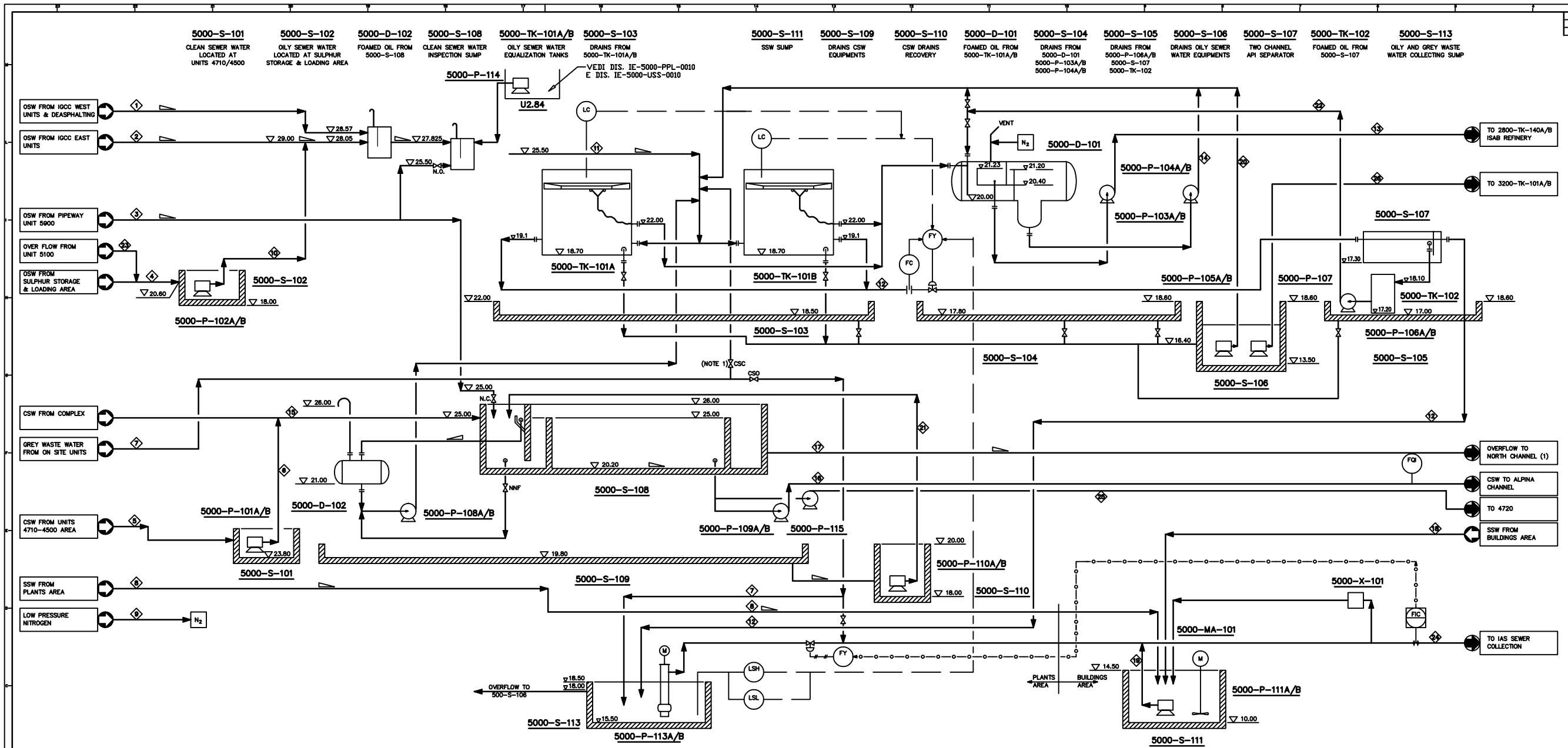

NOTES

1) EMERGENCY ONLY
2) ALTITUDES ARE IN METERS ABOVE SEA LEVEL

DISEGNI DI RIFERIMENTO – Reference drawings	N.

	5000-P-101A/B	5000-P-102A/B	5000-P-103A/B	5000-P-104A/B	5000-P-105A/B	5000-P-107	5000-P-108A/B	5000-MA-101	5000-P-106A/B	5000-X-101	5000-P-109A/B	5000-P-115	5000-P-110A/B	5000-P-111A/B	5000-P-113A/B
	CLEAN SEWER WATER FROM UNITS 4710–4500	OILY SEWER WATER FROM SULPHUR STORAGE & LOADING AREA	OILY WATER FROM D-101	SLOP OIL FROM D-101	OILY DRAINS RECOVERY TO EQUALIZATION TANKS	WATER FROM S-106 TO 3200-TK-101-A/B	OILY DRAINS FROM 5000-D-102	SSW SUMP MIXER	OIL TRANSFER PUMPS	SAMPLING STATION	CSW TO ALPINA CHANNEL	UW TO 4720	DRAINS RECOVERY TO 5000-S-107	SSW TRANSFER PUMPS	WASTE WATER TO IAS TRANSFER PUMPS

STREAM	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔ (2)	㉕	㉖
FLUID	OSW	OSW	OSW	OSW	CSW	CSW	OSW	SSW	N_2	OSW	OSW	OSW	SLOP OIL	OSW	OSW	CSW	CSW	OSW	SSW	OSW	CSW	OSW	OSW	WASTE WATER	UW	OSW
FLOW RATE Norm./Max t/h	0/(1100)	0/(700)	0/(600)	0/(88)	100	100)/(200	90/115	0/6	10 (1)	0/153	0/2400	89/114	(0)/(8)	(0)/(2)	200)/(3052	500)/(800	(0)/(3052	0/6	6/12	100)/(200	15)/(15)	0/1	0/151	170/204	(10)	(70)
FLOW RATE Daily/Max t/d	8380	5333	4572	–	–	–	2760	30	240 (1)	0	18285	2136	–	–	23253	19200(3)	–	30	30	–	–	–	–	4896	(240)	(1680)
OPERATING TEMPERAT. °C	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
DESIGN TEMPERAT. °C	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
OPERATING PRESSURE bar g	0	0	0	0	0	1.96	0	0	6.5	2	0	0	6.0	1.2	0	4	0	0	2.2	1.96	1.6	1.2	0	2	8	6.9
DESIGN PRESSURE bar g						3			11.5	3		–	8.0	3		6			3	3	3	3		6	11	12
DENSITY	1000	1000	1000	1000	1000	1000	1000	1000	–	1000	1000	1000	900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

( ) DISCONTINUOS OR INTERMITTENTING FLOW RATE
(1) FLOW RATE IN Nm^3/h
(2) MAXIMUM FLOW RATE TO IAS IS 204 m^3/h
THE FLOW RATE OF STREAM ㉔ SHALL BE REGULATED CONSEQUENTLY
(3) CONSIDERING STREAM ⑭ 800 t/h

REVISION	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED
6	12-09-22	MODIFICATA DESCRIZIONE SU APPARECCHIATURA 5000-S-113	S.F.	L.L.	D.R.
7	09-12-11	REVISED FOR CONSTRUCTION CODIL 911/920	VPE	C.T.	S.C.
8	28-07-11	CODIL 8.06/900 – ALIMENT. 3200 TK-101A/B CON H2O DA 5000	FPC	FPC	FPC
5	23-04-10	REVISED AS BUILT	PETRUZA	SCHILLACI	FORTUNA
4	20-04-09	GENERAL REVISION	RUFFOLO	BETTINO	LA SANTRA
3	02-04-07	GENERAL REVISION	M.A.	RUFFOLO	BETTINO
2	23-01-06	REVISED AS PER LIST OF GREEN COMMENTS	M.A.	RUFFOLO	BETTINO
1	22-09-05	GENERAL REVISION	M.A.	MODICA	BETTINO
0	02-09-05	ISSUE	M.A.	MODICA	BETTINO

Consorzio Snamprogetti - Foster Wheeler Energy

ISAB Energy S.r.l.

IGCC PROJECT Priolo (SR) - ITALY
UNIT 5000

SEWAGE WATER SYSTEM
PROCESS FLOW DIAGRAM Sh. 1 of 1

Approved for Construction
DWG Rev. : Date :
Signature

JOB/Contract N. : 30400

THIS DWG. SUPERSEDES | SCALE

THIS DWG. SUPERSEDED BY

Dwg. N° 5000-GD-B-86220 | Rev. 6
Sheet 1 of 1

This document belongs to Consorzio Snamprogetti – Foster Wheeler – Energy and is confidential and shall be used according to the provisions of the Contract for IGCC Power Plant – Priolo (SR) – Italy, dated

FILE: B5220_AJ-GDB-15/09/06-M.A. PROGETTI