

## GENERAL NOTES

ALL WORK TO COMPLY WITH SANS 1040 OF 2012 AND SANS 1041 OF 2012 UNLESS SPECIFICALLY NOTED OTHERWISE. DIMENSIONS ARE TO BE READ AND NOT SCALED OFF.  
 ANY DISCREPANCIES ARE TO BE REPORTED TO THE AUTHOR PRIOR TO THE COMMENCEMENT OF ANY BUILDINGSWORKS. ALL STRUCTURAL WORK TO BE DESIGNED BY A REGISTERED STRUCTURAL ENGINEER AND CONSTRUCTED UNDER HIS SUPERVISION AND APPROVAL.  
 NO WORK IS TO BE PERMITTED PRIOR TO THE PRINCIPAL OR FORMAL APPROVAL OF THE RELEVANT LOCAL AUTHORITIES AND THE RISK REMAINS WITH THE OWNER OR DEVELOPER AT ALL TIMES AND DIMENSIONS TO BE VERIFIED PHYSICALLY ON SITE BY CONTRACTOR.  
 BEACONS TO BE FLAGGED PRIOR TO COMMENCEMENT OF ANY BUILDING WORK. ALL STRUCTURAL DEMOLITION WORK TO BE SUPERVISED BY A STRUCTURAL ENGINEER.

### ENERGY EFFICIENCY IN BUILDING

OCCUPANCY	H4
TOTAL NETT FLOOR AREA	143.03m <sup>2</sup>
TOTAL FLOOR AREA	174.29m <sup>2</sup>
DESIGN OCCUPANCY TIME	24 HRS PER DAY / 7 DAYS A WK
CLIMATIC ZONE OF BUILDING	5

WALL TYPE	WALL
DOUBLE SKIN MASONRY WALL, NO CAVITY, PLASTERED INTERNALLY OR RENDERED EXTERNALLY, OR SINGLE LEAF MASONRY WALL, THICKNESS NOT <140 MM, PLASTERED INTERNALLY AND RENDERED EXTERNALLY	MASONRY
CR VALUE : 60	

DIRECTION OF HEAT FLOW	ROOF ASSEMBLY	DOWN
BASIC ROOF ASSEMBLY	CLAY ROOF TILES TYPE	
R VALUE FOR ROOF COVERING MATERIAL	2.70 M <sup>2</sup> KW	
OUTSIDE AIR	0.03	
BASIC ROOF CONSTRUCTION	CLAY ROOF TILES @ 7-13.30°	
ROOF AIR SPACE	0.22	
R VALUE FOR CEILING	0.05 M <sup>2</sup> KW	
REQUIRED ADDED R VALUE FOR INSULATION	2.29 M <sup>2</sup> KW	
ROOF VENTING	UNVENTILATED	
PLASTERBOARD	0.06	
INDOOR AIR FILM	0.16	
TOTAL R VALUE	0.47 M <sup>2</sup> KW	
MIN ADDED R VALUE INSULATION REQUIRED	2.23	
GENERIC INSULATION PRODUCT	NON-COMBUSTIBLE MINERAL WOOL INSULATION (50MM)	

HOT WATER SERVICE	DWELLING HOUSES - MEDIUM RENTAL / DAY
TYPE OF ACCOMMODATION	1201
ASSUMED HOT WATER CONSUMPT.	4
NO. OF PERSONS	4801
ASSUMED DAILY HOT WATER CONSUMPTION	1762.00 KI
ASSUMED ANNUAL HOT WATER CONSUMPTION	876.00 KI
50% ANNUAL HOT WATER CONSUMPT	INTERNAL DIA. OF HOT WATER SERVICE PIPE:50MM
INSULATION REQUIREMENTS	

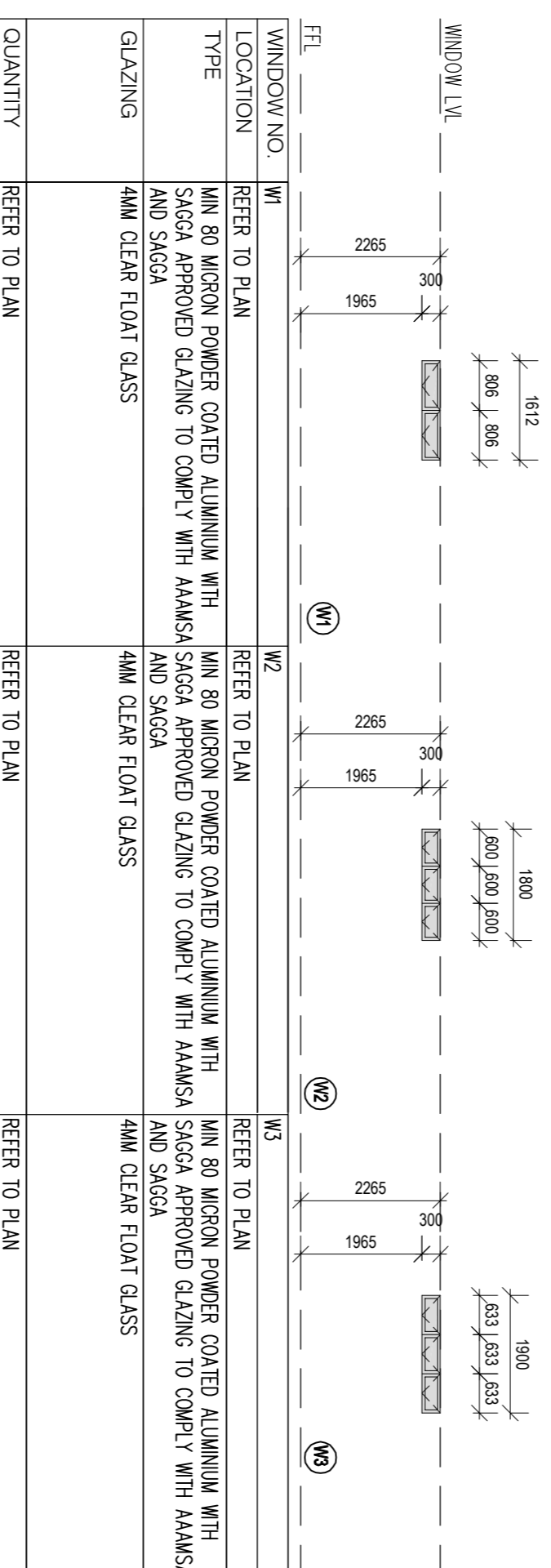
ELECTRICAL KEY
30 WATT CEILING MOUNTED LIGHT FITTING
30 WATT CEILING MOUNTED FLUORESCENT LIGHT FITTING

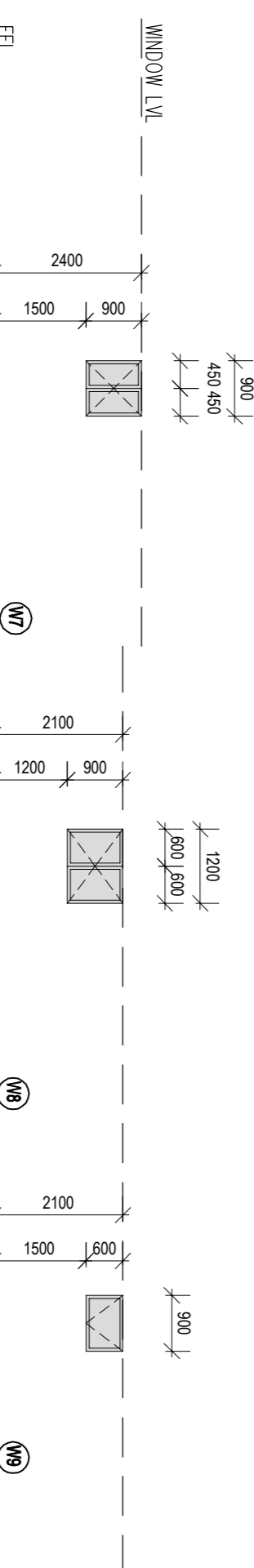
ENERGY EFFICIENCY (Main Dwelling)		
LAMP POWER RATING (W)	NO OF LAMPS	HOURS IN USE/DAY
20	17	5
PERMITTED (W) PER SQM =	5 W	
TOTAL AREA = 143.03 SQM		715.45 W
ACCEPTABLE LIGHTING REQUIREMENTS =		340 W
(LAMP TYPES INDICATED)		

### NEIGHBOURS CONSENT

NAME:	ADDRESS:	TEL NO:	SIGN:
	86 INNES ROAD		
	88 INNES ROAD		
	92 INNES ROAD		
	93 INNES ROAD		
	438 LILLIAN NGOYI ROAD		



WINDOW NO.	W1	W2	W3
LOCATION	REFER TO PLAN	REFER TO PLAN	REFER TO PLAN
TYPE	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA
GLAZING	4MM CLEAR FLOAT GLASS	4MM CLEAR FLOAT GLASS	4MM CLEAR FLOAT GLASS
QUANTITY	REFER TO PLAN	REFER TO PLAN	REFER TO PLAN



WINDOW NO.	W4	W5	W6
LOCATION	REFER TO PLAN	REFER TO PLAN	REFER TO PLAN
TYPE	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA	MIN 80 MICRON POWDER COATED ALUMINIUM WITH SAGGA APPROVED GLAZING TO COMPLY WITH AAAMSA AND SAGGA
GLAZING	4MM CLEAR FLOAT GLASS	4MM CLEAR FLOAT GLASS	4MM CLEAR FLOAT GLASS
QUANTITY	REFER TO PLAN	REFER TO PLAN	REFER TO PLAN

## GLAZING SCHEDULE

SCALE 1 : 100