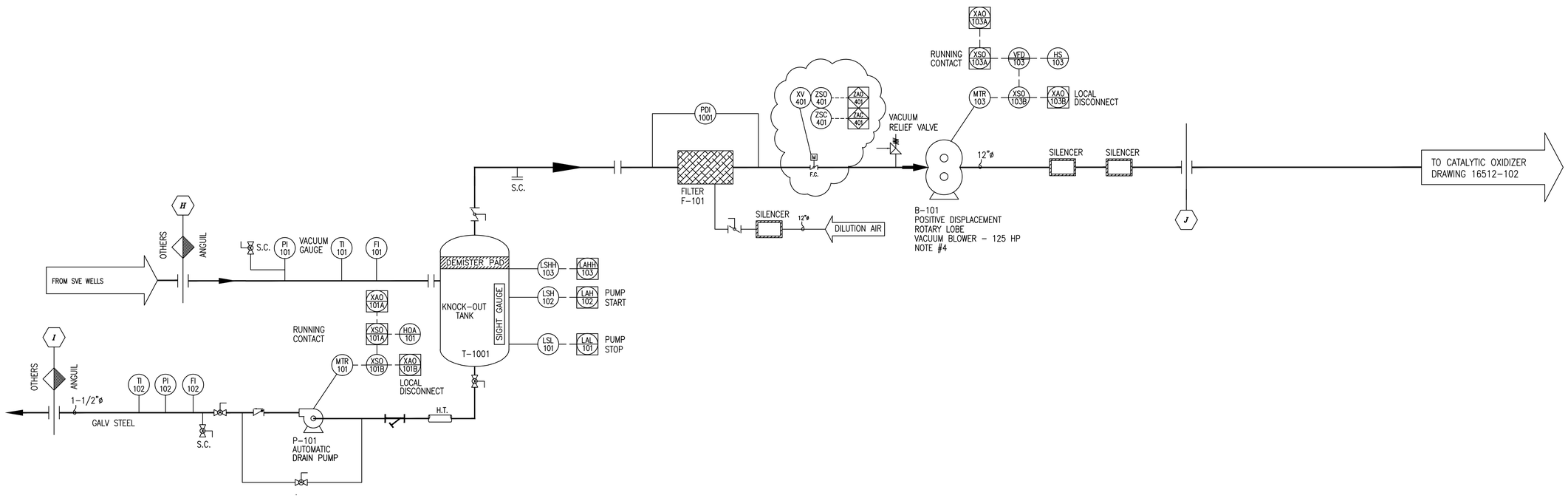

PROCESS DESIGN CONDITIONS

DESIGN FLOW		1,600 SCFM @ -40"WC VAC
	OR	1,000 SCFM @ -11" HG VAC
PROCESS AIR INLET TEMPERATURE		60-100 °F
VOC CONSTITUNENT		VOLATILE FUEL HYDROCARBONS
MAXIMUM VOC LOADING		<25% LEL
ELEVATION		5,300 FT ABOVE SEA LEVEL

TERMINAL POINT SCHEDULE

T.P.	DESCRIPTION	MEDIA	SIZE	CONNECTION	MATERIAL
H	SVE PROCESS INLET	VOC LADEN AIR	12"	FLANGED	CS PIPE SCH 10
I	CONSENSATE OUTLET	CONDENSATE	1-1/2"	NPT	GALV
J	SVE PROCESS OUTLET	VOC LADEN AIR	12"	FLANGED	CS PIPE SCH 10

NOTES:

1) ELECTRICAL AREA CLASSIFICATION: C1D2
2) S.C. = SAMPLE CONNECTION PORT
3) COLOR: TBD
4) NOISE ABATEMENT ENCLOSURE INCLUDED. NOISE ABATEMENT ENCLOSURE HAS A 1/4 HP VENT FAN.
5) LOCAL DISCONNECTS PROVIDED BY OTHERS
6) ELEVATION 5300 FASL

REV	BY	DATE	CHANGE
b	AE	10/18/12	AS-BUILD
A	AE	8/8/12	CHANGE AS INDICATED

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ANGUIL ENVIRONMENTAL SYSTEMS, INC.
MILWAUKEE, WISCONSIN

TITLE: SVE BLOWER SKID
PROCESS AND INSTRUMENTATION DIAGRAM

DRAWING NO. 16512-101

SCALE: NTS

DRAWN: AE DATE: 7/17/12
CHECKED: DATE
APPROVED: DATE
LAST DRAWN BY: AE DATE: 10/18/12

CUSTOMER: SHAW ENVIRONMENTAL
KIRKLAND AFB, NM

REV. B

SOURCE
PAGE 1 OF 3

AUTOCAD PATH: H:\CAD\JOBS\16000

LAST PLOTTED BY _ DATE _