be marked with appropriate fire safety sign complying with BS 5499-5:2022.
7. Any voids in excess of 20m to have FR30 cavity barriers.
8. Any plastic light diffusers to be TPA rated.
9. Occupancy figures are based on $2m^2$/person
10. Escape door widths to be a minimum of 800mm. Escape doors to be fitted with either panic bolts, push pads or thumb turn screws.
11. Provide fire fighting equipment to BS 5306-2:1990.
12. All Auto Doors to have a fail safe, easily outward openable operation, upon activation of the Fire Alarm activation, or power failure.
13. All mechanical ventilation ducts, where passing through protected routes must be clad to achieve 1 Hr fire protection.
14. Fully enclosed walk-in store rooms (unless provided with an automatic fire detections and alarm system) should be separated from retail areas with fire-resisting construction.

Part F | Ventilation
1. New toilet accommodation to have mechanical extract ventilation equivalent to 6l/s per WC/urinal ducted to external air.
2. Toilet accommodation without windows to have an opening light of 5% of the floor area and $4000mm^2$ background ventilation.
3. Staff area/offices to have mechanical ventilation of 10 litres per second per occupant as rapid ventilation 5% of floor area.
4. Retail areas to have rapid ventilation of 5% of the floor area or mechanical ventilation of 16 litres per second per occupant. (This only applies to new stores).
5. All windowless accommodation to have minimum 15 minute overrun on mechanical extract, including WC.
6. All mechanical ventilation to compile with CIBSE Guide B 2005.

Part G | Hygiene
1. Sanitary accommodation to be provided in accordance with BS 6465 Part 1 2006.
2. All unvented hot water systems to BS 7206:1990 and:
   a. Have an energy cut out switch.
   b. Temperature relief valve.
   c. Pressure relief valve.
3. All pipes discharge via a 50mm diameter tundish to either an external wall or a floor gully.
4. All sanitary appliances to discharge to existing drainage Unless Stated Otherwise.

Part H | Drainage & Waste
1. Sanitary Plumbing to be as follows:
   a. All traps are to 75mm deep seal.
   b. Wash hand basin wastes 32mm diameter.
   c. Sink wastes 38mm diameter.
   d. Waste pipes to be 38mm diameter up to 2.0m in length and then 50mm diameter.
2. All drain runs to be 100mm diameter and bedded in pea gravel at falls of 1:40
3. All drainage to be in accordance with BS 8301 1985.
4. All stack pipes to terminate to fresh air.
5. Any drainage run >4m in length must be pumped to nearest SVP.

Part J | Combustion Appliances
1. All combustion installations must be accommodated in ways that meet the requirements of the Building Regulations, to include the installation of Gas-Fired Boilers BS 6798: 2009
2. Gas installations also have to comply with the Gas Safety Regulations (Installations and Use) 1998 and Gas Appliances (Safety) Regulations 1995.

Part L2b | Conservation of Fuel & Power
1. Reasonable provision must be made for the conservation of fuel and power in building by limiting heat gain and losses, providing fixed building services which are energy efficient.

Part M | Access to Building
1. All new entrance doors to have level thresholds.
2. All new entrance doors to have 1000mm clear opening width.
3. All doors to have vision panels (except for reasons of privacy) between 500-1500mm from floor level.
4. Disabled WCs to be fitted out in accordance with the Approved Document M.
5. All shops (where practical) to have level sales areas.
6. All ramps to be min 1.5m wide with a max. fall of 1:12, and where possible be accompanied by steps.
7. All glazing to entrance doors & store front to included manifestions (1st at 850 to 1000mm, 2nd 1400 to 1600mm)
8. Audio & Visual fire alarm to be fitted to all WCs.

Part N | Glazing
1. All glass in critical locations such as doors and side screens to be safety glass to BS 6206 1981 up to 1500mm above finished floor level.
2. All shopfronts to have manifestations.

Part P | Electrical
1. All electrical installation to comply with BS 7671: 2001.

Rev:	Comments	By	Chkd	Date

DESIGNBASE

Surveying & BIM

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Project Name
LONG SUTTON
Indoor Bowls Club, The Chase, Spalding
PE12 9BW

CAD Drawing Name:
RP218 LONG SUTTON OFS 26.02.18

Drawing Title :
PROPOSED - LOCATION PLAN

Client:
THE ORIGINAL FACTORY SHOP

Date
05/07/2017

Agent:
DESIGN BASE

Scale
A1 @ 1:1250

Drawn by:	Checked by:	Project Code:	Revision:
db - CW	db - DA	db3009	-

Grid Orientation:	Site Level Datum
N/A	N/A

All dimensions are to be checked on site where applicable.This drawing must not be scaled, and only written dimensions should be respected.

Tree species and sizes on this drawing are not guaranteed, and if critical should be verified by an arboriculturist. Tree spreads are average about the bole, and heights are approximate at the time of the survey.