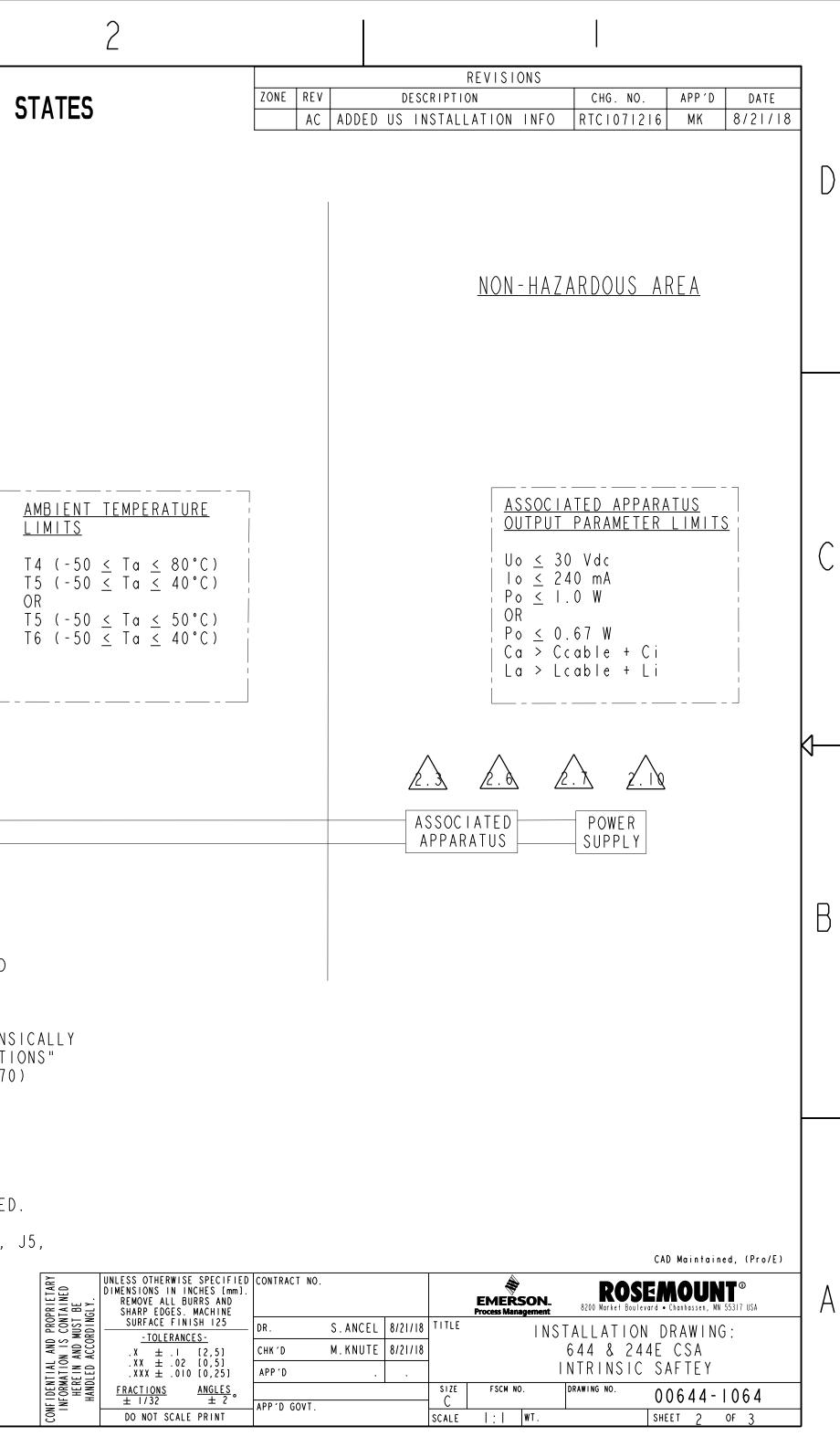
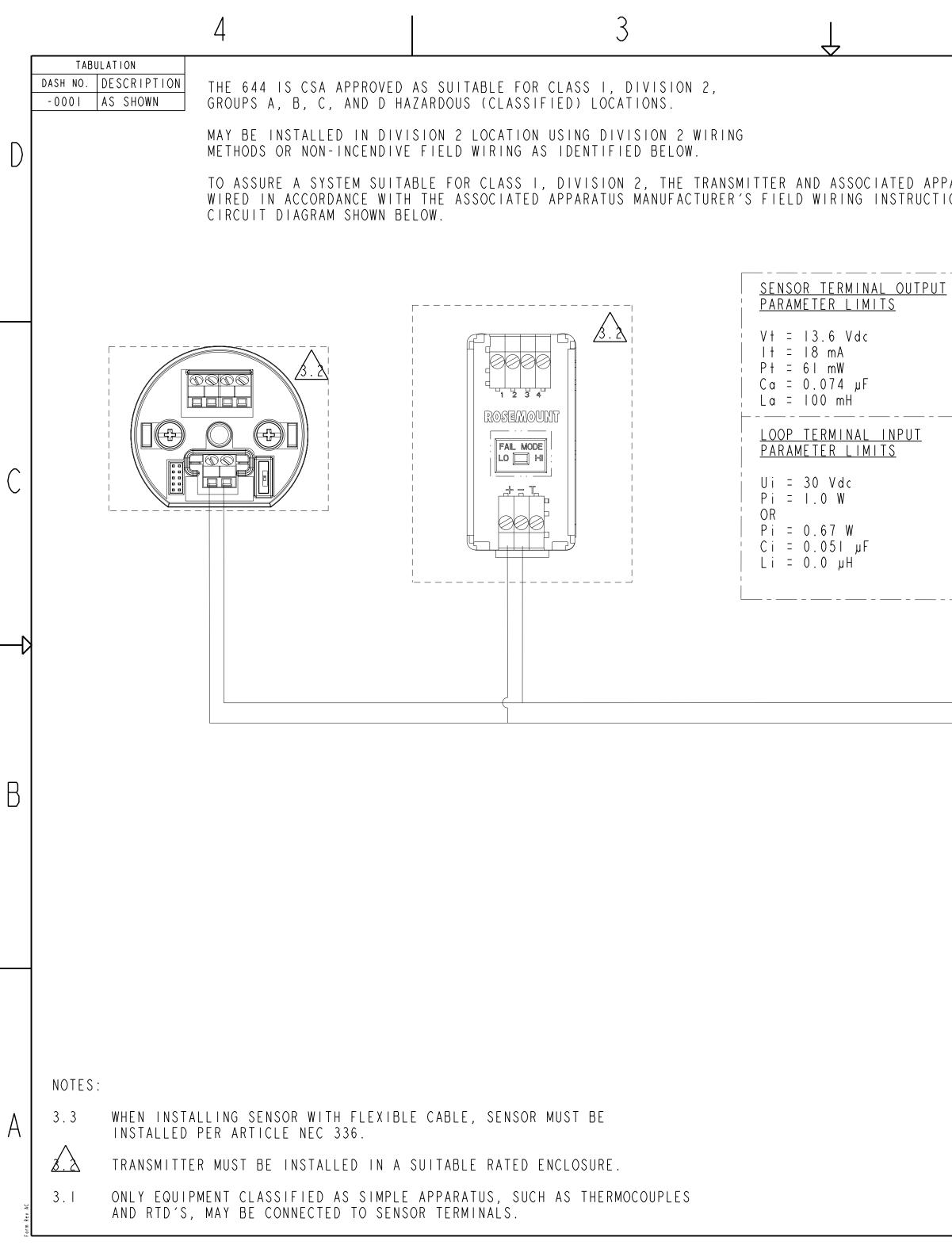


	4		3	\downarrow
	TABULATIONDASH NO.DESCRIPTION-0001ASSHOWN		FOR INSTALLAT	ION IN THE UNITED S
D	ROSEMOUNT 644 TRANSMITTER IS CSA APPROVED WITH AN APPROVED ASSOCIATED APPARATUS WHIC IN CLASS I, II, III; DIVISION I AND 2; AND	CH MEETS THE ENTITY PARA	METERS LISTED	CIT
	TO ASSURE AN INTRINSICALLY SAFE SYSTEM, TH BE WIRED IN ACCORDANCE WITH THE ASSOCIATED INSTRUCTIONS AND THE CIRCUIT DIAGRAM SHOWN) APPARATUS MANUFACTURER	IATED APPARATUS M 'S FEILD WIRING	IUST
	<u>hazardous area</u>			<u>SOR TERMINAL OUTPUT</u> AMETER LIMITS
С		ROSEMOUNT	0 Po Ca La 	= 13.6 Vdc = 18 mA = 61 mW = 0.074 µF = 100 mH <u>P TERMINAL INPUT</u> <u>AMETER LIMITS</u> = 30 Vdc = 240 mA
			OR Pi Ci	= Ι.Ο Ψ = 0.67 Ψ = 0.05Ι μF = 0.0 μΗ
В	NOTES: 2.1 ONLY EQUIPMENT CLASSIFIED AS SIMPLE A SUCH AS THERMOCOUPLES AND RTD'S MAY B CONNECTED TO SENSOR TERMINALS.			RINSICALLY SAFE GROUND BE LESS THAN I Ohm.
	 2.2 NO REVISION TO DRAWING WITHOUT PRIOR MUTUAL APPROVAL. 	FACTORY ANSI/I SAFE S	SA-RP 12.06.01 " SYSTEM FOR HAZARDO	IN ACCORDANCE WITH INSTALLATION OF INTRINS DUS (CLASSIFIED) LOCATIO RICAL CODE (ANSI/NFPA70)
	ASSOCIATED APPARATUS MANUFACTURER'S INSTALLATION DRAWING MUST BE FOLLOWED WHEN INSTALLING THIS EQUIPMENT	THE RE	QUIRMENTS OF THE	N ENCLOSURE MEETING NATIONAL ELECTRIC ANSI/ISA S82.01 AND
А	2.4 THE ENTITY CONCEPT ALLOWS INTERCONNEC INTRINSICALLY SAFE APPARATUS WITH ASS APPARATUS WHEN THE FOLLOW IS TRUE: Vmax or Ui ≥ Voc, Vt or Uo; Imax or Ii ≥ Isc, It or Io; Pmax or Pi ≥ Po; CA ≥ Ci + Ccable; La ≥ Li _ Lcable.	TION OF S82.03 OCIATED 2.10 THE AS 2.11 APPROV J6, J7	3. SSOCIATED APPARATI (ED ENCLOSURES: D (, J8, RI, R2, R3)	JS MUST BE CSA APPROVED. I, D2, JI, J2, J3, J4, 、
Form Rev AC	2.5 DUST-TIGHT CONDUIT SEAL MUST BE USED INSTALLED IS CLASS II AND CLASS III E CONTROL EQUIPMENT CONNECTED TO BARRIE USE OR GENERATE MORE THAN 250 Vrms or	NVIRONMENTS. R MUST NOT		





2													
			I		R	EVISI	ONS						
	ZONE	REV		DES	SCRIPTION			CHG.	NO.	APP'D	DAT	-	
		AC	ADDED	US I	NSTALLA	TION	INFO	RTCIOT	71216	МК	8/21	/18	
PARATUS MUST BE IONS AND THE <u>HAZARDOUS AREA</u>						-	NON - H	<u>I A Z A R</u>	DOUS	S ARE	<u>A</u>		C
AMBIENT TEMPERATURE LIMITS T5 (-50 ≤ Tα ≤ 85°C						U0 P0 P0 P0 Ca La		ARAMET Vdc W 7 W ble + ble + ble +	<u>ER L</u> Ci Li				C

В

									CAD Maintained, (Pro/E)	
RIE.	UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES. MACHINE	CONTRACT NO.				EMERS Process Manag			EMOUNT® vard • Chanhassen, MN 55317 USA	
D PROPI S CONT. MUST I ORD I NG	SURFACE FINISH 125	DR.	S.ANCEL	8/21/18	TITLE	INSTALLATION DRAWING:				
LL AND ON IS AND ACCO	.X ± .I [2,5]	СНК′Д	M.KNUTE	8/21/18		644 & 244E CSA INTRINSIC SAFTEY				
TIA ATI EIN LED	.XX ± .02 [0,5] .XXX ± .010 [0,25]	APP'D		•						
CONFIDEN INFORM HER HAND	$\frac{FRACTIONS}{\pm 1/32} \qquad \frac{ANGLES}{\pm 2}$	APP'D GOVT.	'D GOVI		sıze C	FSCM NO.		DRAWING NO.	00644-1064	
CON	DO NOT SCALE PRINT				SCALE	1:1	WT.		SHEET 3 OF 3	