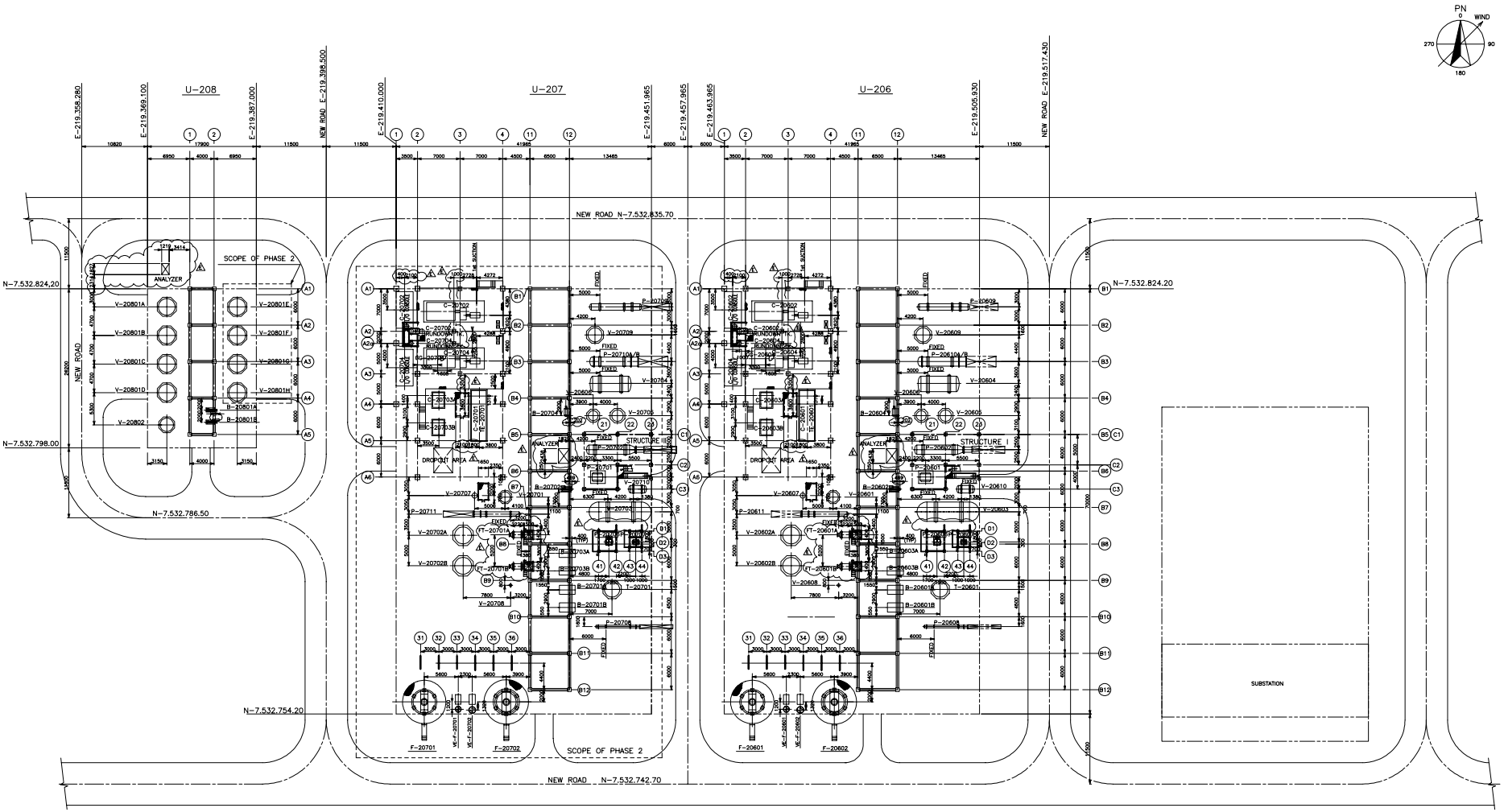

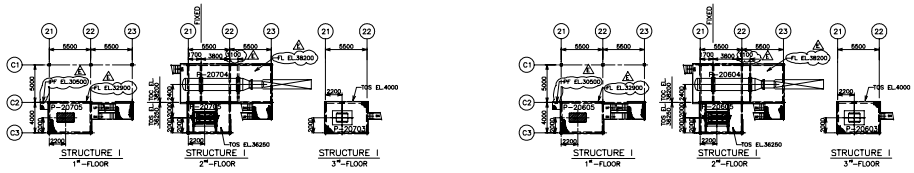

EQUIPMENT LIST (U-206)

TAG NUMBER	NAME/SERVICE
TOWER	
T-20601	DEETHANIZER TOWER
DRUMS	
V-20601	GAS SEPARATOR TO DRIER
V-20602A/B	NATURAL GAS DRIER
V-20603	GAS SEPARATOR TO TURBOEXPANDER
V-20604	PROPANE ACCUMULATOR
V-20605	PROPANE ECONOMIZER
V-20606	PROPANE SEPARATOR
V-20607	REGENERATION GAS SCRUBBER
V-20608	FUEL GAS SEPARATOR
V-20609	DRY GAS SEPARATOR
V-20610	ETHANOL STORAGE

EQUIPMENT LIST (U-206)

TAG NUMBER	NAME/SERVICE
HEAT EXCHANGERS	
P-20601	1ST. GAS x GAS EXCHANGER
P-20602	1ST. GAS CHILLER
P-20603A/B	2ND. GAS x GAS EXCHANGER
P-20604	2ND. GAS CHILLER
P-20605	3RD. GAS x GAS EXCHANGER
P-20606	LIQUID x LIQUID EXCHANGER
P-20607	DEETHANIZER CONDENSER
P-20608	NGL COOLER
P-20609	DRY GAS COOLER
P-20610A/B	PROPANE CONDENSER
P-20611	REGENERATION GAS COOLER
COMPRESSOR/TURBOEXPANDER	
C-20601	TURBOEXPANDER COMPRESSOR
C-20602	DRY GAS COMPRESSOR
C-20603A/B	REGENERATION GAS COMPRESSOR
C-20604	PROPANE COMPRESSOR
TE-20601	NATURAL GAS TURBOEXPANDER

EQUIPMENT LIST (U-206)

TAG NUMBER	NAME/SERVICE
PUMPS	
B-20601A/B	NGL PUMP
B-20602	ETHANOL PUMP
B-20603A/B	DEETHANIZER REBOILER PUMP
B-20604	PUMP OUT
FILTERS	
FT-20601A/B	DUST FILTER
FURNACE/FAN	
F-20601	REGENERATION GAS HEATER
VE-F-20601	FORCED DRAFT FAN
F-20602	DEETHANIZER REBOILER
VE-F-20602	FORCED DRAFT FAN

EQUIPMENT LIST (U-207)

TAG NUMBER	NAME/SERVICE
TOWER	
T-20701	DEETHANIZER TOWER
DRUMS	
V-20701	GAS SEPARATOR TO DRIER
V-20702A/B	NATURAL GAS DRIER
V-20703	GAS SEPARATOR TO TURBOEXPANDER
V-20704	PROPANE ACCUMULATOR
V-20705	PROPANE ECONOMIZER
V-20706	PROPANE SEPARATOR
V-20707	REGENERATION GAS SCRUBBER
V-20708	FUEL GAS SEPARATOR
V-20709	DRY GAS SEPARATOR
V-20710	ETHANOL STORAGE

EQUIPMENT LIST (U-207)

TAG NUMBER	NAME/SERVICE
HEAT EXCHANGERS	
P-20701	1ST. GAS x GAS EXCHANGER
P-20702	1ST. GAS CHILLER
P-20703	2ND. GAS x GAS EXCHANGER
P-20704	2ND. GAS CHILLER
P-20705	3RD. GAS x GAS EXCHANGER
P-20706	LIQUID x LIQUID EXCHANGER
P-20707	DEETHANIZER CONDENSER
P-20708	NGL COOLER
P-20709	DRY GAS COOLER
P-20710A/B	PROPANE CONDENSER
P-20711	REGENERATION GAS COOLER
COMPRESSOR/TURBOEXPANDER	
C-20701	TURBOEXPANDER COMPRESSOR
C-20702	DRY GAS COMPRESSOR
C-20703A/B	REGENERATION GAS COMPRESSOR
C-20704	PROPANE COMPRESSOR
TE-20701	NATURAL GAS TURBOEXPANDER

EQUIPMENT LIST (U-207)

TAG NUMBER	NAME/SERVICE
PUMPS	
B-20701A/B	NGL PUMP
B-20702	ETHANOL PUMP
B-20703A/B	DEETHANIZER REBOILER PUMP
B-20704	PUMP OUT
FILTERS	
FT-20701A/B	DUST FILTER
FURNACE/FAN	
F-20701	REGENERATION GAS HEATER
VE-F-20701	FORCED DRAFT FAN
F-20702	DEETHANIZER REBOILER
VE-F-20702	FORCED DRAFT FAN

SCOPE OF PHASE 2

SCALE 1:250 0 5 10 15 20 25 30 35

REFERENCE DOCUMENTS

GENERAL NOTES

1 – "----------" SCOPE OF PHASE 2.
2 – DESIGN ELEVATION (OR GRADE) : EL 25,000

AS BUILT

REV.	DESCRIPTION	DWN	DSGN	CHK	APPROV.	PM	ISSUE	DATE
F	AS BUILT	S.M	H.S	S.H	M.K		Y.A	03	AUG/15/'02
E	APPROVED FOR CONSTRUCTION	S.M	H.S	S.H	M.K		Y.A	02	JAN/15/'01
D	APPROVED FOR DESIGN-1	S.M	H.S	S.H	M.K		Y.A	01	NOV/01/'00
C	APPROVED FOR DESIGN	S.M	H.S	S.H	M.K		Y.A	00	JUL/31/'00
B	FOR APPROVAL	S.K	M.K					00	03/31/'00
A	FOR APPROVAL(REMARK)	S.K	M.K	H.M	Y.M		Y.A	00	01/31/'00

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CONTRACTOR: Toyo Toyo-Setal Eng. Joint-Venture Ltda. | CONTRACT: 858.2.010.97-6 | TOYO Nº:

PETROLEO BRASILEIRO S.A. PETROBRAS | RESPONSIBLE/REQ./ENGR.: SERVIÇO DE ENGENHARIA SEGEN

USER: ABAST-LOG/DTSE-GEMAC

JOB: CABIUNAS GAS PROCESSING AND TRANSFER PROJECT

UNIT: NGL RECOVERY(U-206, U-207, U-208)

TITLE: PLOT PLAN NGL RECOVERY UNIT

DESIGN BY	H.S	DRAWN BY	S.M	CHECK	S.H	APPROVAL	M.K
SCALE	1 : 250					SHEET	1 of 1
DATE	AUG/15/'02	Nº	I-DE-4150.50-1230-942-TOC-001				

AUTOCAD REV 14 DWG: I-DE-4150.50-1230-942-TOC-001.DWF