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| A | | | | | | | | A |
| B | | | | | | | | B |
| C | | | | | | | | C |
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PREPARED BY:

مونenco ایران

Monenco Iran



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| REV | DESCRIPTION | DESIGN | CHK | HEAD | APPR. | DATE | SCALE: | | | |

PROJECT:

KIMUKA


400/220kV Substation

DWG. TITLE:

TECHNICAL STAFF HOUSING


ARCHITECTURAL DRAWING

CLIENT:



KETRACO

Kenya Electricity Transmission Co. Ltd.



THE WORLD BANK

IBRD · IDA | WORLD BANK GROUP

DWG. NO.:MT-TLD-KETCO-5393-DD-57-GR-309

SHEET: 1 OF 6

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3

4



5

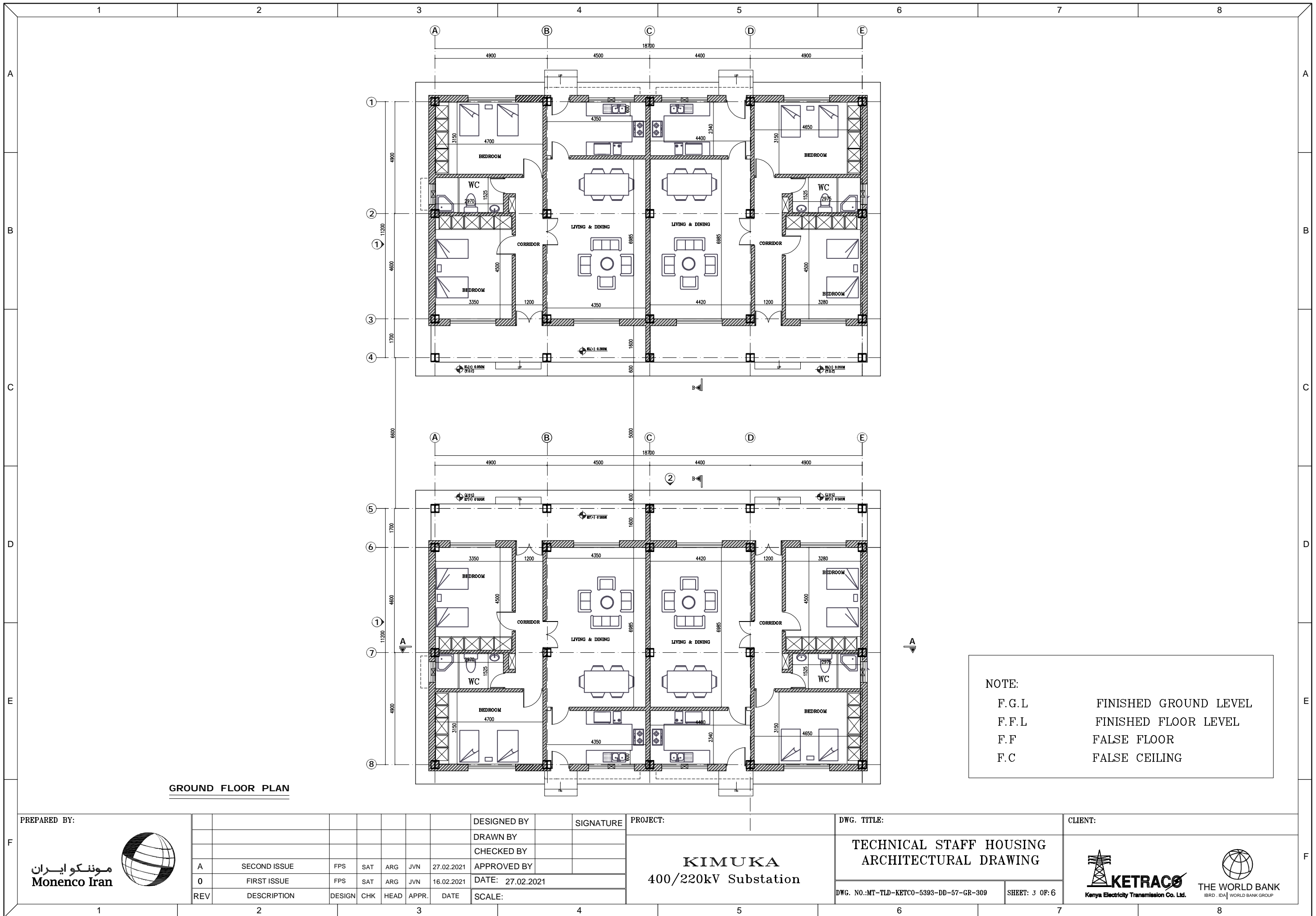
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| DESIGNATION OF | TITLE | REVISION | | | |
|----------------|--|----------|---|--|--|
| 1 | COVERING SHEET | 0 | A | | |
| 2 | INDEX | 0 | A | | |
| 3 | KIMUKA 400/220kV SS_Technical Staff Housing FLOOR PLAN ARCHITECTURAL DRAWING | 0 | A | | |
| 4 | KIMUKA 400/220KV SS_Technical Staff Housing ELEVATIONS ARCHITECTURAL DRAWING | 0 | A | | |
| 5 | KIMUKA 400/220KV SS_Technical Staff Housing SECTIONS ARCHITECTURAL DRAWING | 0 | A | | |
| 6 | KIMUKA 400/220KV SS_Technical Staff Housing FINISHING SCHEDULE & NOTE | 0 | A | | |

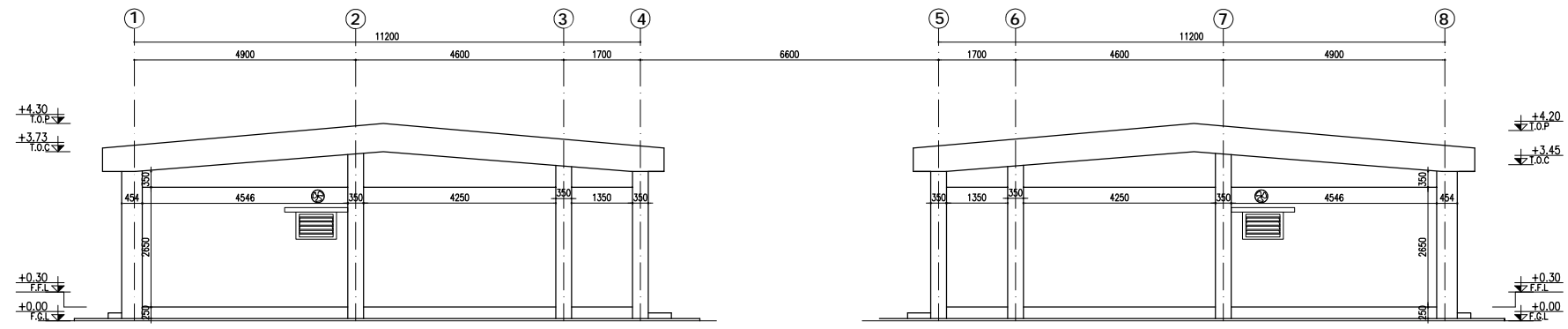
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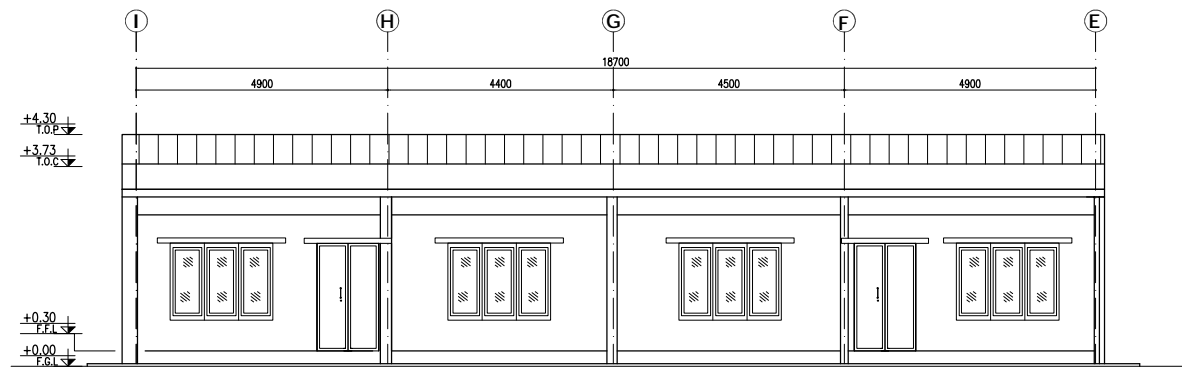
GROUND FLOOR PLAN

NOTE:
F.G.L FINISHED GROUND LEVEL
F.F.L FINISHED FLOOR LEVEL
F.F FALSE FLOOR
F.C FALSE CEILING

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| <div>مونکو ایران</div> <div>Monenco Iran</div> <div></div> | | | | | | | | DRAWN BY | | | | <div>KIMUKA</div> <div>400/220kV Substation</div> | | <div>TECHNICAL STAFF HOUSING</div> <div>ARCHITECTURAL DRAWING</div> | | <div>KETRACO</div> <div>Kenya Electricity Transmission Co. Ltd.</div> | | <div>THE WORLD BANK</div> <div>IBRD IDA WORLD BANK GROUP</div> | | | | |
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ELEVATION (1)

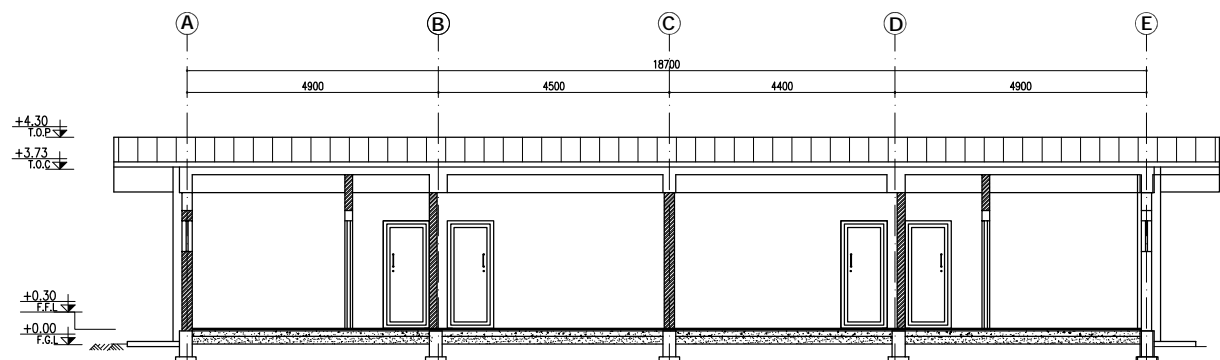


ELEVATION (2)

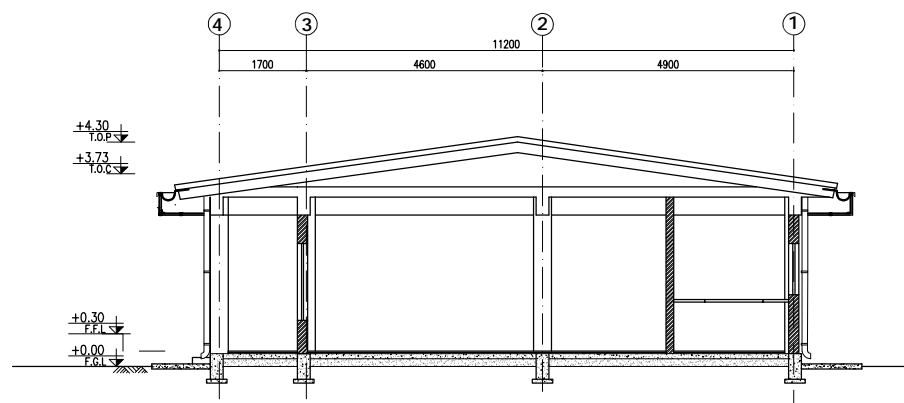
NOTES:

- 1-THE DWG. SHALL BE CHECKED WITH STRUCTURAL DWG. BEFORE CONSTRUCTION.
- 2-CONTRACTOR SHOULD CHECK AND VERIFY ALL SIZES AND DIMENSIONS BEFORE CONSTRUCTION.
- 3-ALL ELEVATIONS ARE IN METERS & DIMENSIONS ARE IN MILLIMETERS.
- 4-ABBREVIATIONS:
F.G.L FINISHED GROUND LEVEL
F.F.L FINISHED FLOOR LEVEL
T.O.R TOP OF ROOF
T.O.W TOP OF WINDOW
- 5-THE DRAWING SHALL BE CHECKED WITH GENERAL LAYOUT DRAWING.

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| 0 | | CHECKED BY | | | | 400/220kV Substation | | ARCHITECTURAL DRAWING | | THE WORLD BANK | |
| REV | | APPROVED BY | | | | DATE: 27.02.2021 | | DWG. NO.:MT-TLD-KETCO-5393-DD-57-GR-309 | | SHEET: 4 OF: 6 | |
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SECTION (A)



SECTION (B)


NOTES:

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Monenco Iran



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Monenco Iran






| INTERIOR FINISHING SCHEDULE | | | | | |
|-----------------------------|-----------------|-----------------------|--------------------------|---|--------------------------|
| ROOM NO. | ROOM NAME | FLOOR | SKIRTING | WALL | CEILING |
| G1 | LIVING & DINING | CERAMIC TILE | CERAMIC TILE (H= 100 mm) | CEMENT PLASTER WITH WHITE FLAT EMULSION PAINT | 60*60 MINERAL FIBER TILE |
| G2 | CORRIDOR | CERAMIC TILE | CERAMIC TILE (H= 100 mm) | CEMENT PLASTER WITH WHITE FLAT EMULSION PAINT | 60*60 MINERAL FIBER TILE |
| G3 | BEDROOM | CERAMIC TILE | CERAMIC TILE (H= 100 mm) | CEMENT PLASTER WITH WHITE FLAT EMULSION PAINT | 60*60 MINERAL FIBER TILE |
| G4 | WC | NONSLIP CERAMIC TILES | AS SAME AS WALL FINISHES | CERAMIC TILE | 60*60 MINERAL FIBER TILE |
| G5 | PANTRY | NONSLIP CERAMIC TILES | AS SAME AS WALL FINISHES | CERAMIC TILE | 60*60 MINERAL FIBER TILE |

FINISHING SCHEDULE

NOTE:

- 1- THE ROOF SHALL BE COVERED WITH Min. 60 MM Thick. ROOF SANDWICH PANEL.
- 2- THE DISTANCE BETWEEN GUTTER DOWN PIPES SHOULD NOT BE MORE THAN 20 M.
+THE GUTTER AND GUTTER STRAP DETAILS SHALL BE PROVIDED BY CONTRACTOR DURING EPC DETAIL DESIGN STAGE
WITH THE RELEVANT CALCULATION AS PER RAIN LEVEL AND WATER FLOW VALUE, SUBJECT TO CLIENT/CONSULTANT APPROVAL.
- 3- +ALL EXTERNAL DOORS SHALL BE MADE OF 1.5MM MIN THICKNESS ZINC-COATED STEEL SHEET WITH A PANIC LOCK.
+ALL DOOR SHALL BE FIRE RESISTANCE AND TRIPLE HINGED DOORS.
+ALL WINDOWS ARE DOUBLE GLAZED WITH HEAVY DUTY ANODIZED ALUMINUM FRAMES.

+OPENING PARTS OF WINDOWS SHALL BE FITTED WITH INSECT SCREENS AND SHALL BE BURGLAR PROOF WHERE APPLICABLE.
- 4- ALL BUILDING SHALL BE PAINTED WITH KETRACO APPROVED CLOURS.
- 5- ALL EXTERNAL WALLS SHALL BE 200 MM THICK & INTERNAL WALLS SHALL BE 150 MM THICK, UNLESS OTHERWISE INDICATED.
- 6- ALL BUILDING EXTERNAL WALL FINISHING SHALL BE CEMENT PLASTER WITH WHITE FLAT EMULSION.
- 7- ULTIMATELY, THE FINAL DOOR AND WINDOW SIZES AND DESIGN SHALL BE SUBJECT TO APPROVAL BY THE EMPLOYER'S REPRESENTATIVE.
- 8- ALL REQUIRED FACILITIES INCLUDING AIR CONDITIONING. SHALL BE CONSIDERED.
- 9-ALL MATERIALS SHALL BE OF GOOD DURABLE STANDARD,AND ALL WOOD SHALL BE PRESERVED BY AN APPROVED METHOD AGAINST FUNGAL AND TERMITE ATTACK.
- 10- THE ABOVE WORKS SHALL BE SUBMITTED BY EPC CONTRACTOR AT EPC DETAIL DESIGN STAGE FOR THE CLIENT/CONSULTANT APPROVAL.
- 11- ALL REQUIRED SYSTEMS INCLUDING WATER SUPPLY SYSTEM,PLUMBING,SEWAGE WATER SYSTEM,ELECTICAL SERVICE,LIGHTING,HVAC(FOR EACH BEDROOM AND LIVING ROOM)SHALL BE CONSIDER.
- 12-EACH UNIT SHALL BE WELL FURNISHED AS PER TECHNICAL SPECIFIATIONS.
- 13-THE EPC CONTRACTOR SHOULD ENGAGE A LOCAL ARCHITECT TO ENSURE THE HOUSES ARE ARCHITECTURALLY SOUND.
- 14-THE HOUSES SHALL CONFORM TO KENYA ARCHITECTURAL CODES AND GUIDELINES AND HAVE TO BE APPROVED BY THE LOCAL AUTHORITIES.

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