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PREPARED BY:

مونکو ایران

Monenco Iran



D	ACC. TO CLIENT COMMENT	STT	IBM	ARG	BHT	22.07.2025	DESIGNED BY	FPS	SIGNATURE
C	ACC. TO MEETING DATED: 2025/05/26	STT	IBM	ARG	BHT	31.05.2025	DRAWN BY	FPS	
B	DESIGN PROGRESS	FPS	SAT	ARG	JVN	15.06.2021	CHECKED BY	ARG	
A	ACC. TO CLIENT COMMENT SHEET DATED: 22.DEC.2020	FPS	SAT	ARG	JVN	23.12.2020	APPROVED BY	JVN	
0	FIRST ISSUE	FPS	SAT	ARG	JVN	25.11.2020	DATE:	15.06.2021	
REV	DESCRIPTION	DESIGN	CHK	HEAD	APPR.	DATE	SCALE:		

PROJECT:

KIMUKA

400/220kV SUBSTATION

DWG. TITLE:

CONTROL BUILDING


ARCHITECTURAL DRAWING

COVER

DWG. NO.: MT-TLD-KETCO-5393-DD-57-PG-163


SHEET: 1 OF: 7

CLIENT:



KETRACO

Karaye Electricity Transmission Co. Ltd.



THE WORLD BANK


IBRD . IDA | WORLD BANK GROUP

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KIMUKA

400/220kV SUBSTATION

CONTROL BUILDING ARCHITECTURAL DRAWING

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A																																																																				
B																																																																				
C	<table><thead><tr><th>DESIGNATION OF</th><th>TITLE</th><th colspan="5">REVISION</th></tr></thead><tbody><tr><td>1</td><td>COVERING SHEET</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>2</td><td>LIST OF DRAWINGS</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>3</td><td>CONTROL BUILDING ARCHITECTURAL DRAWING GROUND FLOOR PLAN</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>4</td><td>CONTROL BUILDING ARCHITECTURAL DRAWING ELEVATION (1)&(2)</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>5</td><td>CONTROL BUILDING ARCHITECTURAL DRAWING ELEVATION (3)&(4)</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>6</td><td>CONTROL BUILDING ARCHITECTURAL DRAWING SECTION (A-A) & (B-B)</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>7</td><td>CONTROL BUILDING ARCHITECTURAL DRAWING FINISHING SCHEDULE & NOTE</td><td>0</td><td>A</td><td>B</td><td>C</td><td>D</td></tr></tbody></table>								DESIGNATION OF	TITLE	REVISION					1	COVERING SHEET	0	A	B	C	D	2	LIST OF DRAWINGS	0	A	B	C	D	3	CONTROL BUILDING ARCHITECTURAL DRAWING GROUND FLOOR PLAN	0	A	B	C	D	4	CONTROL BUILDING ARCHITECTURAL DRAWING ELEVATION (1)&(2)	0	A	B	C	D	5	CONTROL BUILDING ARCHITECTURAL DRAWING ELEVATION (3)&(4)	0	A	B	C	D	6	CONTROL BUILDING ARCHITECTURAL DRAWING SECTION (A-A) & (B-B)	0	A	B	C	D	7	CONTROL BUILDING ARCHITECTURAL DRAWING FINISHING SCHEDULE & NOTE	0	A	B	C	D				
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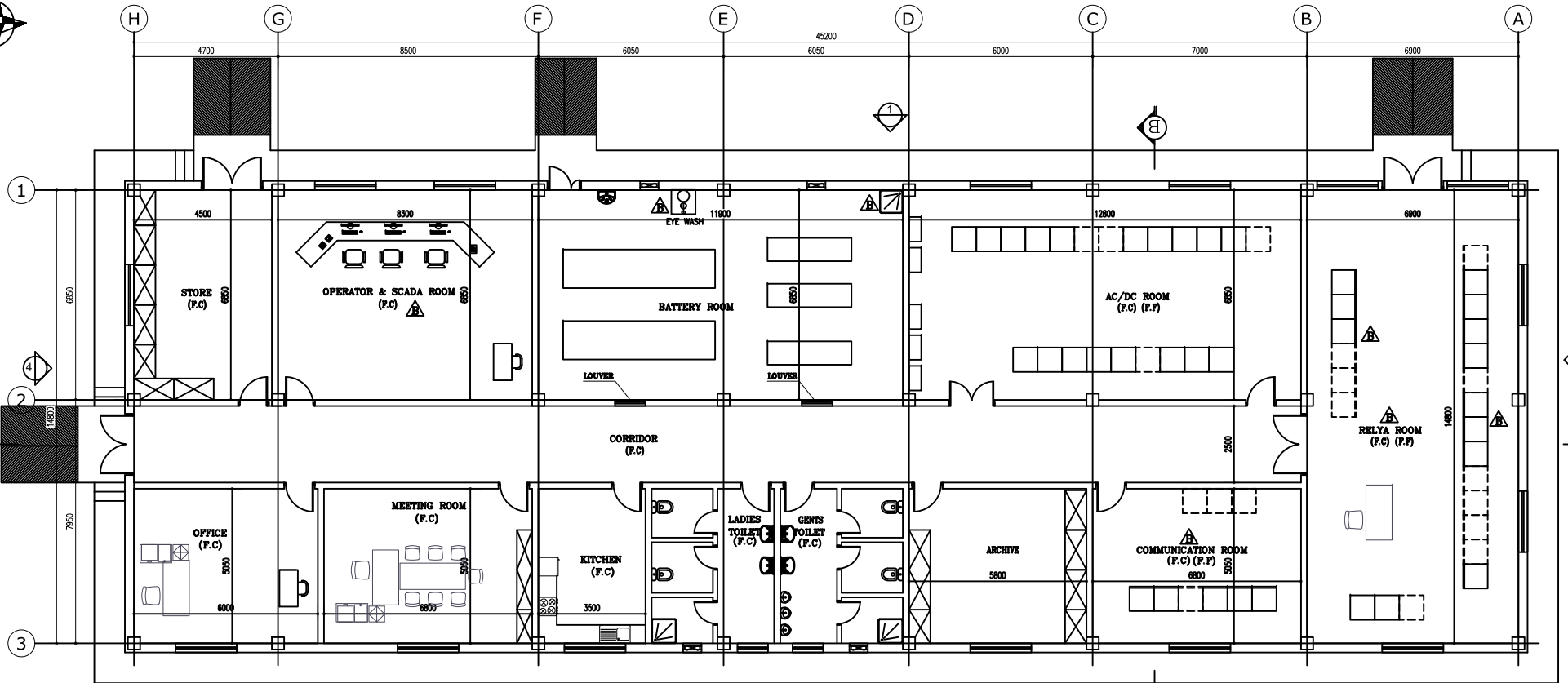
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1	COVERING SHEET	0	A	B	C	D
2	LIST OF DRAWINGS	0	A	B	C	D
3	CONTROL BUILDING ARCHITECTURAL DRAWING GROUND FLOOR PLAN	0	A	B	C	D
4	CONTROL BUILDING ARCHITECTURAL DRAWING ELEVATION (1)&(2)	0	A	B	C	D
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KIMUKA
400/220kV SUBSTATION

CONTROL BUILDING
ARCHITECTURAL DRAWING
LIST OF DRAWINGS



DWG. NO.: MT-TLD-KETCO-5393-DD-57-PG-163 SHEET: 2 OF: 7



GROUND FLOOR PLAN

NOTE:

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

PREPARED BY:

مونکو ایران
Monenco Iran



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PROJECT:

KIMUKA
400/220kV SUBSTATION

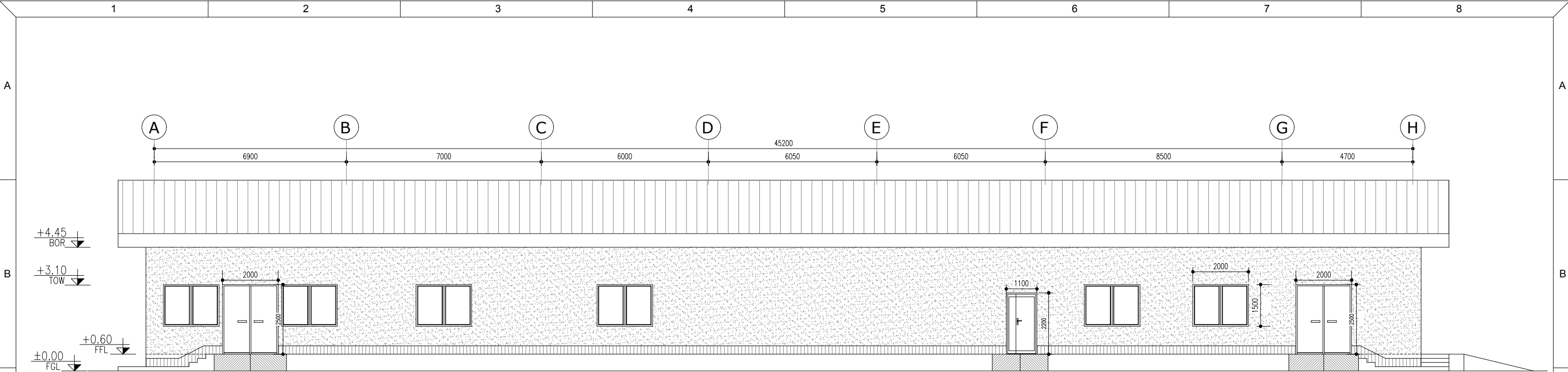
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CONTROL BUILDING
ARCHITECTURAL DRAWING
CONTROL BUILDING GROUND FLOOR PLAN

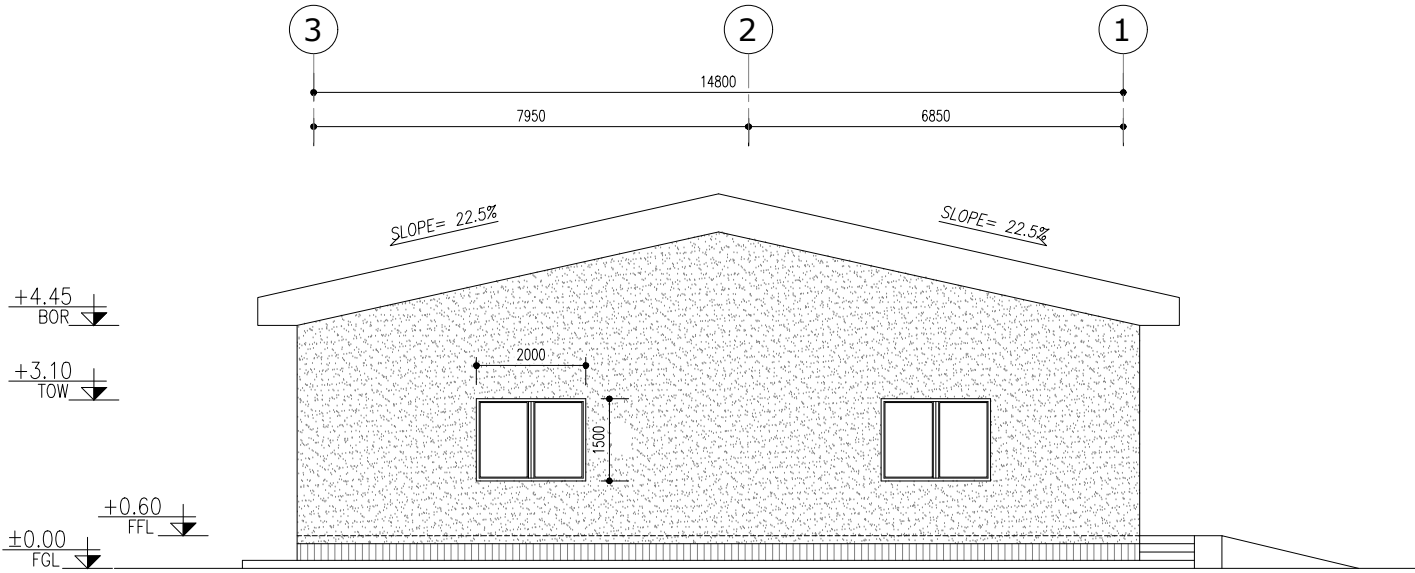
DWG. NO.: MT-TLD-KETCO-5393-DD-57-PG-163

CLIENT:








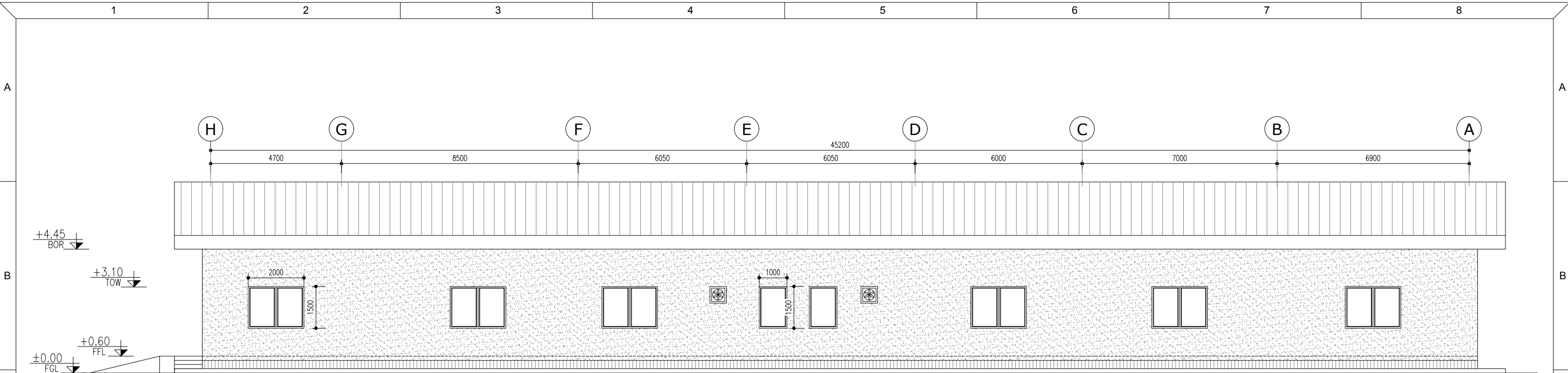
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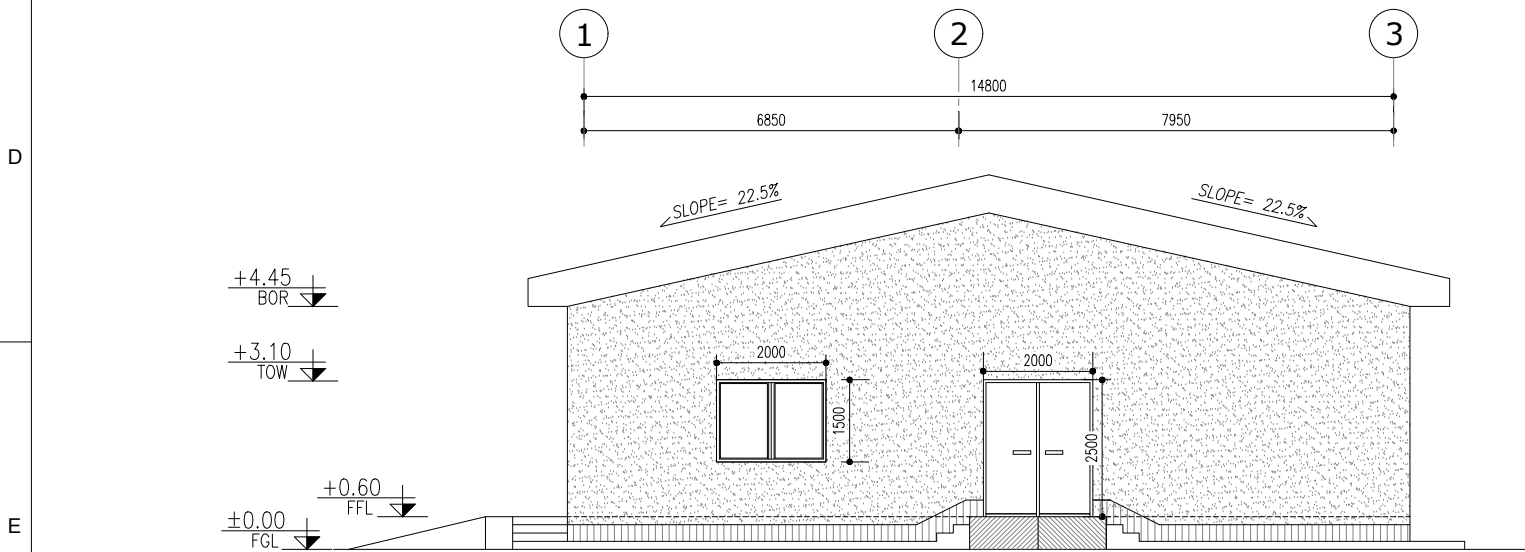
ELEVATION (2)

- NOTES:
- 1-TTHIS 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 CENTIMETERS
 - 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
 - B.O.R BOTTOM OF ROOF
 - 5-TTHIS DRAWING SHALL BE CHECKED WITH GENERAL LAYOUT DRAWING.

F	PREPARED BY: <div>مونکو ایران Monenco Iran</div> 	D	ACC. TO CLIENT COMMENT	STT	IBM	ARG	BHT	22.07.2025	DESIGNED BY	FPS	SIGNATURE	PROJECT: KIMUKA 400/220kV SUBSTATION	DWG. TITLE: CONTROL BUILDING ARCHITECTURAL DRAWING CONTROL BUILDING GROUND FLOOR PLAN	CLIENT:  KETRACO Kenya Electricity Transmission Co. Ltd.  THE WORLD BANK IBRD · IDA WORLD BANK GROUP	F		
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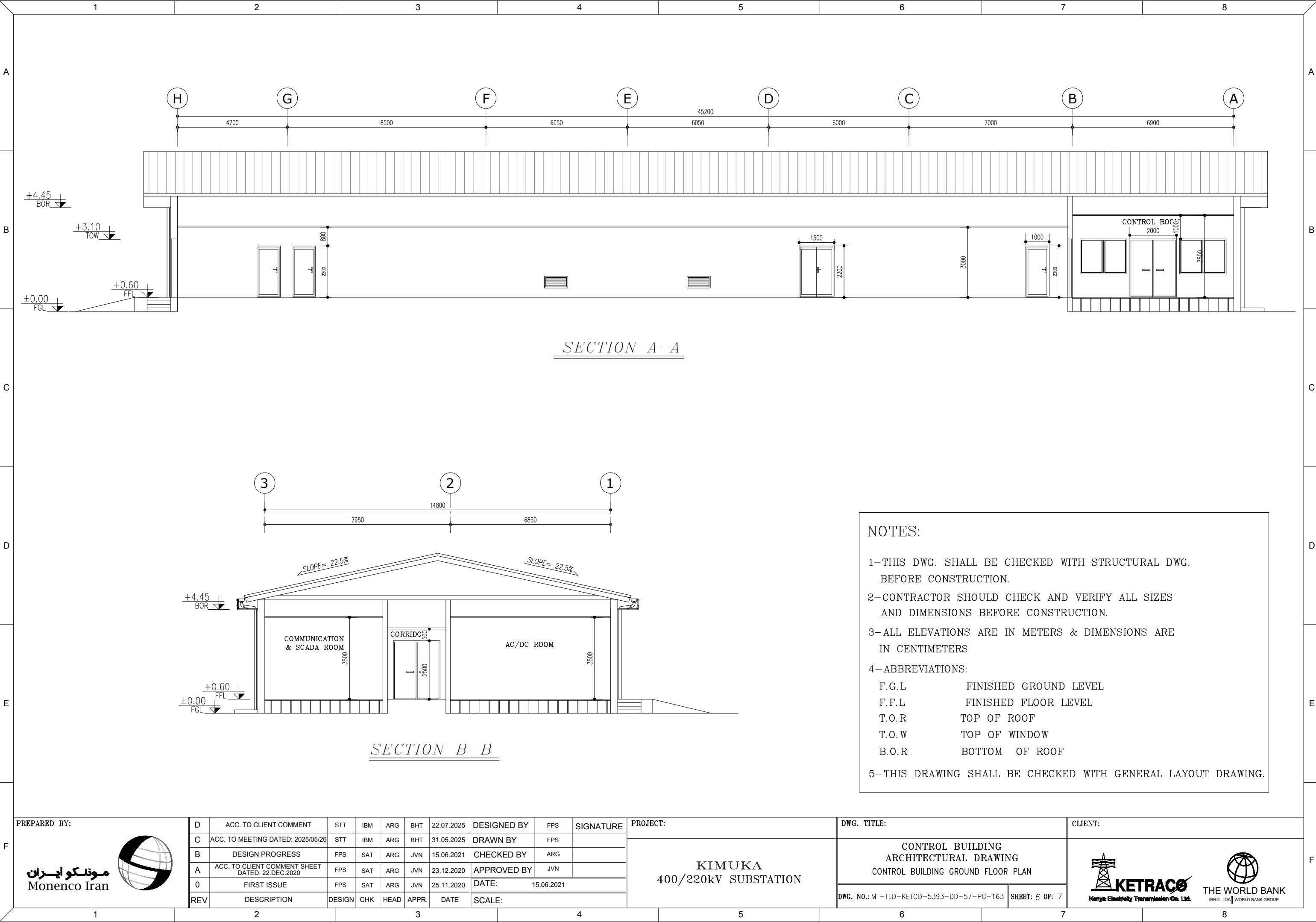
ELEVATION (3)






ELEVATION (4)










- NOTES:
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C	<u><u>FINISHING SCHEDULE</u></u>																																																																																					
D	<div><p>NOTE:</p><p>1- THE ROOF SHALL HAVE A FALSE ROOF OVER THE REINFORCED CONCRETE ROOF SLAB UTILISING ITS GALVANISED SHEETS SUPPORTED ON STEEL TRUSSES</p><p>2- THE DISTANCE BETWEEN GUTTER DOWN PIPES SHOULD NOT BE MORE THAN 20M. +THE GUTTER AND GUTTER STRAP DETAILS SHALL BE PROVIDED BY CONTRACTOR DURING EPC DETAIL DESIGN STAGE. WITH THE RELEVANT CALCULATION AS PER RAINFALL LEVEL AND WATER FLOW VALUE, SUBJECT TO CLIENT/CONSULTANT APPROVAL.</p><p>3- +ALL EXTERNAL DOOR FOR FACILITIES ACCESS PROVISION SHALL BE DOUBLE LEAF. +ALL EXTERNAL DOORS SHALL BE MADE OF 1.5MM MIN THICKNESS ZINC-COATED STEEL SHEET WITH A PANIC LOCK. +ALL WINDOWS ARE DOUBLE GLAZED WITH HEAVY DUTY ANODIZED ALUMINUM FRAMES. +WINDOWS OF TELECOMMUNICATION ROOM ONLY LET IN NATURAL LIGHT. +OPENING PARTS OF WINDOWS SHALL BE FITTED WITH INSECT SCREENS AND SHALL BE BURGLAR PROOF WHERE APPLICABLE. +THE SIZE OF THE WINDOW OPENING OF THE CONTROL BUILDING SHALL BE OF MINIMUM DIMENSIONS 1500 * 1500MM. +THE SIZE OF THE WINDOW OPENING OF THE TELECOMMUNICATION ROOM SHALL BE OF MINIMUM DIMENSIONS 1000 * 600MM.</p><p>4- ALL BUILDING SHALL BE PAINTED WITH KETRACO APPROVED COLORS.</p><p>5- ALL BUILDING EXTERNAL WALL FINISHING SHALL BE CEMENT PLASTER WITH WHITE FLAT EMULSION.</p><p>6- ULTIMATELY, THE FINAL DOOR AND WINDOW SIZES AND DESIGN SHALL BE SUBJECT TO APPROVAL BY THE EMPLOYER'S REPRESENTATIVE.</p><p>B 7- ALL EXTERNAL AND MAIN WALLS ARE MADE OF 200 MM THICK MACHINE-CUT STONES WHICH ARE THEN PLASTERED TO RECEIVE APPROVED PAINT. INTERNAL WALLS ARE USUALLY 150 MM THICK.</p><p>B 8- ALL AIR CONDITIONING EQUIPMENT AND FITTING, FIRE PROTECTION AND OTHER MECHANICAL AND ELECTRICAL FACILITIES SHALL BE PROVIDED BY CONTRACTOR DURING EPC DETAIL DESIGN STAGE.</p><p>B 9- QUANTITY AND SIZE OF CONDUITS SHALL BE FINALIZED AT EPC DETAIL DESIGN STAGE SUBJECT TO CLIENT/CONSULTANT APPROVAL. ALSO REQUIRED MECHANICAL SEALING AND FIRE STOP PROTECTION SHALL BE CONSIDERED.</p></div>																																																																																					
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F	<table><tr><td rowspan="6"><div>PREPARED BY:</div><div></div></td><td>D</td><td>ACC. TO CLIENT COMMENT</td><td>STT</td><td>IBM</td><td>ARG</td><td>BHT</td><td>22.07.2025</td><td>DESIGNED BY</td><td>FPS</td><td>SIGNATURE</td><td rowspan="6">PROJECT: KIMUKA 400/220kV SUBSTATION</td><td colspan="2">DWG. TITLE:</td><td colspan="2">CLIENT:</td></tr><tr><td>C</td><td>ACC. TO MEETING DATED: 2025/05/26</td><td>STT</td><td>IBM</td><td>ARG</td><td>BHT</td><td>31.05.2025</td><td>DRAWN BY</td><td>FPS</td><td></td><td colspan="2">CONTROL BUILDING ARCHITECTURAL DRAWING CONTROL BUILDING GROUND FLOOR PLAN</td><td colspan="2" rowspan="3"> KETRACO Kenya Electricity Transmission Co. Ltd.  THE WORLD BANK IBRD . IDA WORLD BANK GROUP</td></tr><tr><td>B</td><td>DESIGN PROGRESS</td><td>FPS</td><td>SAT</td><td>ARG</td><td>JVN</td><td>15.06.2021</td><td>CHECKED BY</td><td>ARG</td><td></td></tr><tr><td>A</td><td>ACC. TO CLIENT COMMENT SHEET DATED: 22.DEC.2020</td><td>FPS</td><td>SAT</td><td>ARG</td><td>JVN</td><td>23.12.2020</td><td>APPROVED BY</td><td>JVN</td><td></td></tr><tr><td>0</td><td>FIRST ISSUE</td><td>FPS</td><td>SAT</td><td>ARG</td><td>JVN</td><td>25.11.2020</td><td colspan="3">DATE: 15.06.2021</td><td colspan="2">DWG. NO.: MT-TLD-KETCO-5393-DD-57-PG-163</td><td colspan="2">SHEET: 7 OF: 7</td></tr><tr><td>REV</td><td>DESCRIPTION</td><td>DESIGN</td><td>CHK</td><td>HEAD</td><td>APPR.</td><td>DATE</td><td colspan="3">SCALE:</td><td colspan="4"></td></tr></table>								<div>PREPARED BY:</div> <div></div>	D	ACC. TO CLIENT COMMENT	STT	IBM	ARG	BHT	22.07.2025	DESIGNED BY	FPS	SIGNATURE	PROJECT: KIMUKA 400/220kV SUBSTATION	DWG. TITLE:		CLIENT:		C	ACC. TO MEETING DATED: 2025/05/26	STT	IBM	ARG	BHT	31.05.2025	DRAWN BY	FPS		CONTROL BUILDING ARCHITECTURAL DRAWING CONTROL BUILDING GROUND FLOOR PLAN		 KETRACO Kenya Electricity Transmission Co. Ltd.  THE WORLD BANK IBRD . IDA WORLD BANK GROUP		B	DESIGN PROGRESS	FPS	SAT	ARG	JVN	15.06.2021	CHECKED BY	ARG		A	ACC. TO CLIENT COMMENT SHEET DATED: 22.DEC.2020	FPS	SAT	ARG	JVN	23.12.2020	APPROVED BY	JVN		0	FIRST ISSUE	FPS	SAT	ARG	JVN	25.11.2020	DATE: 15.06.2021			DWG. NO.: MT-TLD-KETCO-5393-DD-57-PG-163		SHEET: 7 OF: 7		REV	DESCRIPTION	DESIGN	CHK	HEAD	APPR.	DATE	SCALE:						
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