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This drawing approves to layout and general design. No responsibility is accepted for details being dimensions or construction of equipment. This drawing is for reference only and general approval does not relieve supplier of construction from liability in connection herewith.

FOSTER WHEELER USA CORPORATION
By: [Signature] Date: 12/11/07

DIMENSIONS	139.633'Lx32.907'Wx32.415'H ft (4256L x 1003W x 988H) (cm)
MEASUREMENT	148944 (4217.543) ft ³ (m ³)
NET WEIGHT	914.0 (414.5) klbs (ton)
GROSS WEIGHT	978.8 (443.9) klbs (ton)

PRELIMINARY	参考用
FOR APPROVAL	納入用
RELEASE	製作用

CUSTOMER'S PURCHASE ORDER NO. 客先注文番号
06-06006

SCALE	1:150	DATE	DEC. 15 '06
DRAWN	CHK'D	INSP.	APPR.
M.S	DEC. 15 '06 得地/白石	DEC. 18 '06 K.Asagawa	12/18/06 K.Takakura

FW Tag Number 23V-101A / 23V-101B

FW Contract No. 13-118815-02

FW Req'n No. 118815-1131G101

P.O. No. 06-06006

For
FLINT HILLS RESOURCES PINE BEND REFINERY
NO.3 COKER MODIFICATIONS
ROSEMOUNT, MINNESOTA

REV. 1	REV'D AS PER MARK	12/11/07	12/11/07	12/11/07
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Sumitomo Heavy Industries, Ltd.
TOKYO, JAPAN

REV. 1

23V-101B COKE DRUMS
SHIPPING DWG.

DWG. NO. AP 1836 E

RANK OF PATTERN	MICROFILM	REGIS.
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REV. B
REV. I
PKG. # 0034

23V-101A-028
VENDOR DOC # AP1836E
P.O. 06-0600
CLIENT: Sumitomo Heavy

