

**GENERAL NOTES:**

ALL WORK TO COMPLY WITH NBR/SANS 10400.  
 ALL DIMENSIONS & LEVELS TO BE VERIFIED ON SITE.  
 OVERALL EXTERNAL DIMENSIONS ARE TO TAKE PRECEDENCE.  
 WORK FROM FIGURED DIMENSIONS ONLY-DO NOT SCALE FROM DRAWING.  
 WHERE APPLICABLE, SUB-CONTRACTORS TO CHECK ON SITE THE SIZE OF COMPONENTS PRIOR TO MANUFACTURE.  
 ALL LIGHTS & VENTILATION TO COMPLY WITH PART 'O' OF NBR/SANS 10400

(SEE MECHANICAL VENTILATION NOTES FOR MORE INFORMATION)

**NOTE:**

ALL PIPEWORK IN KFC BELOW SURFACE BED TO BE WELDED HDPE

ALL SANITARY FITTINGS, EXCLUDING ROFO DRAINS AND GT700 GREASE TRAP, TO BE SUPPLIED AND FITTED BY TENANT.

ALL PIPE-WORK BELOW SURFACE BED TO BE WELDED HDPE DIA. 110mm AND DIA. 56mm

STUB STACKS TO BE TO DRAINAGE ENGINEER'S DESIGN AND DETAIL

**MECHANICAL VENTILATION:**

FRESH AIR SUPPLY OF 17.5l PER SEC/PERSON WITH MAXIMUM AIR VELOCITY OF 0.5m/SECOND TO BE PROVIDED TO KITCHEN AND SEATING AREA.

AIR TO INTERNAL TOILETS TO BE EXTRACTED TO EXTERNAL AT THE RATE OF 20l SEC/FITMENT AND TO OUTSIDE OF BUILDING ENVELOPE. ARTIFICIAL VENTILATION TO ALWAYS BE UNDER NEGATIVE PRESSURE

**FIRE PROTECTION NOTES:**

ALL WORK TO COMPLY WITH SANS 10400.  
 OCCUPANCY CLASSIFICATION -A1.  
 5x4.5kg CO<sup>2</sup> EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SANS 10105.  
 PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON PURPOSE MADE BOARDS & LOCATED IN SECURE POSITIONS AS INDICATED ON PLAN IN COMPLIANCE WITH TT37.  
 ESCAPE DOORS MAY ONLY BE FITTED WITH LOCKING DEVICES AS APPROVED BY THE LOCAL AUTHORITY.  
 MARKING & SIGNAGE TO COMPLY WITH SANS 1186-1.  
 PICTORIAL SIGNS INDICATED FIRE EQUIPMENT & MEANS OF ESCAPE TO BE IN COMPLIANCE WITH TT32.2, TT29, TT55.4 & TT55.5.  
 SUSPENDED CEILINGS & SUPPORTING MEMBERS TO BE NON-COMBUSTABLE & TO COMPLY WITH TT13(1) AND TT13(2).  
 ALL EMERGENCY LIGHTING TO COMPLY WITH TT30.  
 EMERGENCY LIGHTING TO BE INSTALLED AT MIN 50 LUX FOR A PERIOD OF AT LEAST 60min.  
 1x30m ROTARY HOSE REEL AS SHOWN ON PLAN.  
 STRUCTURAL ELEMENTS & COMPONENTS TO HAVE MINIMUM STABILITY RATING OF 60min.  
 MANUALLY ACTIVATED AUDIBLE ALARM SYSTEM TO BE INSTALLED IN ACCORDANCE WITH SANS 10139 & TT31.

TABLE 2 - AVERAGE WATER CONSUMPTION HOT AND COLD APPLIANCES				TABLE 5 - HOT WATER DEMAND, STORAGE AND HEATER POWER REQUIREMENTS					
1	2	3	4	TOTAL HOT WATER DEMAND	STORAGE VOLUME AT 60°C	HEATER POWER*			
DOMESTIC AND COMMERCIAL APPLIANCES									
BATH	80-90	L/OPERATION		1470	1470	24.5			
BIDET	6-8								
CLOTHES WASHING MACHINE	60-180								
DISHWASHING MACHINE	3-70								
DOMESTIC WASTE DISPOSAL UNIT	10-15 a								
SHOWER	3-6 a								
WASH-HAND BASIN	4-8								
WC FLUSHING VALVE	8-10								
DOMESTIC APPLIANCES									
CAR WASHING AND GARDEN USE	3-6								
DRINKING FOOD PREPARATION AND COOKING	18-22	1	20						
LAUNDRY	10-15								
PERSONAL WASHING AND BATHING	20-30								
WASHING DISHES	8-12	3	30						
WC FLUSHING	32-40	4	144						
OFFICE INSTALLATION APPLIANCES									
HAND WASHING - NORMAL TAPS	8-15	5	57.5						
HAND WASHING - SPRAY TAPS	3-7								
URINAL FLUSHING - 24H DAY	10-18								
URINAL FLUSHING - 8H DAY	4-8								
WC FLUSHING - NO URINALS PROVIDED	12-18								
WC FLUSHING - URINALS PROVIDED	4-6								
a PER MINUTE				TOTAL					
						251.5			

**LIST OF DEVIATIONS:**

- A EXISTING WALLS TO BE DEMOLISHED. FLOOR AND CEILING TO BE MADE GOOD TO MATCH EXISTING.
- B TO BE BRICKED UP - PLASTER AND PAINT TO MATCH EXISTING
- C NEW 115mm INTERNAL WALL.
- D NEW WASTE OUTLET TO CONNECT UP WITH EXISTING WASTE PIPE AT NEAREST POINT.
- E SCULLERY WITH GT 700 GREASE TRAP BENEATH TO CONNECT UP TO EXISTING DRAINAGE SYSTEM AT NEAREST POINT.

FIRE EQUIPMENT	
	WALL MOUNTED FIRE BLANKET.
	EMERGENCY LIGHT FITTINGS TO COMPLY WITH SANS 10400, NBR.
	WALL MOUNTED FIRE EXTINGUISHER WITH APPROPRIATE SIGNAGE ABOVE
	CEILING MOUNTED SMOKE DETECTION UNIT CONNECTED TO ALARM SYSTEM.
	SMOKE EXTRACTOR TO SPECIALIST DESIGN INSTALLATION.
	POSITION OF FIRE HYDRANT CONNECTION (SHOULD THIS BE REQUIRED)
	WALL MOUNTED 30m FIRE HOSE REEL WITH APPROPRIATE SIGNAGE.
	ESCAPE ROUTE.
	ASSEMBLY POINT.

SCHEDULE OF AREAS:	
PUBLIC ACCESSIBLE AREAS:	
RESTAURANT AREA:	94,2sqm
FIRST FLOOR:	80,2sqm
<b>TOTAL PUBLIC ACCESSIBLE AREA:</b>	<b>174,4sqm</b>
PARKING REQUIREMENTS ARE 1BAY/10sqm OF P.A.A. THUS 18 PARKING BAYS REQUIRED AND ADD 2 PARKING BAYS FOR EXISTING DWELLING THUS:	
TOTAL PARKING REQUIRED:	20 BAYS
TOTAL PARKING INDICATED:	21 BAYS

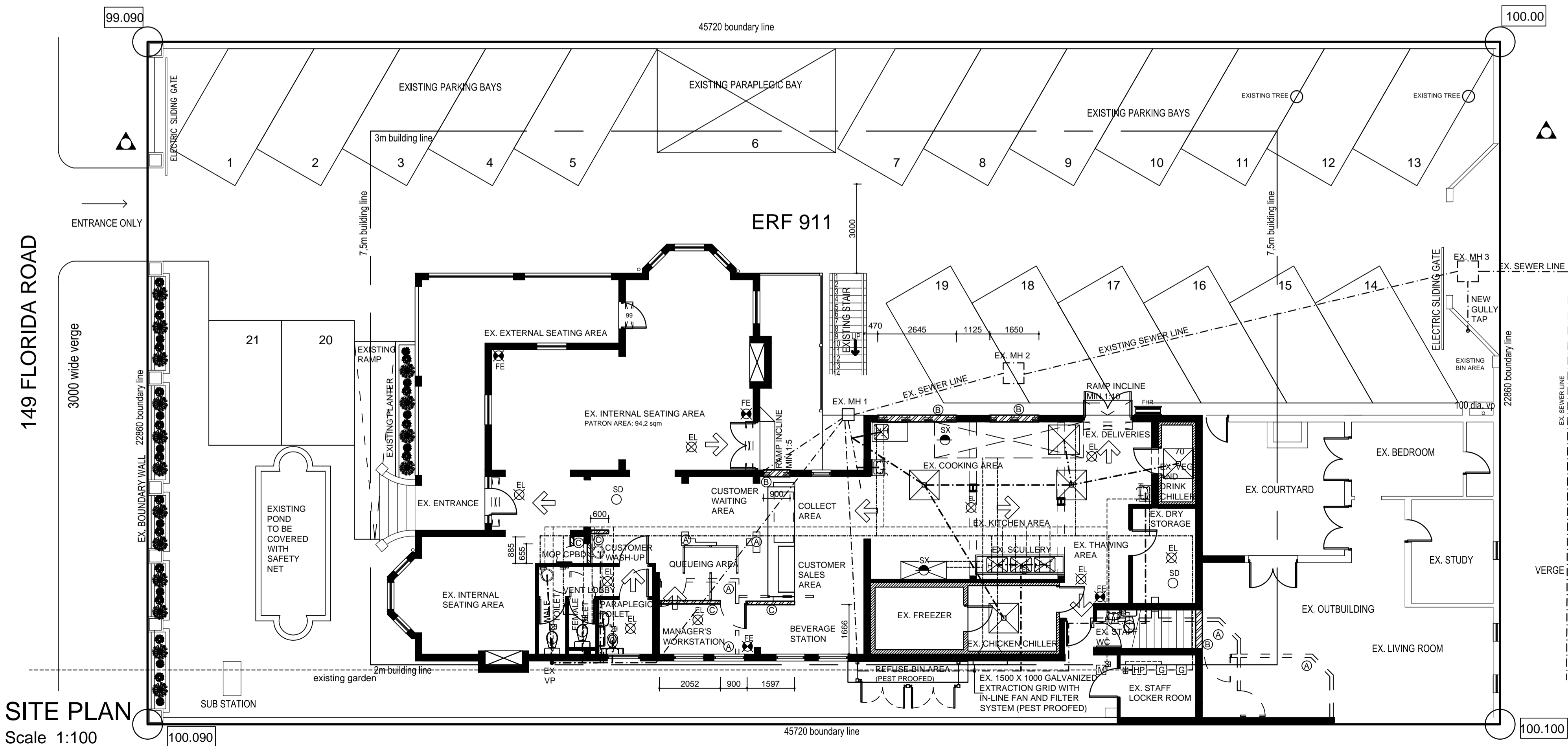
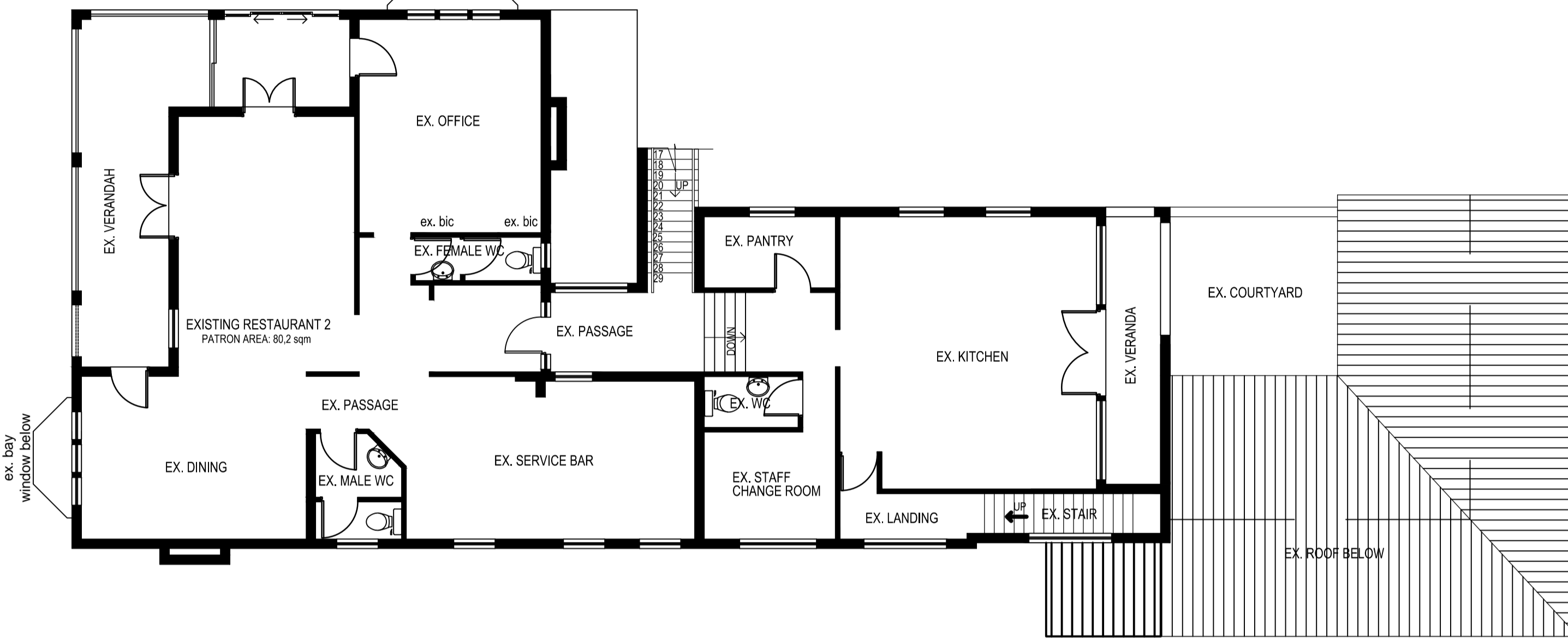
**NOTE:**

HOT AND COLD WATER DEMAND CALCULATIONS IN ACCORDANCE WITH SANS 10252  
 INSULATION FOR HOT WATER PIPES, TANKS AND VESSELS TO BE IN ACCORDANCE WITH SANS 10400 (PART XA) AND SANS 204 (PART 4.5.2)

HOT WATER SYSTEMS TO BE COMPLIANT WITH SANS 204 (PART 4.5.2)

WATER LEGEND	
	HEAT PUMP
	RISER PIPE
	DROPPER PIPE
	COLD WATER PIPE
	HOT WATER PIPE (INSULATED)
	FIRE-FIGHTING WATER PIPE
	WATER METER
	GEYSER (200 LITERS)
	STOP COCK
	INTERNAL TAP
	THERMOSTATICALLY CONTROLLED MIXER
	FIRE-HOSE REEL
	URINALS MANUALLY OPERATED FLUSHING DEVICE

**FIRST FLOOR PLAN**  
 Scale 1:100



**SITE PLAN**  
 Scale 1:100

No:      DATE:      DESCRIPTION:      REVISION:

OWNERS SIGNATURE:      DATE:

**TOWNSCAPE DESIGNS**  
 PROJECT MANAGEMENT AND DESIGN

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PROJECT:  
**DEVIATIONS TO APPROVED PLAN No: 114/04/13 FOR J. BRAUNS, AT 149 FLORIDA ROAD, ON ERF 911, WINDERMERE, DURBAN**

DRAWING NAME:  
**SITE PLAN, FLOOR PLAN AND ELEVATIONS**

DATE: FEB 2014      SCALE: 1:100

DRAWING No: 2013-16-201D      DRAWN BY: C. HUMAN