ps0.dgn 18-Mar-1996

TRUE NORTH / PLANT NORTH — 25.3°

TEMPORY STORMWATER PUMPING CHAIMBER

ANGLIAN PUMPING COMPOUND

STORM WATER

FOUL SEWAGE

WASTE HEAT SUPPLY TO WINGLAND IND. ESTATE

ELECTRICAL SUPPLY TO WINGLAND IND. ESTATE

WINGLAND COMPOUND

ANGLIAN POTABLE WATER

CL COL. INTERSECT E 849268 N 321723

BOUNDARY FENCE N.349000

GATE HOUSE 46

CL. ROAD N. 338500

PLANT ACCESS ROAD

BOUNDARY FENCE E.665000

CL. ROAD E.677500

CL.COL. E.747500

CL.COL. N.329500

CL.COL. N.329865

WATER TREATMENT BUILDING 27

WAREHOUSE/ MAINT. BUILDING 28

ADMIN. BUILDING 39

HRSG 1A E 700000

HRSG-1B E 736000

CL ROAD E.720500

CL ROAD E.753000

CL ROAD E.796000

CL.COL. E.802000

FUEL RECEPTION FACILITY AND BOUNDARY FENCE BY ENRON

N.286200

CL. STEEL N 270196

IMPORT GAS

FUEL GAS RECEPTION AREA

IMPORT GAS TIE-IN

PIPE BRIDGE

E.624300

GAS TURBINE-01 CL. TURBINE INLET DUCT. N 232138

CL. GENERATOR N.224850

GAS TURBINE 02 CL. TURBINE INLET DUCT. N 232138

N.216200

PLANT DATUM CL COLS. GRID N,12. E 800000 N 250000 EL 100000

E.817200

N.264549

CL. ROAD E.907500

BOUNDARY FENCE E.915000

O/HEAD CRANES 86

DOWN AREA

T/FORMERS N.197000

DELUGE CABINET (TYP)

CL E.711225

CL E.724225

CL E.747225

CL E.781225

CNM-CND-1 AIR COOLERS 42

CL. ROAD N.171500

BOUNDARY FENCE N.164200

FIN FAN COOLERS 33

CL GANTRY N 153212

BANKING STATION EQUIPMENT AND BOUNDARY FENCING BY NGC

CL STEAM TURBINE EXH. DUCT E.771700

N.234750

CL STEAM TURB. EXHAUST DUCT

CONTAINMENT KERB

MATCHLINE N 250000

MATCHLINE N 220000

MATCHLINE E 753000

MATCHLINE E 800000

LAY DOWN AREA

PLAN AT GRADE

DROP DOWN AREA

PLAN AT MEZZANINE LEVEL EL. 104600 T.O.S.

ID NO	EQUIP NO	DESCRIPTION
1	ST/TURB	STEAM TURBINE
2	GT01	GT01 GAS TURBINE
2	GT02	GT02 GAS TURBINE.
3	GT01-ACC.	GT01 ACCESSORY MODULE
3	GT02-ACC.	GT02 ACCESSORY MODULE
4	GT01 E-025C	GT01 WATER WASH SKID
4	GT02-E-025B	GT02 WASH WATER SKID.
6	CO2 SKID 1A	STORAGE UNIT & CONTROL
6	CO2 SKID 1B	STORAGE UNIT & CONTROL
7	CNX-Z-002	AUX. BOILER/CL/CW/DOSSING SKID
8	FWS-P-001A	HP/IP BOILER FEEDWATER
8	FWS-P-001B	HP/IP BOILER FEEDWATER
8	FWS-P-001C	HP/IP BOILER FEEDWATER
8	FWS-P-001D	HP/IP BOILER FEEDWATER
9	CNM-P-002A	ECONOMIZER REC.PUMP
9	CNM-P-002B	ECONOMIZER REC.PUMP
9	CNM-P-002C	ECONOMIZER REC.PUMP
9	CNM-P-002D	ECONOMIZER REC.PUMP
10	BBD-TK-001A	HRSG ATMOS B/D TANK
10	BBD-TK-001B	HRSG ATMOS B/D TANK
11	WDD-TK-001	DEMIN WATER TK (COND
12	WWS-TK-001	WASTE WATER SURGE TANK
13	WWS-Q-001	NEUTRALIZATION SUMP
14	NWS-TK-001	RAW WATER/FIRE WATER
15	PEX-1	WWS-OS-001 OILY WATER SEPARATOR SUMP
16	WWS-Q-002	OILY WASTE SUMP
17	IAS-C-001B	AIR COMP. PKG.
18	SAS-TK-001	SERVICE AIR RECIEVER
19	CNM-TK002	COND. DR/FLASH TANK
21	ABF-DA-001	AUX. BOILER DEAERATOR
21	ABF-P-001A	AUX BOILER FEED PUMP - BY VENDOR
21	ABF-P-001B	AUX BOILER FEED PUMP - BY VENDOR
22	ABW-B-001	AUX. BOILER PKG.
23	BDD-HX-001A	ATMOS B/D TANK COOLER
23	BBD-HX-001B	ATMOS B/D TANK COOLER
25	L.O. 001	L.O. & S.O. TANK
26	GT01-PEECC	GT01 PEECC MODULE.
26	GT02-PEECC	GT02 PEECC MODULE.
27		TANKER OFF LOADING
28		WATER TREATMENT BUILDING
29		MAIN & WORKSHOP AREA
30		WAREHOUSE AREA
31	CNM-TK-001	CONDENSATE RECEIVER TANK
32	CCW-P-001A	CLOSED COOLING WATER PUMP
32	CCW-P-001B	CLOSED COOLING WATER PUMP
33	CCW-HX-002	FIN FAN COOLER
34	GT01-AIR	GT01 AIR PROC. UNIT.
34	GT02-AIR	GT02 AIR PROC. UNIT.
36	WWS-P-003A	EFF. COOLING PUMPS
36	WWS-P-003B	EFF. COOLING PUMPS
37	WWS-P-001A	OILY WATER SUMP PUMP
38		FUEL GAS HEATER
38		PRS HOUSE
39		ADMIN. BUILDING
40	CNM-P-001A	CONDENSATE PUMP
40	CNM-P-001B	CONDENSATE PUMP
40	CNM-P-001C	CONDENSATE PUMP
41		ACCUSTIC ENCL.
42	CNM-CDM 001	AIR COOLED CONDENSER
43	GT01-SOS	GT01 SEAL OIL SKID
43	GT02-SOS	GT02 SEAL OIL SKID.
44	EGS-G-1	EMERGENCEY DIESEL
46		GATE HOUSE
47	GPR-1	GAS PRESSURE REDUCTION
48	P/HTR-1A	PRE-HT. EXCHANGER
48	P/HTR-1B	PRE-HT. EXCHANGER
49	CNM-P-003A	FLASH DR/TK. PUMP
49	CNM-P-003B	FLASH DR/TK PUMP
49	CNM-P-003C	FLASH DR/TK. PUMP
50	EC-01	EXCITATION COMPARTMENT
50	EC-02	EXCITATION COMPARTMENT
51	CB-02	CIRCUIT BREAKER
51	CB01	CIRCUIT BREAKER
52		TRANSFORMER COMPOUND
53		400KV. SWITCH YARD
54	FNE/FLT-1A	NATURAL GAS FILTRATION
54	FNE/FLT-1B	NATURAL GAS FILTRATION
55		S.O. SKID
56	HYD. PWR.	HYD. POWER PACK UNIT
57	GSC-1	GLAND CONDENSER
58	CCW-HW-001	WINGLAND HEAT EXCHANGER.
59	BAC	BUS ACCESSORY COMPARTMENT
60	HRSG-1A	HT. RECOVERY STEAM GEN.
60	HRSG-1B	HT. RECOVERY STEAM GEN.
61		CONTROL ROOM
62	HOLDG. UNIT	INTER/AFTER-CONDERSER/HOL
62	HLDG.UNIT B	INTER/AFTER-CONDERSER/HOL
62	START-UP-UN	HOGGING-EJECTOR/SILE
63	CCW-TK-001	CLOSED C.W.EXPANSION TANK
64	T-001	I.D.C.TOWER
66		TRANSFORMER OIL SUMP
67		WASH WATER SUMP
68	CNX-Z-001	AMINE & OXY.SCAV.SKID
69	MBH-Z-001A	PHOSPHATE DOSING SKID
70	MBH-Z-001B	PHOSPHATE DOSING SKID
71	IAS-TK-001	INSTRUMENT AIR RECEIVER
72	IAS-DRY-001A	AIR COMP DRYERS
73	SAS-C-001A	AIR COMP. PKG.
74	IAS-DRY-001B	AIR COMP DRYERS
75	YXT-XM-1A	MAIN TRANSFORMER
76	YXT-XM-1B	MAIN TRANSFORMER
77	YXT-XM-1C	MAIN TRANSFORMER
78	NER-1	EARTHING RESISTOR/TRANSFORMER
79	CNM-P-004A	HOTWEL PUMPS
79	CNM-P-004B	HOTWEL PUMPS
80		HVAC EXTRACT FAN HOUSING
81	CO2	BULK GAS STORAGE CO2
81	HYD1	BULK GAS STORAGE (HYD)
81	HYD2	BULK GAS STORAGE (HYD)
82	BBD-Q-001B	BLOWDOWN SUMP
84	WWS-P-002A	NEUTRALISATION SUMP PUMP
84	WWS-P-002B	NEUTRALISATION SUMP PUMP
85	MSS-TK-001	MSS STEAM DRAINS FLASH TANK
86	LPS-TK-001	LPS STEAM DRAINS TANK

ISSUE	DATE	DRAWN BY	DESCRIPTION OF ISSUE	PREP'D	CHK'D	APP'D
7	19/8/99	AMH	ISSUED AS BUILT	AMH	AMH	MJY
6	22/3/99	JDB	ISSUED AS BUILT	AMH	WP	MJY
5	27/5/98	AMH	ISSUED FOR CONSTRUCTION	AMH	RT	WP
4	18/2/98	RT	EQUIP. LOCNS. UPDATED	RT	RT	WP
3	OCT.'97	RT	TRANSFORMER LOCN. ADDED	RT	WP	MJY
2	25-7-97	RT	ISSUED FOR DESIGN	RT	WP	MJY
1	22-5-97	RT	FOR CLIENT APPR. OF BLDS. & MAJOR EQUIP. LOCATIONS	RT	WP	MJY

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OWNER: SUTTON BRIDGE POWER LIMITED
ENGINEER: ENRON ENGINEERING SERVICES

SUTTON BRIDGE POWER PROJECT
PLOT PLAN

SCALE 1:500
DO NOT SCALE PRINT

JOB No. 19201

Stone & Webster

S & W DRG. No. 19201-000-201001

WORK PACKAGE No.	SYSTEM	CLASS	STATUS
	DIST. CODE		

1023/03

PLANT DATUM	E. 800000 -	E. 548058.969 O.S.
	N. 250000 -	N. 319927.877 O.S.
	EL. 100000 -	EL. 3000 A.O.D.

0 5 10 20 30 40 50
SCALE METERS 1:500

DETERMINED PLAN

LAST REV. DATE 16 August 1999
FILESPEC J:/19201/pdsprj/pdwg/pipe/19201001.dgn

A0 (1189 x 841) NOT TO BE MANUALLY ALTERED

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