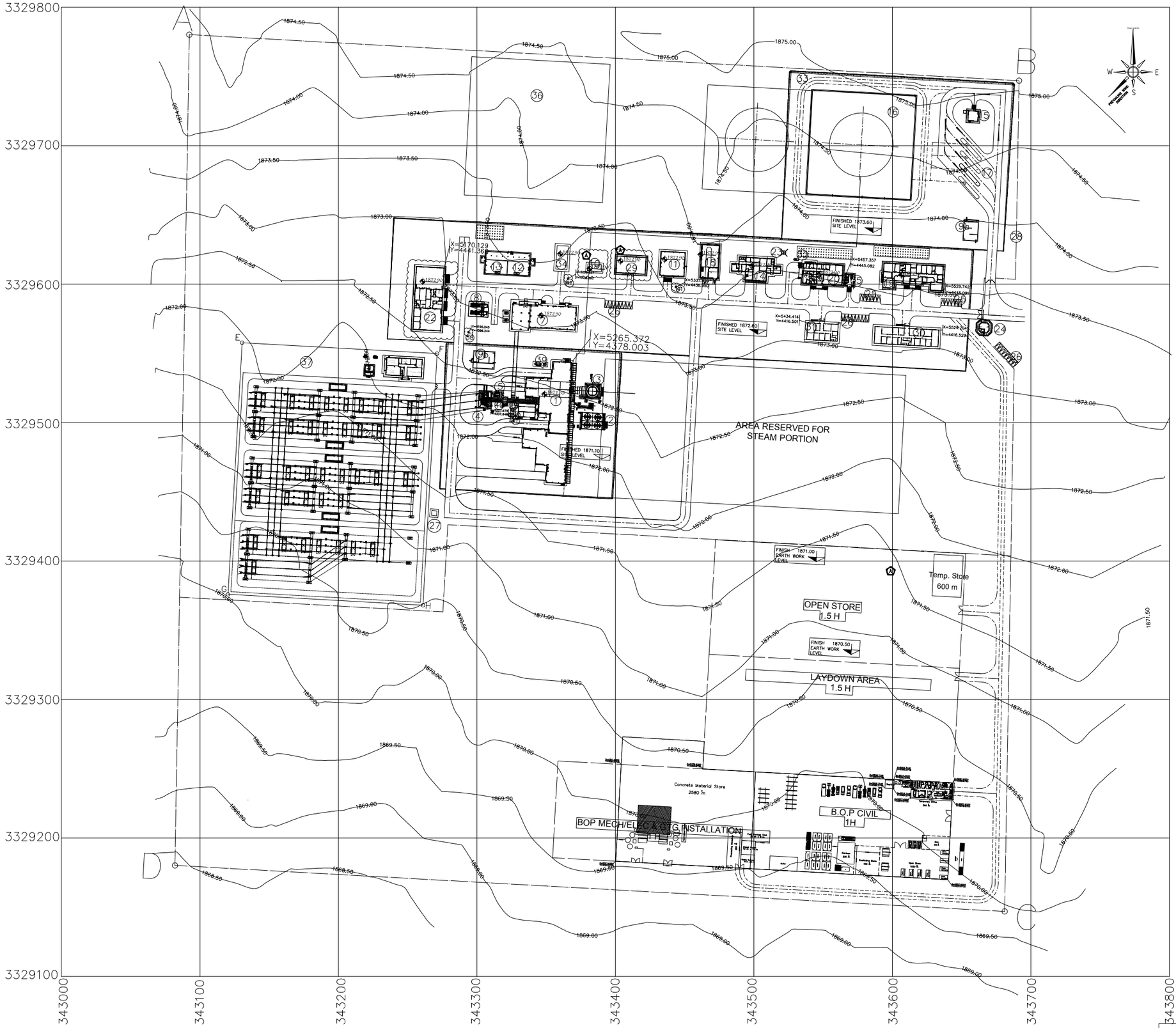

LEGEND

1. GAS TURBINE HALL
2. FIN FAN COOLER (GT)
3. BY-PASS STACK
4. GTG MAIN TRANSFORMER
5. UNIT TRANSFORMER
6. SFC, SEE & AUX. TRANSFORMERS
7. CENTRAL CONTROL BUILDING
8. DIESEL GENERATOR
9a. OIL SEPERATOR(fuel portion)
9b. OIL SEPERATOR(gas portion)
10. **SECONDARY GAS PRESSURE REDUCING STATION ✱**
11. AUXILIARY BOILER BUILDING
12. FIRE & RAW WATER
13. FIRE WATER DISTRIBUTION PUMP STATION
14. **FIRE FIGHTING STATION, FIRS AID & GUARD HOUSE**
15. FOAM STATION
16. GAS OIL STORAGE TANK
17. STATIONARY UNLOADING BAY
18. FUEL FORWARDING
19. ADMINISTRATION BUILDING
20. CANTEEN BUILDING
21. LOCAL POWER CONTROL CENTER
22. WORKSHOP & STORE BUILDING
23. ELEVATED WATER RESERVOIR
24. GATE HOUSE
25. SHELTER PARKING AREA
26. OPEN PARKING AREA
27. SEWAGE TREATMENT PACKAGE
28. GAS PORTION BOUNDARY FENCE
29. CENTRAL HEATING ROOM
30. MAPNA'S TEMPORARY OFFICE
31. CLIENT'S TEMPORARY OFFICE
32. GREASE TRAP
33. UNPAVED ROAD
34. POTABLE WATER TREATMENT BUILDING
35. CANTEEN MECHANICAL ROOM
36. MAIN GAS PRESSURE REDUCING STATION (OUT OF SCOPE)
37. 230 KV SUBSTATION AREA(OUT OF SCOPE)
38. CHEMICAL DRAIN TANK
39. IGNITION SYSTEM
40. GENERATOR CIRCUIT BREAKER
41. CHEMICAL DRAIN TANK

GREEN AREA

BOUNDARY FENCE

GENERAL NOTES

- DIMENSION OF BUILDING & EQUIPMENT ARE PRELIMINARY & WILL BE FINALIZED DURING DETAIL DESIGN.
- IN CASE OF DISCREPANCY THE SCOPE OF WORK SHALL GOVERN.
- LOCATION OF BUILDINGS/EQUIPMENT MARKED BY AN ASTERISK(✱) IS PRELIMINARY AND SHOULD BE FINALIZED LATER.

UTM	Corners	X	Y
	A	343092.370	3329780.140
	B	343691.447	3329746.873
	C	343681.070	3329146.977
	D	343081.993	3329180.229

230kV SUBSTATION COORDINATES			
UTM	Corners	X	Y
	E	343130.463	3329557.700
	F	343271.243	3329549.825
	G	343120.298	3329375.983
	H	343261.078	3329368.108

ONLY DOCUMENTS WITH ENG. SIGNATURE ARE VALID

IFI ☐ IFC ■ ☐AFC ☐FI

ENGINEER:

THIS APPROVAL OF INTERPRETATION OF THE WORK TO BE DONE DOES NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITIES.

Rev.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APPR.	DATE
C						
B						
A	REVISED AS PER LETTER NO:RF-MD2-MR-T-0029 DATED:1403/07/07 & DESIGN PROGRESS	SSJ	SSJ	RTM	MSZ	OCT 2024
0	FIRST ISSUE	SSJ	SSJ	RTM	MSZ	SEP 2024

MONENCO IN-HOUSE DOCUMENT REVISIONS						
A3						
A2						
A1	REVISED AS PER LETTER NO:RF-MD2-MR-T-0029 DATED:1403/07/07 & DESIGN PROGRESS	SSJ	SSJ	RTM	MSZ	OCT 2024
A0	FIRST ISSUE	SSJ	SSJ	RTM	MSZ	SEP 2024
Rev.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APPR.	DATE

OWNER : NATIONAL IRANIAN COPPER INDUSTRIES COMPANY (NICICO)

CONSULTANT: NIROO Consulting Engineers Co.

PROJECT : Khatoon Abad Gas Power Plant (MGT70)

TITLE : PLOT PLAN

OWNER'S DWG. NO. : MD2-RF-00-GN-C-01-PG0-001	REV. NO. : A
SCALE : – / FORMAT : A1 / FILE NO. :	SHEET: – OF: –
CONTRACT NO. : –	DESIGN STAGE : DETAIL DESIGN

MAPNA'S DWG. NO.: MD2-RF-00-GN-C-01-PG0-001

BASED ON:

SUB CONTRACTOR DOC. NO.: MD2-C-B-RFC-00C-C-A0-JG-001/A1

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