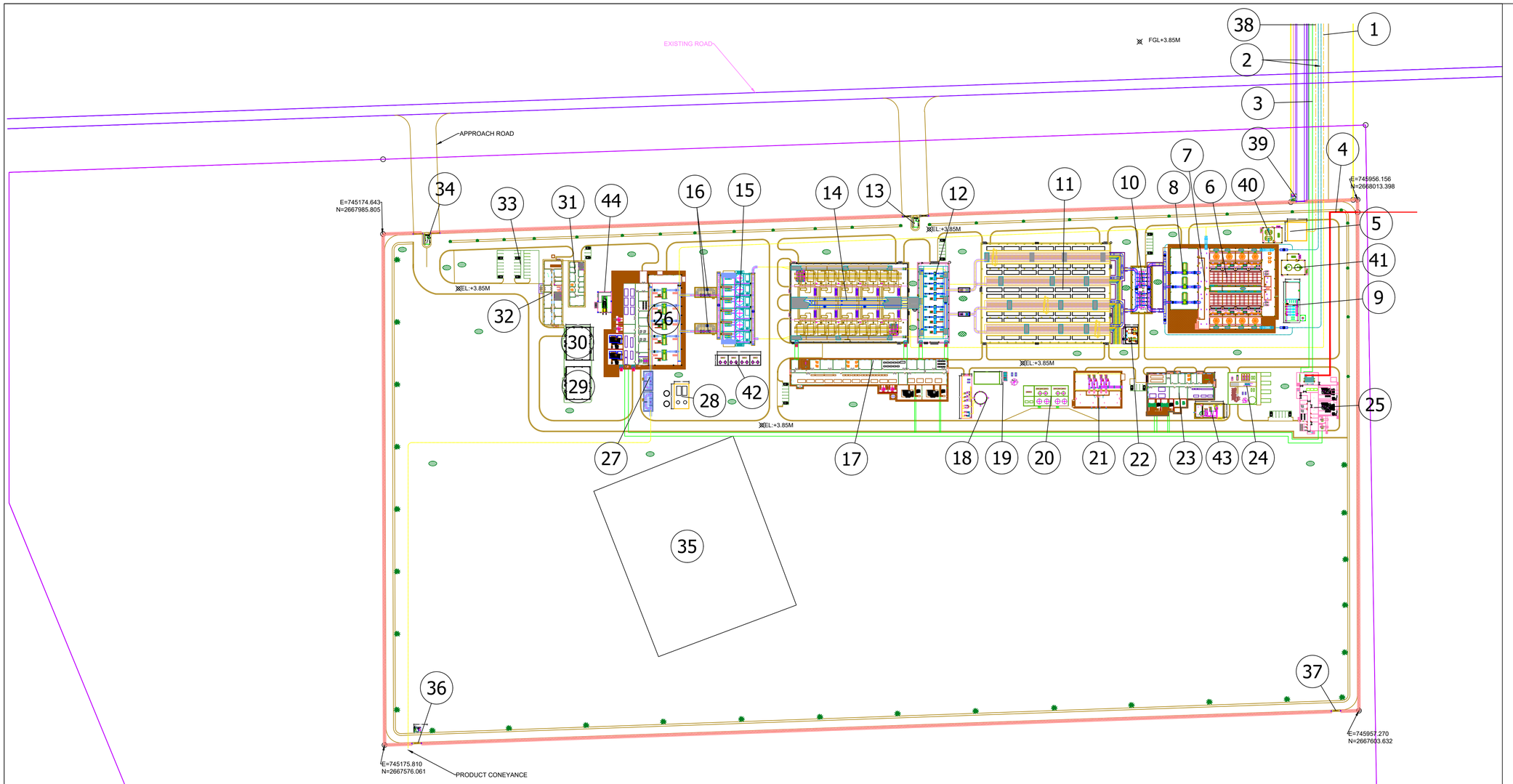


NOTES:

1. ALL DIMENSIONS AND ELEVATIONS ARE IN METERS.
2. 1.5M SHOULDER SPACE IS PROVIDED FROM FENCING TO PERIPHERAL ROAD.
3. MIN. OF 1.5M SHOULDER SPACE IS PROVIDED BETWEEN THE ROAD AND BUILDING EDGE.
4. ROAD CREST LEVEL IS +3.85M. ALL BUILDING FFL IS +4.0M
5. EXISTING ROADS ARE NOT SHOWN.
6. THIS DRAWING IS ONLY FOR TENDER PURPOSE. NOT TO BE USED FOR CONSTRUCTION.

EQUIPMENT LIST

SL.#	ITEM / UNIT DESCRIPTION	REMARKS
1	REJECT DISCHARGE PIPE LINE	..
2	INTAKE PIPE LINE 2X70% CAPACITY	..
3	33KV POWER LINE TO INTAKE AREA	..
4	220KV INCOMING POWER CABLES FROM TRANSCO	..
5	BRINE OUT FALL	..
6	DAF UNIT	..
7	DAF FILTRATE TANK	..
8	UF FEED PUMP	..
9	SLUDGE TREATMENT UNIT	..
10	SELF CLEANING FILTERS	..
11	UF UNITS	..
12	NF FEED PUMP HOUSE	..
13	GATE HOUSE	..
14	NF UNIT	..
15	DEAERATORS	..
16	PRODUCT FLOW METER	..
17	₩ KV S/S FOR NF AREA	..
18	NF FLUSHIING UNIT	..
19	CIP UNIT	..
20	CHEMICAL DOSING UNIT	..
21	UF BACK WASH UNIT	..
22	COMPRESSOR ROOM	..
23	33/11KV S/S FOR PRE-TREATMENT UNIT	..
24	SWRO UNIT	..
25	220KV GIS SUBSTATION	..
26	PRODUCT TRANSFER PUMP HOUSE - C2	..
27	PRODUCT METERING STATION	..
28	N2 GENERATION UNIT AND SURGE VESSEL	..
29	WORK SHOP	..
30	STORAGE (MEMBRANE)	..
31	MAIN CONTROL ROOM	..
32	ADMINISTRATION BUILDING	..
33	CAR PARKING	..
34	MAIN GATE	
35	EXISTING FACILITY TO BE DEMOLISHED	
36	SECONDARY GATE	
37	TEMPORARY GATE	
38	EMERGENCY OUTFALL PIPE	
39	ACCESS CONTROL GATE (ROW)	
40	ACID DOSING UNIT	
41	COAGULATION DOSING UNIT	
42	CHEMICAL DOSING FOR PRODUCT	
43	FIRE PUMP HOUSE	
44	EMERGENCY DIESEL ENGINE	

CLIENT: ADNOC	S P V : METITO / cobra / ORASCOM CONSTRUCTION	EPC CONTRACTOR: ORASCOM CONSTRUCTION / tedagua / ETROJET	PROJECT: Abu Dhabi National Oil Company Project Wave (Mirfa Plant)	DESGINED BY: SWPC	SCALE: NTS	N°: R4	DRAWING: **PLANT GENERAL ARRANGEMENT** **MIRFA SWT PLANT** **CES122-ME-GA-10101**	DATE: AUGUST-2022 SHEET 1 OF 1