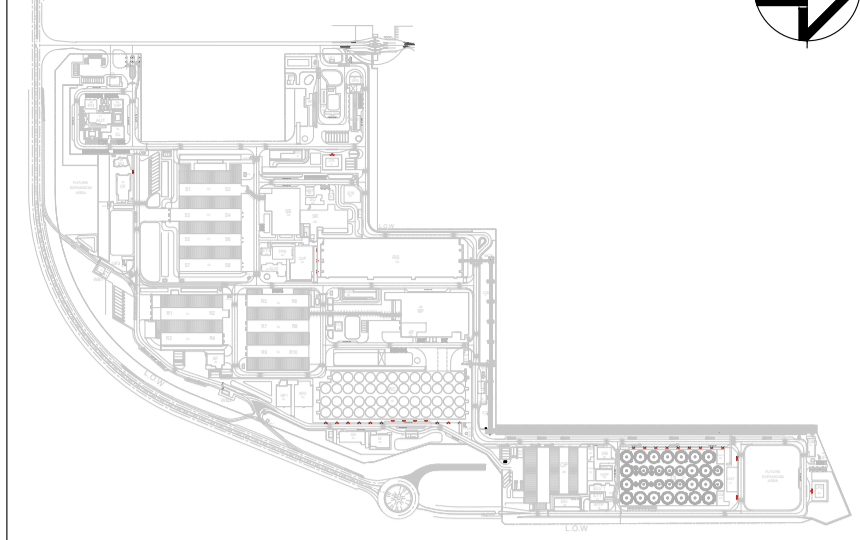


KEY PLAN



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE.
 - ALTERNATIVE MESH SIZES & WIRE SIZES ARE AVAILABLE ON REQUEST.
 - INTERMEDIATE STRAINING POSTS TO BE PLACED AT EVERY 150 METER INTERVAL.

LEGENDS & ABBREVIATIONS:

No.	CODE	DESCRIPTION	Building Footprint Area
06	RP	Rice Process - Rice Mill & Animal Feed	9805sqm
07	RCB	Rice Control Building	385sqm
12	R1-4	Warehouse Double Module Rice	11315sqm
14	RS-10	Warehouse Triple Module Rice	15587.38sqm
10	RC	Rice Silos	22296.61sqm
07	OL	Oil Bulk Storage Tanks	16251.26sqm
08	OP	Oil Processing and Deposit Plant	10786.27sqm
46	OR	Oil Refinery	588.44sqm
39	OFP	Oil Final Product tanks	630sqm
59	OFS	Bulk Oil Filling Station	138.72sqm
47	OBH	Oil Boiler House	245.25sqm
48	ONI	Oil Nitrogen & CIP System	394.85sqm
73	OCAM	Oil Compressor & MCC room	409sqm
74	OIPP	Oil Processing Pump House	138.45sqm
75	OSP	Oil South Pump House	96.06sqm
76	ONPH	Oil North Pump House	349.85sqm
77	OSt	Oil Stores Chemical & Spares	845.68sqm
15	S1-8	Warehouse Quadruple Module Sugar	20943.56sqm
16	RS	Raw Sugar Warehouse	14615.85sqm

General Buildings			
01	AU	Authorities Building	785.81sqm
02	PO	Port Operators Building	347.31sqm
03	VP	VIP Lounge	348.48sqm
04	CL	Central Laboratory Building	720.55sqm
13	CB	Marine Services Control Building	392sqm
04	CF	Cafeteria	979.76sqm
05	MJ	Masjid	307.40sqm
24	MG	Public Toilets	28.17sqm

Utility Buildings			
29	ES1	Electrical Sub Station 1	677.89sqm
30	ES2	Electrical Sub Station 2	650.57sqm
31	ES3	Electrical Sub Station 3	794.72sqm
43	ET1	ETS 1	324.86sqm
44	ET2	ETS 2	207.35sqm
45	ET3	ETS 3	207.35sqm
32	ELV1	Primary ELV	711.09sqm
33	ELV2	Secondary ELV	713.35sqm
28	IS	Main Intake Substation	790.67sqm
34	CUP	Central Unit Plant	2141.23sqm
60	TPW	TSE Raw Water Tank	842.93sqm
61	RWT	RO Rejection Water Tank	31.96sqm
22	FP	Fuel Point & Offices	124.11sqm
26	WF	Waste Facility	831sqm
64	DWI	Deep Well Injection	105.5sqm
36	WF1	Water Facilities - PW	100.15sqm
63	WF2	Water Facilities - FF	143.55sqm
37	WF3	Water Facilities - FW	188.48sqm
38	WF4	Water Facilities - Seawater	37.26sqm
40	WTP	Wastewater Treatment Plant	497.66sqm
42	LPG	LPG Tank	337.50sqm
49	GH	Generator House	918.57sqm
70	FT	Fuel Tank	101.50sqm
53	UF1	U.F. - Pumping Stations PS10	40.00sqm
53	UF2	U.F. - Pumping Stations PS5	9.03sqm
54	UF3	U.F. - Proposed Pumping Stations PS40	16.52sqm
55	UF4	U.F. - Proposed Pumping Stations PS30	16.52sqm
56	UF5	U.F. - Proposed Pumping Stations PS50	9.03sqm
57	UF6	U.F. - Proposed Pumping Stations PS20	16.52sqm
59	UF7	U.F. - Proposed Oil Interceptor	15.31sqm
71	UF8,9	U.F. - Proposed Oil Interceptor	35.60sqm
72	UF10	U.F. - Proposed Oil Interceptor	15.31sqm

Inbound / Outbound Structures			
21	AG	Access Complex & FCC	83.71sqm
17	WB1	Weighbridge 1	156sqm
18	WB2	Weighbridge 2	75sqm
19	WB3	Weighbridge 3	77sqm
20	WB4	Weighbridge 4	74sqm
51	SK	Security Checkpoint - Internal (11 B.)	23sqm (x11)
52	SKP	Security Checkpoint - Pedestrian (2 B.)	20sqm (x2)
69	SKPM	Security Checkpoint - Pedestrian / Main	277sqm
23	MW	Maintenance Workshop	1048.18sqm
78	SFS	Spares parts storage and shade	415.34sqm
79	CSB	Customs Building	42.83sqm
80	GB	Guard Booth (4 No.)	7sqm (x8)
81	M&C	M&C Building	128.7sqm
82	MCI	MCI Building	55.6sqm

Area Calculations			
	Plot Area		497.924sqm
	Building Footprint Area		647,836.45sqm
	Building Under ground		3674.1m ²
	Building Footprint Area - Under ground		651,610.55sqm
	Future Expansion Area		8,862sqm
	Pavement - Light Duty Interlock		108,068.15sqm
	Landscaping		20,443.89sqm
	Gravel		53,340.63sqm
	Heavy Duty of Quay Wall		20,431sqm
	Heavy Duty Interlock Pavement		13,593.55sqm
	Fire hand stand area (paint)		4,875.63sqm
	Road Asphalt		112,682sqm

NOTE: The Area Calculation include areas external to the LOW where necessary

General			
EE	Emergency Exit Gates		
SE	Secondary Entry/Exit Point for Services		
L.O.W	Limit of Works		
Q1-2	Quay number		
	Canopy / Roofing		
UF	Underground Facilities		
	Fence External / Existing		
	Fence External / New		
	Main Access Points / Gates		
	Land External to Plot (Existing Soil)		
	Sea		

DRAWING REFERENCE

NPP0085-JEC-DD-AR-DWG-0002	MASTER PLAN-GENERAL LAYOUT
NPP0085-JEC-SD-AR-DWG-0010-0012	MASTER PLAN, ZONING KEY PLAN AND ZONE

DRAWING HISTORY

REV	DATE	STATUS	CSRC / REF.
0	11-07-2023	IFA	

CLIENT

وزارة المواصلات
Ministry of Transport
دولة قطر - State of Qatar

CLIENT PROJECT TEAM

مشروع ميناء حمد
HAMAD PORT PROJECT

PROGRAM MANAGEMENT CONSULTANT

دورش قطر
Dorsch Qatar

CONTRACTOR

AL JABER
ENGINEERING
هندسة الجابر

CONTRACTOR DESIGN CONSULTANT

MZR

INDEPENDENT ENGINEERING CONSULTANT

CEG
INTERNATIONAL

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PROJECT TITLE
NPP/0085 STRATEGIC FOOD SECURITY FACILITIES (SFSF)
DRAWING TITLE
MASTER PLAN
GENERAL LAYOUT

DWN	CHKD	REWD	APPR	DATE
SH	WA	HH	HH	11 JULY 2023
<i>SH</i>	<i>WA</i>	<i>HH</i>	<i>HH</i>	

CAD REF:	ORIG SIZE SCALE	A1 1:2250
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DWG STATUS: SHOP DRAWING

DRAWING NO.	SHEET	REV
NPP0085-JEC-SD-AR-IF-DWG-80000	01 OF 13	0

RESERVED - POTENTIAL FUTURE EXPANSION FOR GRAIN FLOUR OPERATION (40000 SQM)

GRAIN FLOUR OPERATION