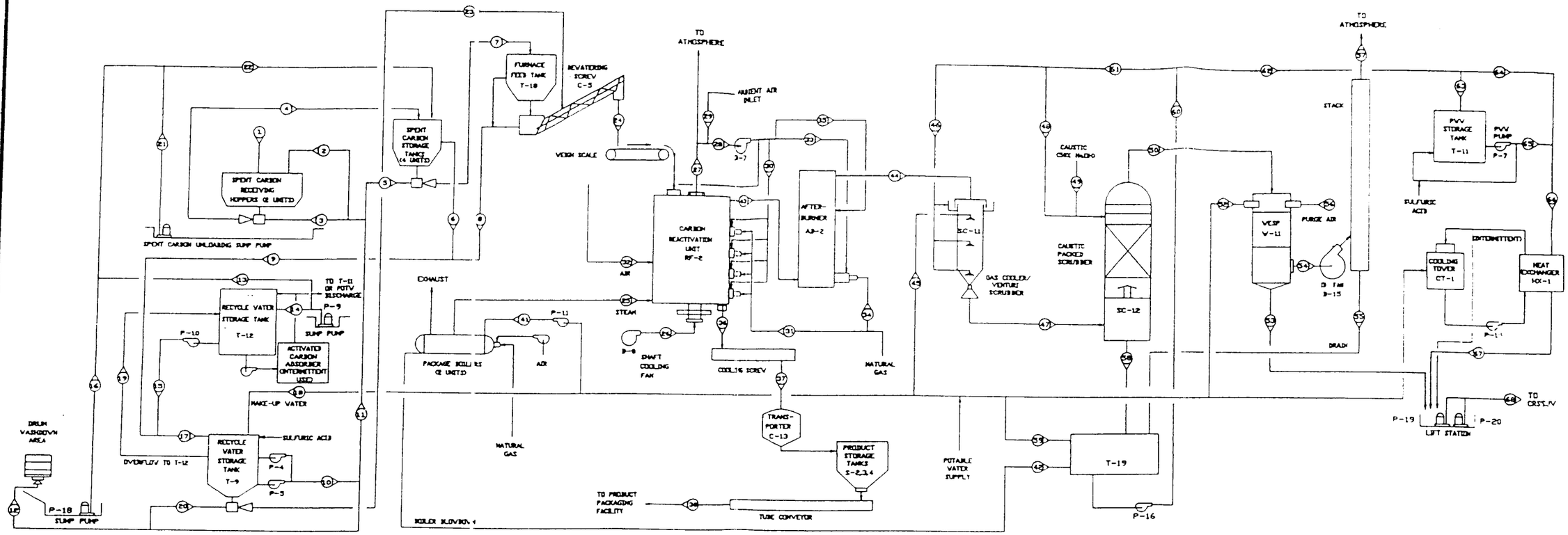
CADD FILE NO.

CHECKED BY

DRAWN BY M. E. Pate



NOTES:

1. THIS DIAGRAM DEPICTS SOME PROCESSES AND/OR EQUIPMENT WHICH ARE COMMON TO BOTH REACTIVATION UNITS, RF-1 AND RF-2.

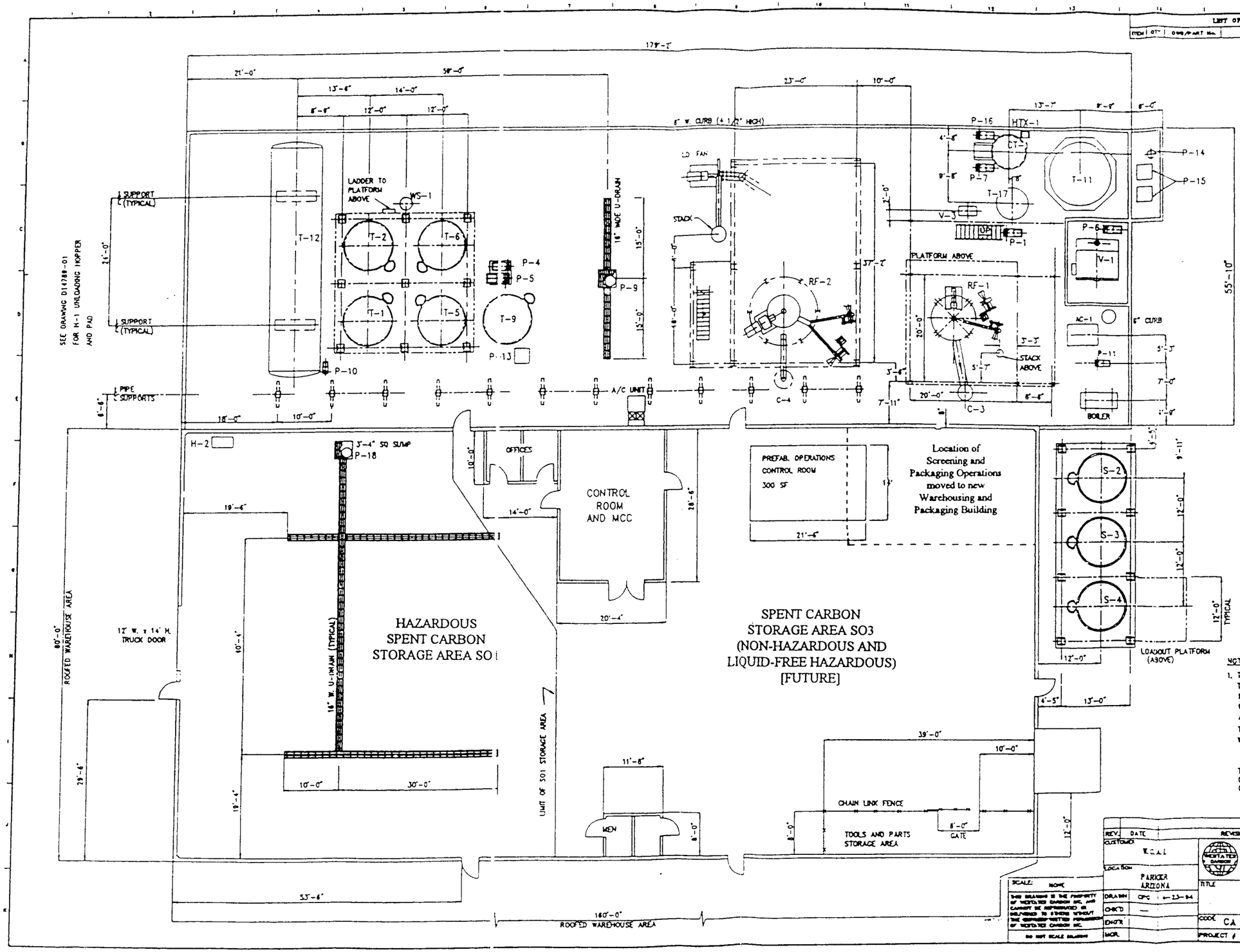
2. THIS DRAWING INCLUDES COMPONENTS OF THE FACILITY THAT ARE EXEMPT FROM PERMITTING UNDER VARIOUS PROVISIONS OF RCRA. DATA RELATED TO THESE COMPONENTS IS PROVIDED FOR INFORMATIONAL PURPOSES AND EASE OF REVIEW ONLY, AND THEY ARE NOT INTENDED TO BECOME REGULATED COMPONENTS OF THE HAZARDOUS WASTE FACILITY.

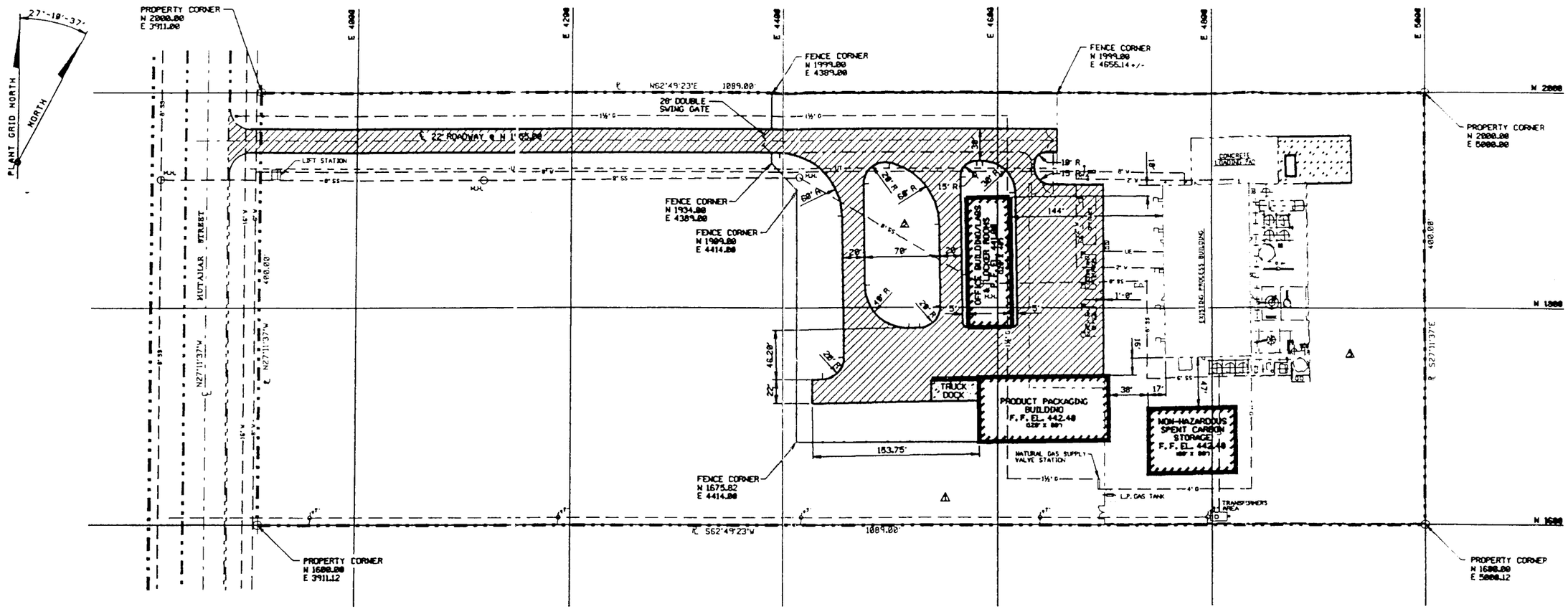
RUST ENVIRONMENT & INFRASTRUCTURE

PROCESS FLOW DIAGRAM AFTER PROPOSED EXPANSION

Dwg. No. SEAPFD-1

Rev. No. 1


SEE DRAWING D14789-01 FOR H-1 UNLOADING HOPPER AND PAD
SUPPORT (TYPICAL)
PIPE SUPPORTS
LADDER TO PLATFORM ABOVE
WS-1
T-12
T-2
T-6
T-1
T-5
T-9
P-4
P-5
P-13
P-10
P-9
18" WIDE U-DRAIN
STACK
LD FAN
RF-2
RF-1
PLATFORM ABOVE
STACK ABOVE
A/C UNIT
C-4
C-3
P-16
HTX-1
CT-1
P-7
T-17
V-3
P-1
T-11
P-14
P-15
P-6
V-1
AC-1
P-11
BOILER
S-2
S-3
S-4
LOADOUT PLATFORM (ABOVE)
H-2
3'-4" SQ SUMP
P-18
OFFICES
CONTROL ROOM AND MCC
PREFAB. OPERATIONS CONTROL ROOM 300 SF
Location of Screening and Packaging Operations moved to new Warehousing and Packaging Building
HAZARDOUS SPENT CARBON STORAGE AREA SO1
SPENT CARBON STORAGE AREA SO3 (NON-HAZARDOUS AND LIQUID-FREE HAZARDOUS) [FUTURE]
16" W. U-DRAIN (TYPICAL)
12' W. x 14' H. TRUCK DOOR
ROOFED WAREHOUSE AREA
LIMIT OF SO1 STORAGE AREA
MEN
CHAIN LINK FENCE
TOOLS AND PARTS STORAGE AREA
GATE
8" W. CURB (4 1/2" HIGH)
6" CURB
BOILER
LIST OF COMPONENTS
DWG # D11139-02
ITEM
QTY
DWG/PART NO.
DESCRIPTION
EQUIPMENT LIST:
C-3 TRANSPORTER
C-4 TRANSPORTER
CT-1 COOLING TOWER
H-1 CARBON HOPPER
H-2 CARBON HOPPER
HTX-1 HEAT EXCHANGER
P-1 SCRUBBER PUMP
P-4 RECYCLE WATER PUMP
P-5 RECYCLE WATER PUMP
P-6 FILTER PRESS PUMP
P-7 PROCESS WW PUMP
P-9 SUMP PUMP
P-10 TRANSFER PUMP
P-11 BOILER FEED PUMP
P-13 H2SO4 TOTE BIN AND METERING PUMP
P-14 H2SO4 TOTE BIN AND METERING PUMP
P-15 NAOH TOTE BINS AND METERING PUMPS
P-16 COOLING TOWER CIRC. PUMP
P-18 SUMP PUMP
S-2 CARBON STORAGE TANK
S-3 CARBON STORAGE TANK
S-4 CARBON STORAGE TANK
T-1 SPENT CARBON STORAGE TANK
T-2 SPENT CARBON STORAGE TANK
T-5 SPENT CARBON STORAGE TANK
T-6 SPENT CARBON STORAGE TANK
T-9 RECYCLE WATER STORAGE TANK
T-11 PROCESS WW STORAGE TANK
T-12 RECYCLE WATER STORAGE TANK
T-17 EQUALIZATION TANK
V-1 INCLINED PLATE SETTLER
V-3 FILTER PRESS
WS-1 ACTIVATED CARBON ADSORBER
NOTES:
1. THIS DRAWING INCLUDES COMPONENTS OF THE FACILITY THAT ARE EXEMPT FROM PERMITTING UNDER VARIOUS PROVISIONS OF RCRA. DATA RELATED TO THESE COMPONENTS IS PROVIDED FOR INFORMATIONAL PURPOSES AND EASE OF REVIEW ONLY, AND THEY ARE NOT INTENDED TO BECOME REGULATED COMPONENTS OF THE HAZARDOUS WASTE FACILITY.
THIS DRAWING ILLUSTRATES THE ANTICIPATED CONDITIONS FOLLOWING THE INSTALLATION OF RF-2
REV. DATE REVISION DESCRIPTION DRAWN CHK'D ENG'R MGR.
CUSTOMER WCAI
LOCATION PARKER ARIZONA
SCALE: NONE
DRAWN CPC 6-23-94
CHK'D
ENG'R
MGR.
DO NOT SCALE DRAWING
WESTATES CARBON, INC
A WHEELABRATOR TECHNOLOGIES CO.
LOS ANGELES, CA 90040
TITLE
EQUIPMENT ARRANGEMENT
REACTIVATION FACILITIES
CODE CA
DWG # D14789-02
PROJECT # 11139



LEGEND:

	PROPERTY LINE
	EXISTING ROADWAY
	EXISTING FACILITIES
434	EXISTING 2' CONTOUR
440	EXISTING 10' CONTOUR
441.23	EXISTING SPOT ELEVATION
	EXISTING FENCE
8" W	EXISTING WATER LINE W/LINE SIZE
8" SS	EXISTING SANITARY SEWER LINE
UE	EXISTING UNDERGROUND ELECTRICAL
	EXISTING OVERHEAD POWER W/POLE
UT	EXISTING UNDERGROUND TELEPHONE
1½" G	EXISTING GAS LINE
	PROPOSED BUILDING
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONCRETE PAVED AREA
	PROPOSED FENCE
438	PROPOSED FINISHED CONTOUR
438.50	PROPOSED FINISH GRADE ELEVATION
	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY SEWER MANHOLE

2	REV. ROADWAY LOCATIONS		
2	REV. EXIST. AND PROPOSED BLDG. LOCATIONS		
1	REV. LOCATION OF EXIST SANITARY SEWER	H.G.B.	L.E.C. 1/25/96
1	MOVED FENCE, REV. PAVING LINT AND ADD DOCK		

		DATE
SCALE	1" = 40'	
DESIGN	H.G.BONNETT	10/24/95
DRAWN BY	H.G.BONNETT	10/24/95
CHECKED BY	H.E.SHELBY	10/24/95
SUPVISR	L.E.FRIGLER	10/24/95
SUBMITD BY		
APPD BY		
APPD BY		
APPD BY		

SITE LAYOUT PLAN

WESTATES CARBON INC.
CARBON REGENERATION FACILITY
PARKER, ARIZONA

WHEELABRATOR CLEAN AIR SYSTEMS
Manchester, New Hampshire

RUST Engineering & Construction Inc.
Contract 21-45274P

DRAWING NUMBER 01-32-00:?

REV. NO. 2