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PREPARED BY:

مونكو ایران

Monenco Iran



								DESIGNED BY	FPS	SIGNATURE
C	ACC. TO CLIENT'S COMMENT ON MAY 7TH	FPS	SAT	ARG	JVN	03.06.2021	DRAWN BY	GMD		
B	THIRD ISSUE	FPS	SAT	ARG	JVN	13.03.2021	CHECKED BY	ARG		
A	SECOND ISSUE	FPS	SAT	ARG	JVN	05.04.2021	APPROVED BY	JVN		
0	FIRST ISSUE	FPS	SAT	ARG	JVN	06.03.2021	DATE:	03.06.2021		
REV	DESCRIPTION	DESIGN	CHK	HEAD	APPR.	DATE	SCALE:			

PROJECT:

KIMUKA

400/220kV SUBSTATION

DWG. TITLE:

BAY CONTROL ROOM


ARCHITECTURAL DRAWING


COVER

DWG. NO.: MT-TLD-KETCO-5393-DD-57-CB-355

SHEET: 1 OF: 4

CLIENT:

KETRACO
Kenya Electricity Transmission Co. Ltd.

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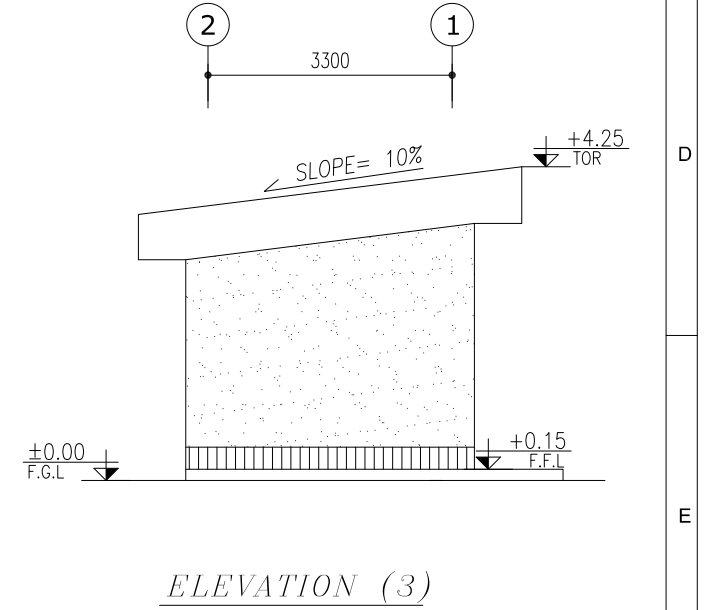
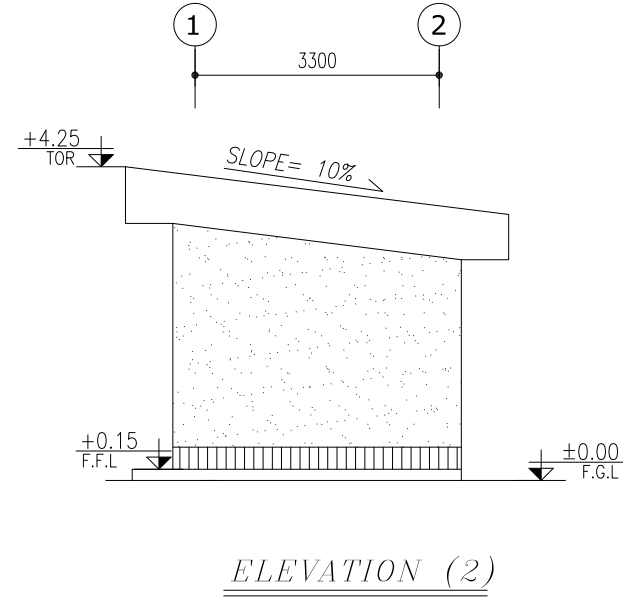
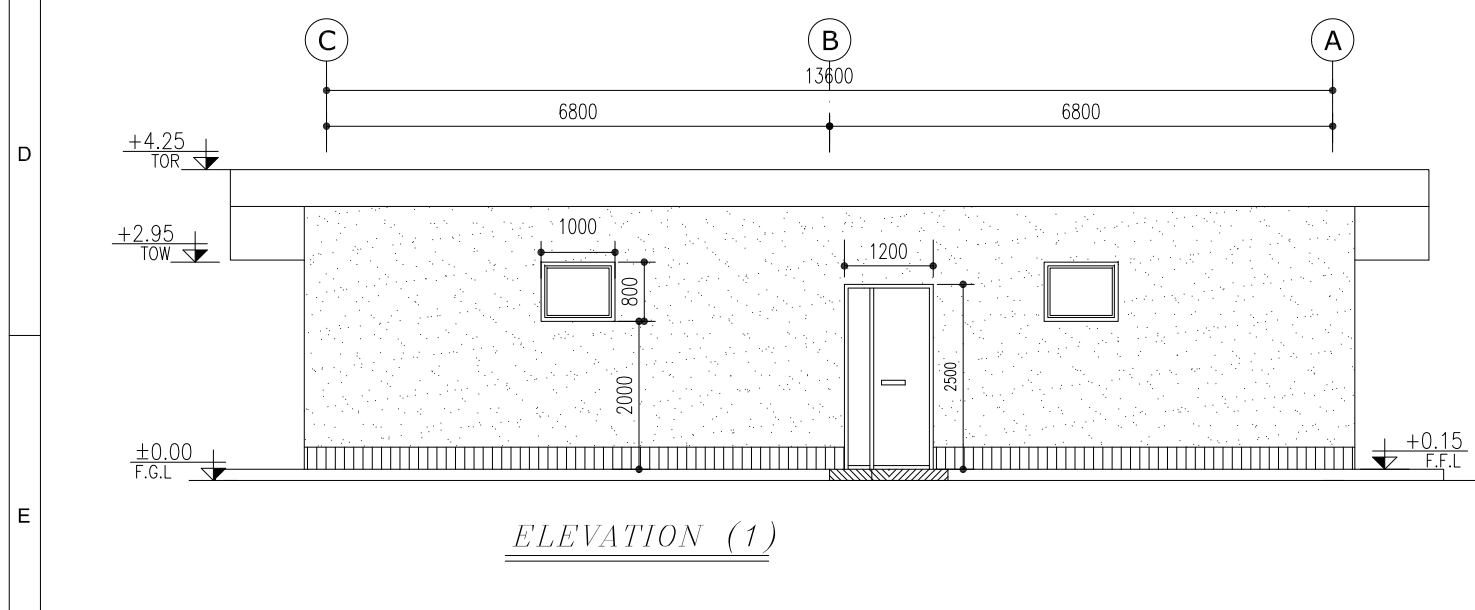
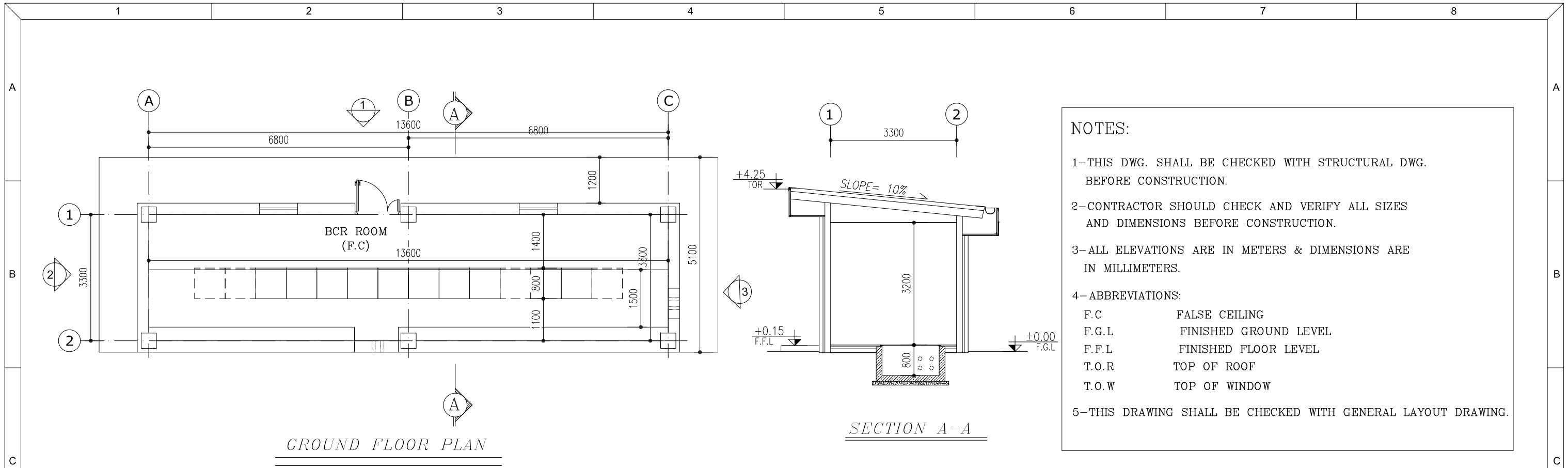
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F	PREPARED BY:								DESIGNED BY		FPS	SIGNATURE	PROJECT:	DWG. TITLE:		CLIENT:	
	C	ACC. TO CLIENT'S COMMENT ON MAY 7TH	FPS	SAT	ARG	JVN	03.06.2021	DRAWN BY	GMD								
	B	THIRD ISSUE	FPS	SAT	ARG	JVN	13.03.2021	CHECKED BY	ARG								
	A	SECOND ISSUE	FPS	SAT	ARG	JVN	05.04.2021	APPROVED BY	JVN								
	0	FIRST ISSUE	FPS	SAT	ARG	JVN	06.03.2021	DATE: 03.06.2021									
	REV	DESCRIPTION	DESIGN	CHK	HEAD	APPR.	DATE	SCALE:									
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Monenco Iran								KIMUKA 400/220kV SUBSTATION				BAY CONTROL ROOM ARCHITECTURAL DRAWING GROUND FLOOR PLAN, SECTION & ELEVATIONS		 Kenya Electricity Transmission Co. Ltd.		 THE WORLD BANK IBRD IDA WORLD BANK GROUP	

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E								
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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:

BAY CONTROL ROOM


ARCHITECTURAL DRAWING

FINISHING SCHEDULE & NOTE

DWG. NO.: MT-TLD-KETCO-5393-DD-57-CB-355


SHEET: 4 OF: 4

CLIENT:



KETRACO

Kenya Electricity Transmission Co. Ltd.



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INTERIOR FINISHING SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	SKIRTING	WALL	CEILING
G1	BAY CONTROL ROOM	CERAMIC TILE	CERAMIC TILE (H= 100 mm)	CEMENT PLASTER WITH WHITE FLAT EMULSION PAINT	60*60 MINERAL FIBER TILE

FINISHING SCHEDULE

NOTE:

1- THE ROOF SHALL BE COVERED WITH Min. 60 MM Thick. ROOF SANDWICH PANEL.

2- 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.

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 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 COLORS.

5- ALL BUILDING EXTERNAL WALL FINISHING SHALL BE CEMENT PLASTER WITH WHITE FLAT EMULSION.

6- ULTIMATELY, THE FINAL DOOR AND WINDOW SIZES AND DESIGN SHALL BE SUBJECT TO APPROVAL BY THE EMPLOYER'S REPRESENTATIVE.

7- THE INDOOR CABLE CHANNEL DIMENSIONS ARE PRELIMINARY AND SHALL BE FINALIZED DURING DETAIL DESIGN STAGE BY EPC CONTRACTOR.

8- 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.

9- ALL AIR CONDITIONING EQUIPMENT AND FITTING, FIRE PROTECTION AND OTHER MECHANICAL AND ELECTRICAL FACILITIES SHALL BE PROVIDED BY CONTRACTOR DURING EPC DETAIL DESIGN STAGE.

10- 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.

11- PANELS AND ALL METALLIC PARTS OF EQUIPMENT INCLUDING RELAYS SHALL BE EFFECTIVELY GROUNDED TO PROTECT AGAINST ELECTROMAGNETIC FIELDS CHARGE AND INTERFERENCE AS PER EMC STANDARDS SUCH AS IEC-EN-61000-4.