

PRETREAT FACILITY INDEX

No.	NAME
1	AMMONIA STILL
2	AMMONIA REMOVAL SYSTEM
3	CYANIDE TREATMENT SYSTEM
4	LIGHT OIL REMOVAL

No.	NAME
1C	NORTH STORAGE TANK
1D	SOUTH STORAGE TANK
1E	LOADOUT TANK
1F	DRAIN TANK
1G	COLLECTOR TANK
1H	NORTH & SOUTH DECANTER TANKS (3)
1I	NORTH & SOUTH DECANTER SLUDGE DUMPSTERS (3)

FLUSHING, WEAK AMMONIA & CIRCULATION LIQUORS:

No.	NAME
2A	FLUSHING LIQUOR CIRCULATION TANK
2B	C.O.G. CONDENSATE STORAGE TANK (WHITE CASTLE)
2C	C.O.G. CONDENSATE STORAGE TANKS (2)
2D	WEAK AMMONIA LIQUOR STORAGE TANKS (2)
2E	AMMONIA STILL - CIRCULATION (2)
2F	PRIMARY COOLERS - CIRCULATION (2)

AMMONIUM SULFATE:

No.	NAME
3A	AMMONIA ABSORBER
3B	CIRCULATION TANKS (3)
3C	AQUA AMMONIA STORAGE TANKS
3D	CIRCULATION OVERFLOW TANK
3E	AMMONIUM SULFATE LOADOUT TANKS (2)
3T	TEMPORARY TANK

STORAGE LOCATION

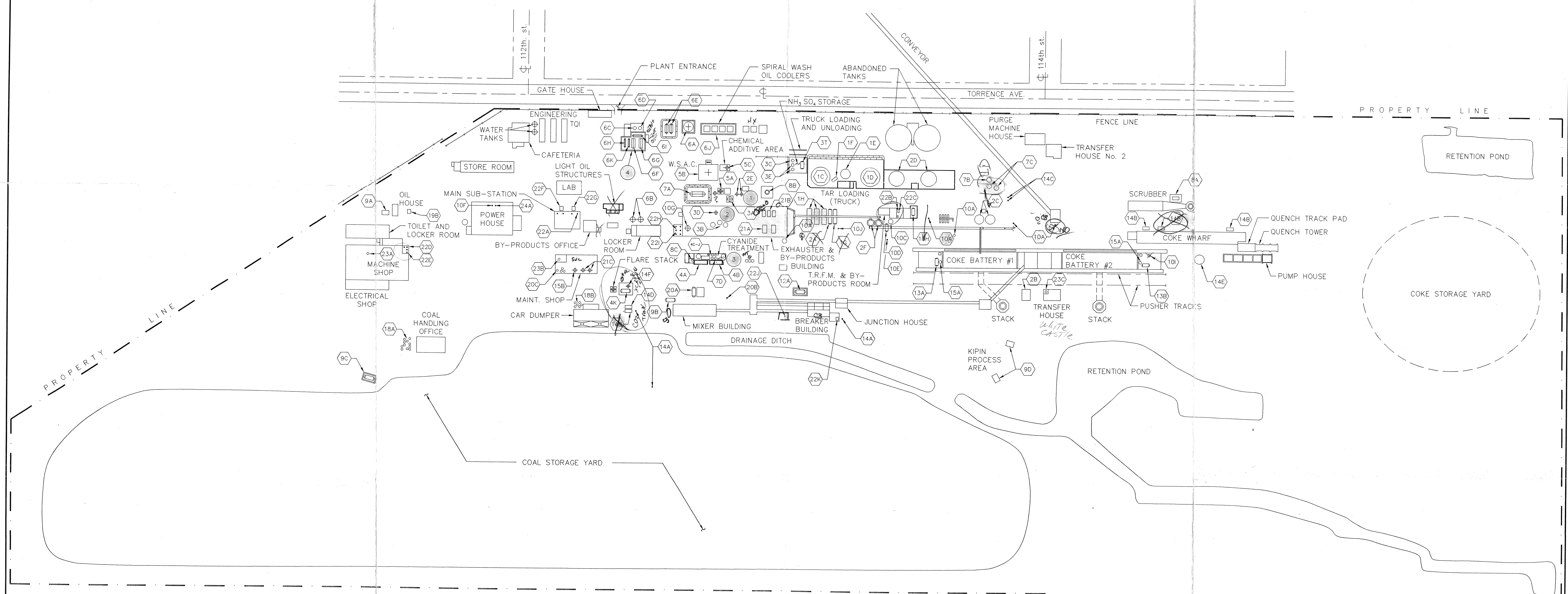
No.	NAME
CYANIDE TREATMENT SYSTEM:	
4A	NORTH BAY
4B	SOUTH BAY
4C	SLUDGE THICKENER
4D	SOLIDS SEPARATOR
4E	PH ADJUSTMENT REACTOR
4F	FINAL PH ADJUSTMENT REACTOR
4G	FLOCCULATION REACTOR
4H	SAND FILTER LIFT TANK
4I	SAND FILTER
4J	FERRIC SULFATE SUPPLY TANK
4K	BLEEDER STACK SURGE TANK
NAPHTHALENE:	
5A	SECONDARY COOLER
5B	W.S.A.C. BASIN
5C	W.S.A.C. CHEMICAL MIX STORAGE TANK
LIGHT OIL & WASH OIL:	
6A	LIGHT OIL STORAGE TANK
6B	LIGHT OIL SCRUBBERS (2)
6C	LIGHT OIL STILL
6D	LIGHT OIL CONDENSER/ DEHPLEGMATOR
6E	WASH OIL STORAGE TANKS (2)
6F	HOT WASH OIL DECANTER
6G	COLD WASH OIL DECANTER
6H	HOT WASH OIL CIRCULATION TANK
6I	COLD WASH OIL CIRCULATION TANK
6J	SPIRAL COOLERS (4)
6K	MUCK TANK / COOKER

No.	NAME
SULFURIC ACID:	
7A	SULFATE BLDG. - EAST SIDE
7D	CYANIDE TREATMENT SUPPLY TANK
CAUSTIC SODA:	
8A	HKC SCRUBBER TANK
8B	AMMONIA STILL TANK
8C	CYANIDE TREATMENT SUPPLY TANK
FUEL:	
9A	GASOLINE - OIL HOUSE
9B	DIESEL - MIXER BUILDING
9C	DIESEL - COAL HANDLING OFFICE
9D	DIESEL - KIPPEN (2)
CHEMICAL TREATMENT:	
10A	NALCO #8252 - EAST OF COKE OVENS (4)
10C	NALCO #8310 - PRIMARY COOLER
10D	NALCO #7709 - PRIMARY COOLER
10E	NALCO #7719 - TAR
10F	NALCO #8312 - POWERHOUSE
10G	#1 CONDENSATE DRIP TANK - SULFATE BLDG.
10H	#3 CONDENSATE DRIP TANK - PLATE & FRAME
10I	NALCO #6861 - COKE BATTERY #2
10J	NALCO #8120 - TAR DECANTERS
BULK DENSITY CONTROL OIL:	
12A	COAL HANDLING

No.	NAME
COKE OVEN LID SEALANT:	
13A	COKE OVENS - NORTH END
13B	COKE OVENS - SOUTH END
GASES (CYROGENIC & COMPRESSED):	
14A	PROPANE - COAL HANDLING (3)
14B	PROPANE - COKE WHARF (3)
14C	PROPANE - COKE OVEN FLARES (2)
14D	PROPANE - MAIN BLEEDER STACK (2)
14E	OXYGEN - COKE OVENS - SOUTH END
14F	NITROGEN - MAIN BLEEDER STACK
HYDRAULIC OIL:	
15A	COKE OVENS - BOTH ENDS (2)
15B	MAINT. BLDG.
DRUM STORAGE AREA:	
18A	COAL HANDLING OFFICE
18B	MAINTENANCE BLDG.
ZEBRA MUSSEL CHEMICAL TREATMENTS:	
19A	BLEACH - RIVER INTAKE
19B	DETOXIFICATION - NALCO #7408
WASTE OIL:	
20A	MIXER BLDG. - NORTH
20B	MIXER BLDG. - SOUTH
20C	MAINTENANCE BLDG.

No.	NAME
LUBRICATING OIL:	
21A	EXHAUSTER TURBINES (2)
21B	BOOSTERS (3)
21C	MAINTENANCE BLDG. (2)
LIQUID FILLED TRANSFORMERS:	
22A	#2 SUB-STATION (1 - OIL)
22B	#2 SUB-STATION (1 - PCB) #18P-508
22C	#2 SUB-STATION (1 - PCB) #18P-508
22D	MACHINE SHOP (3 - OIL)
22E	MACHINE SHOP (1 - OIL)
22F	YARD OFFICE (1 - OIL)
22G	YARD (1 - OIL)
22H	BY-PRODUCTS (3 - OIL) #18P-508
22I	BY-PRODUCTS (3 - OIL) #18P-508
22J	COAL HANDLING YARD (3 - OIL)
22K	CAGE FACTOR (1 - SILICONE)

No.	NAME
PARTS CLEANERS AND DEGREASERS:	
23A	MACHINE SHOP - MODEL SK
23B	MAINTENANCE SHOP - MODEL SK
23C	TRANSFER HOUSE - MODEL SK
METHANOL:	
24A	POWER HOUSE



KEY:
 (9A) = STORAGE LOCATION
 (3) = PRETREAT FACILITY

REFERENCES:
 PLAT OF SURVEY - ROBERT A. NOWICKI & ASSOC., LTD.
 ACME DWG. NO. C-7992
 ACME DWG. NO. 6851-3
 ACME DWG. NO. C-7553
 PEI FIGURE 2 DATED 04/24/98

NO.	DATE	REVISION	BY	CHK	DATE	DATE	DATE	DATE

DRAWN: EWS	PROJECT NO: 3825.2	Harding Lawson Associates Engineering and Environmental Services 1400 Kensington Road, Suite 213 Oak Brook, IL 60523 (630) 571-2162 FAX (630) 571-0439
ENGINEER: N/S	SCALE: 1" = 100'	
CHECKED: N/S	APPROVED: [Signature]	
DATE: [Blank]	DATE: [Blank]	

CHICAGO COKE PLANT	PLATE: 5
ACME STEEL COMPANY	SHEET: 1 of 1
1236 SOUTH TORRENCE AVENUE	REVISION NUMBER:
CHICAGO, ILLINOIS 60617-6440	DATE: 12/18/97

