

**TECHNICAL DETAILS**

- 1) LIGHTING CIRCUIT SHALL BE WIRED USING 2X1.5mmsq. SC PVC CABLE AND BE PROTECTED IN CIRCUIT WITH 10A MCB EXCEPT WHERE STATED OTHERWISE.
- 2) 13A S.S.O. SHALL BE WIRED IN RING MAINS USING 3x2.5mmsq. SC PVC CABLE AND BE PROTECTED IN CIRCUIT WITH 30A MCB EXCEPT WHERE STATED OTHERWISE.
- 3) A/C & 15A S.S.O. SHALL BE WIRED USING 3x4mmsq. SC PVC CABLE AND BE PROTECTED IN CIRCUIT WITH 20A MCB EXCEPT WHERE STATED OTHERWISE.
- 4) COOKER CONTROL CCT. SHALL BE WIRED USING 3x6mmsq. SC PVC CABLE AND BE PROTECTED IN CIRCUIT WITH 30A MCB EXCEPT WHERE STATED OTHERWISE.
- 5) WATER HEATER CIRCUIT TO BE WIRED IN RADIAL USING 3x2.5mmsq. SC PVC CABLE AND BE PROTECTED IN CIRCUIT WITH 20A MCB
- 6) SAMPLES OF ALL MATERIALS AND EQUIPMENT SHALL BE APPROVED BY THE ENGINEERS BEFORE FINAL PROCUREMENT AND INSTALLATION.
- 7) ELECTRIC MANHOLE TO BE 300x300x300mm EXCEPT WHERE STATED OTHERWISE.
- 8) ELECTRICAL CABLE DUCT TO BE (600 X 600 X 600)mm EXCEPT WHERE STATED OTHERWISE.
- 9) TELECOMS CABLE DUCT TO BE (600 X 600 X 600)mm EXCEPT WHERE STATED OTHERWISE
- 8) TELECOMS MANHOLE TO BE 300x300x300mm EXCEPT WHERE STATED OTHERWISE.
- 10.) THE ABOVE MANHOLES ARE TO BE CO-ORDINATED WITH THOSE FOR MECHANICAL SERVICES.
- 11.) ALL TELECOMMUNICATIONS CONDUIT WIREWAYS SHALL BE INSTALLED USING 25mm uPVC EXCEPT WHERE STATED OTHERWISE.
- 12.) TELEPHONE WIREWAYS SHALL BE PROVIDED WITH NYLON FABRIC DRAW-WIRES.
- 13.) CONDUITING TRUNKING AND DUCTING SHALL BE ARRANGED TO PRESENT A NEAT APPEARANCE. THEY SHALL BE PARALLEL WITH OTHER SERVICE RUNS AND WITH THE LINES OF THE BUILDING CONSTRUCTION.
- 14.) DSTV 3.0m C-BAND DISH ON ROOF SLAB.
- 15.) DSTV 0.9m KU-BAND DISH ON ROOF SLAB.
- 16.) HF/UHF COMBINED ANTENNA WITH REMOTE CONTROL DEVICE.
- 17.) 60m RADIUS INDELEG NON-RADIO ACTIVE LIGHTNING PREVENTOR.
- 18.) 90x20mm ANNEALED COPPER TAPE WITH ROUNDED EDGES DOWN CONDUCTOR SOLIDLY CONNECTED TO STEEL AND FOUNDATION REINFORCEMENT.
- 19.) 10mm<sup>2</sup> SINGLE CORE PVC CABLE AS LOAD CABLE TO FEED 1 BEDROOM FLAT
- 20.) 95mm<sup>2</sup> X 4c PVC/SWA/PVC CABLE AS FEEDER CABLE TO FEED MAIN PANEL
- 21.) 16mm<sup>2</sup> SINGLE CORE PVC CABLE AS LOAD CABLE TO FEED 3 BEDROOM FLAT
- 22.) 16mm<sup>2</sup> SINGLE CORE PVC CABLE AS LOAD CABLE TO FEED 2BEDROOM FLAT
- 23.) 35mm X 4C PVC/SWA/PVC CABLE TO FEED SUB-MAIN PANEL AT 2 BEDROOM.
- 24) MAIN LOW VOLTAGE PANEL COMPRISES OF:- 1Nos. 400A TPN, 4-P MCCB BREAKER INCOMER.  
4Nos. 63A TPN MCCB BREAKER OUTGOINGS, 4Nos. 45A TPN MCCB BREAKER OUTGOINGS.  
2Nos. 32A SPN MCCB BREAKER OUTGOINGS, SURGE PROTECTION.  
4Nos. 400A TPN COPPER BAR IN AN ENCLOSURE C/W INDICATOR LIGHT AND METERING DEVICES
- 25) SUB-MAIN LOW VOLTAGE PANEL COMPRISES OF: - 1Nos. 160A TPN, 3-P MCCB BREAKER INCOMER.  
4Nos. 63A TPN MCCB BREAKER OUTGOINGS 4Nos. 160A TPN COPPER BAR IN AN ENCLOSURE C/W INDICATOR LIGHT AND METERING DEVICES.
- 26) 20A SPN SWITCH GEAR ON THE GROUND FLOOR TO CONTROL THE WATER PUMPING MACHINE
- 27) 4-WAY TPN MCB DISTRIBUTION BOARD TO CONTROL THE COMMON FACILITIES
- 28.) 6mm<sup>2</sup> SINGLE CORE PVC CABLE TO FEED ALL COMMON FACILITIES
- 29.) ALL LOAD CABLE FROM INDIVIDUAL DB TO EACH MCB IN THE LV PANEL ON THE GROUND FLOOR
- 30.) A SET OF ALL RECENT DRAWING MUST BE AVAILBLE AT SITE AT ALL TIME
- 31.) CONSULTANT ENGINEERS TO BE CONTACTED FOR INSTALATION LEVELS OF ACCESSORIES.

Project:

**LAGOS HOMES**

- Lagos Homes Agencies:
- New Town Development Authority (NTDA)
  - Ministry Of Housing (MOH)
  - Lagos State Development & Property Corporation (L.S.D.P.C)
  - Project Implementation Monitoring Unit(PIMU)



**LAGOS STATE GOVERNMENT**



**LAGOS STATE DEVELOPMENT AND PROPERTY CORPORATION**  
 2/41 Town Planning Way, Ilupeju, Lagos  
 Email: info@sdpc.gov.ng  
 Website: http://www.wildspc.gov.ng

DEVELOPER:

NOTES & SPECIFICATION

1. THE DRAWINGS AND THE DESIGN ONLINE THEREIN SHALL BE THE PROPERTY OF THE DEVELOPER AND COPYRIGHT IS RESERVED.
2. ALL DIMENSIONS ARE TAKEN FROM CENTRE LINES UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL DIMENSIONS MUST BE CHECKED ON SITE BEFORE COMMENCING WORK. THE QUANTITIES AND OTHER CONSULTANT'S DRAWINGS SHALL BE CHECKED WITH THE ARCHITECT IMMEDIATELY AFTER THE SETTING OUT OF THIS BUILDING MUST BE REPRESENTATIVE ON SITE.
4. THE SETTING OUT OF THIS BUILDING MUST BE APPROVED BY THE ARCHITECT OR DESIGNER REPRESENTATIVE ON SITE.

REVISIONS	DATE	BY	REASON

Design by: **LAGOS HOMES SERVICES TEAM**

Scale: **1:1**

Date: **DEC. 2020**

Sheet No: **00B**  
 Drawing Code: **LH/MB/01**