



**GE Medical Systems**

---

# **Technical Publications**

**Direction 2115549–100**

**Revision 5**

## **XT Suspension Schematics**

**Copyright© 1994, 1995, 1996, 1997, 1998 By General Electric Co.**

**Operating Documentation**



**WARNING**

- THIS SERVICE MANUAL IS AVAILABLE IN ENGLISH ONLY.
- IF A CUSTOMER'S SERVICE PROVIDER REQUIRES A LANGUAGE OTHER THAN ENGLISH, IT IS THE CUSTOMER'S RESPONSIBILITY TO PROVIDE TRANSLATION SERVICES.
- DO NOT ATTEMPT TO SERVICE THE EQUIPMENT UNLESS THIS SERVICE MANUAL HAS BEEN CONSULTED AND IS UNDERSTOOD.
- FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY TO THE SERVICE PROVIDER, OPERATOR OR PATIENT FROM ELECTRIC SHOCK, MECHANICAL OR OTHER HAZARDS.

**AVERTISSEMENT**

- CE MANUEL DE MAINTENANCE N'EST DISPONIBLE QU'EN ANGLAIS.
- SI LE TECHNICIEN DU CLIENT A BESOIN DE CE MANUEL DANS UNE AUTRE LANGUE QUE L'ANGLAIS, C'EST AU CLIENT QU'IL INCOMBE DE LE FAIRE TRADUIRE.
- NE PAS TENTER D'INTERVENTION SUR LES ÉQUIPEMENTS TANT QUE LE MANUEL SERVICE N'A PAS ÉTÉ CONSULTÉ ET COMPRIS.
- LE NON-RESPECT DE CET AVERTISSEMENT PEUT ENTRAÎNER CHEZ LE TECHNICIEN, L'OPÉRATEUR OU LE PATIENT DES BLESSURES DUES À DES DANGERS ÉLECTRIQUES, MÉCANIQUES OU AUTRES.

**WARNUNG**

- DIESES KUNDENDIENST-HANDBUCH EXISTIERT NUR IN ENGLISCHER SPRACHE.
- FALLS EIN FREMDER KUNDENDIENST EINE ANDERE SPRACHE BENÖTIGT, IST ES AUFGABE DES KUNDEN FÜR EINE ENTSPRECHENDE ÜBERSETZUNG ZU SORGEN.
- VERSUCHEN SIE NICHT, DAS GERÄT ZU REPARIEREN, BEVOR DIESES KUNDENDIENST-HANDBUCH NICHT ZU RATE GEZOGEN UND VERSTANDEN WURDE.
- WIRD DIESE WARNUNG NICHT BEACHTET, SO KANN ES ZU VERLETZUNGEN DES KUNDENDIENSTTECHNIKERS, DES BEDIENERS ODER DES PATIENTEN DURCH ELEKTRISCHE SCHLÄGE, MECHANISCHE ODER SONSTIGE GEFAHREN KOMMEN.

**AVISO**

- ESTE MANUAL DE SERVICIO SÓLO EXISTE EN INGLÉS.
- SI ALGÚN PROVEEDOR DE SERVICIOS AJENO A GEMS SOLICITA UN IDIOMA QUE NO SEA EL INGLÉS, ES RESPONSABILIDAD DEL CLIENTE OFRECER UN SERVICIO DE TRADUCCIÓN.
- NO SE DEBERÁ DAR SERVICIO TÉCNICO AL EQUIPO, SIN HABER CONSULTADO Y COMPRENDIDO ESTE MANUAL DE SERVICIO.
- LA NO OBSERVANCIA DEL PRESENTE AVISO PUEDE DAR LUGAR A QUE EL PROVEEDOR DE SERVICIOS, EL OPERADOR O EL PACIENTE SUFRAN LESIONES PROVOCADAS POR CAUSAS ELÉCTRICAS, MECÁNICAS O DE OTRA NATURALEZA.

**ATENÇÃO**

- ESTE MANUAL DE ASSISTÊNCIA TÉCNICA SÓ SE ENCONTRA DISPONÍVEL EM INGLÊS.
- SE QUALQUER OUTRO SERVIÇO DE ASSISTÊNCIA TÉCNICA, QUE NÃO A GEMS, SOLICITAR ESTES MANUAIS NOUTRO IDIOMA, É DA RESPONSABILIDADE DO CLIENTE FORNECER OS SERVIÇOS DE TRADUÇÃO.
- NÃO TENDE REPARAR O EQUIPAMENTO SEM TER CONSULTADO E COMPREENDIDO ESTE MANUAL DE ASSISTÊNCIA TÉCNICA.
- O NÃO CUMPRIMENTO DESTA AVISO PODE POR EM PERIGO A SEGURANÇA DO TÉCNICO, OPERADOR OU PACIENTE DEVIDO A CHOQUES ELÉTRICOS, MECÂNICOS OU OUTROS.

**AVVERTENZA**

- IL PRESENTE MANUALE DI MANUTENZIONE È DISPONIBILE SOLTANTO IN INGLESE.
- SE UN ADDETTO ALLA MANUTENZIONE ESTERNO ALLA GEMS RICHIEDE IL MANUALE IN UNA LINGUA DIVERSA, IL CLIENTE È TENUTO A PROVVEDERE DIRETTAMENTE ALLA TRADUZIONE.
- SI PROCEDA ALLA MANUTENZIONE DELL'APPARECCHIATURA SOLO DOPO AVER CONSULTATO IL PRESENTE MANUALE ED AVERNE COMPRESO IL CONTENUTO.
- NON TENERE CONTO DELLA PRESENTE AVVERTENZA POTREBBE FAR COMPIERE OPERAZIONI DA CUI DERIVINO LESIONI ALL'ADDETTO ALLA MANUTENZIONE, ALL'UTILIZZATORE ED AL PAZIENTE PER FOLGORAZIONE ELETTRICA, PER URTI MECCANICI OD ALTRI RISCHI.

**警告**

- ・このサービスマニュアルには英語版しかありません。
- ・GEMS以外でサービスを担当される業者が英語以外の言語を要求される場合、翻訳作業はその業者の責任で行うものとさせていただきます。
- ・このサービスマニュアルを熟読し理解せずに、装置のサービスを行わないで下さい。
- ・この警告に従わない場合、サービスを担当される方、操作員あるいは患者さんが、感電や機械的又はその他の危険により負傷する可能性があります。

**注意:**

- 本维修手册仅存有英文本。
- 非 GEMS 公司的维修员要求非英文本的维修手册时，客户需自行负责翻译。
- 未详细阅读和完全了解本手册之前，不得进行维修。
- 忽略本注意事项会对维修员，操作员或病人造成触电，机械伤害或其他伤害。

## Direction 2115549–100

### Revision 5

# XT Suspension Schematics

## IMPORTANT! . . . X-RAY PROTECTION



**X-ray equipment if not properly used may cause injury. Accordingly, the instructions herein contained should be thoroughly read and understood by everyone who will use the equipment before you attempt to place this equipment in operation. The General Electric Company, Medical Systems Group, will be glad to assist and cooperate in placing this equipment in use.**

Although this apparatus incorporates a high degree of protection against x-radiation other than the useful beam, no practical design of equipment can provide complete protection. Nor can any practical

design compel the operator to take adequate precautions to prevent the possibility of any persons carelessly exposing themselves or others to radiation.

It is important that everyone having anything to do with x-radiation be properly trained and fully acquainted with the recommendations of the National Council on Radiation Protection and Measurements as published in NCRP Reports available from NCRP Publications, 7910 Woodmont Avenue, Room 1016, Bethesda, Maryland 20814, and of the International Commission on Radiation Protec-

tion, and take adequate steps to protect against injury.

The equipment is sold with the understanding that the General Electric Company, Medical Systems Group, its agents, and representatives have no responsibility for injury or damage which may result from improper use of the equipment.

Various protective material and devices are available. It is urged that such materials or devices be used.

**CAUTION:** United States Federal law restricts this device to use by or on the order of a physician.

*THIS PAGE INTENTIONALLY LEFT BLANK.*

If you have any comments, suggestions or corrections to the information in this document, please write them down, include the document title and document number, and send them to:

**GENERAL ELECTRIC COMPANY MEDICAL SYSTEMS**  
 MANAGER – INFORMATION INTEGRATION,  
 AMERICAS W-622  
 P.O. BOX 414  
 MILWAUKEE, WI 53201-0414

## CERTIFIED ELECTRICAL CONTRACTOR STATEMENT

All electrical installations that are preliminary to positioning of the equipment at the site prepared for the equipment shall be performed by licensed electrical contractors. In addition, electrical feeds into the Power Distribution Unit shall be performed by licensed electrical contractors. Other connections between pieces of electrical equipment, calibrations, and testing shall be

performed by qualified GE Medical personnel. The products involved (and the accompanying electrical installations) are highly sophisticated, and special engineering competence is required. In performing all electrical work on these products, GE will use its own specially trained field engineers. All of GE's electrical work on these products will comply with the

requirements of the applicable electrical codes.

The purchaser of GE equipment shall only utilize qualified personnel (i.e., GE's field engineers, personnel of third-party service companies with equivalent training, or licensed electricians) to perform electrical servicing on the equipment.

## DAMAGE IN TRANSPORTATION

All packages should be closely examined at time of delivery. If damage is apparent, have notation "**damage in shipment**" written on **all** copies of the freight or express bill **before** delivery is accepted or "signed for" by a General Electric representative or a hospital receiving agent. Whether noted or concealed, damage **MUST** be reported to the carrier **immediately**

upon discovery, or in any event, within **14** days after receipt, and the contents and containers held for inspection by the carrier. A transportation company will not pay a claim for damage if an inspection is not requested within this **14** day period.

Call Traffic and Transportation, Milwaukee, WI (414) 827-3449 /

8\*285-3449 **immediately** after damage is found. At this time be ready to supply name of carrier, delivery date, consignee name, freight or express bill number, item damaged and extent of damage.

Complete instructions regarding claim procedure are found in Section "S" of the Policy & Procedure Bulletins.

*THIS PAGE INTENTIONALLY LEFT BLANK.*



### TABLE OF CONTENTS

LOCATION CODE	TITLE	PAGE NUMBER
	Introduction .....	1-1
	Component Locaiton Diagram .....	2-1
	XT Suspension – Overall Schematic ..... 2102424sch	3-1
	XT Control Board (New Style) ..... 2146642sch	4-1
	XT Control Board (Old Style) ..... 46-321286s	5-1
	SID Sensor Board .....	46-321272s 6-1
	XT/R&F Positioner Cabinet Harness .....	2101823sch 7-1
	XT/RAD Positioner Cabinet Harness .....	2114481sch 8-1

*THIS PAGE INTENTIONALLY LEFT BLANK.*

**REVISION HISTORY**

REV	DATE	REASON FOR CHANGE
A	July 15, 1994	Preliminary release.
0	Sept 22, 1994	Initial release.
1	Nov. 1, 1994	Added schematic 2101823sch due to its release.
2	May 19, 1995	Updated schematics and added schematic 2114481sch due to its release.
3	Jan. 19, 1996	Updated schematic 2102424; added schematic 2146642.
4	Feb. 18, 1997	Updated Section 1.
5	October 26, 1998	Updated Section 1: Note added for 240V systems.

**LIST OF EFFECTIVE PAGES**

PAGE NUMBER	REVISION NUMBER	PAGE NUMBER	REVISION NUMBER	PAGE NUMBER	REVISION NUMBER
Title Page	5				
i thru x	5				
1-1 and 1-2	5				
2-1 and 2-2	5				
3-1 and 3-2	5				
4-1 thru 4-6	5				
5-1 thru 5-6	5				
6-1 and 6-2	5				
7-1 and 7-2	5				
8-1 and 8-2	5				

*THIS PAGE INTENTIONALLY LEFT BLANK.*

**SECTION 1  
INTRODUCTION**

The Advantx XT Radiographic Suspension contains its own power supply for the DC locks. (120 VAC)\* is applied to the primary of power transformer 6T1. This voltage is stepped down by the secondaries and rectified by bridge rectifier 6CR27 to provide + 24VDC to the relay and lock circuits.

The lock switches apply or remove + 24VDC from the coils of the relays mounted on the XT control board. The relay contacts, in turn, apply or remove + 24VDC from the lock coils.

Note that not all lock coils are energized when system power is "on". Both the vertical and angulation locks are of the permanent magnetic type with solenoid release. They remain on when the system power is "off". They can be released only when power is "on" and their respective switches are depressed. The other locks are of the electromagnetic type and are off when the system power is "off". They are applied when the power is "on" and their switches are in the up position (not depressed).

Contacts of relay 20K5 are wired into the coil circuits of relays 6TB1-KB and K13 to ensure that the angulation and longitudinal locks are released before a tomographic excursion is begun.

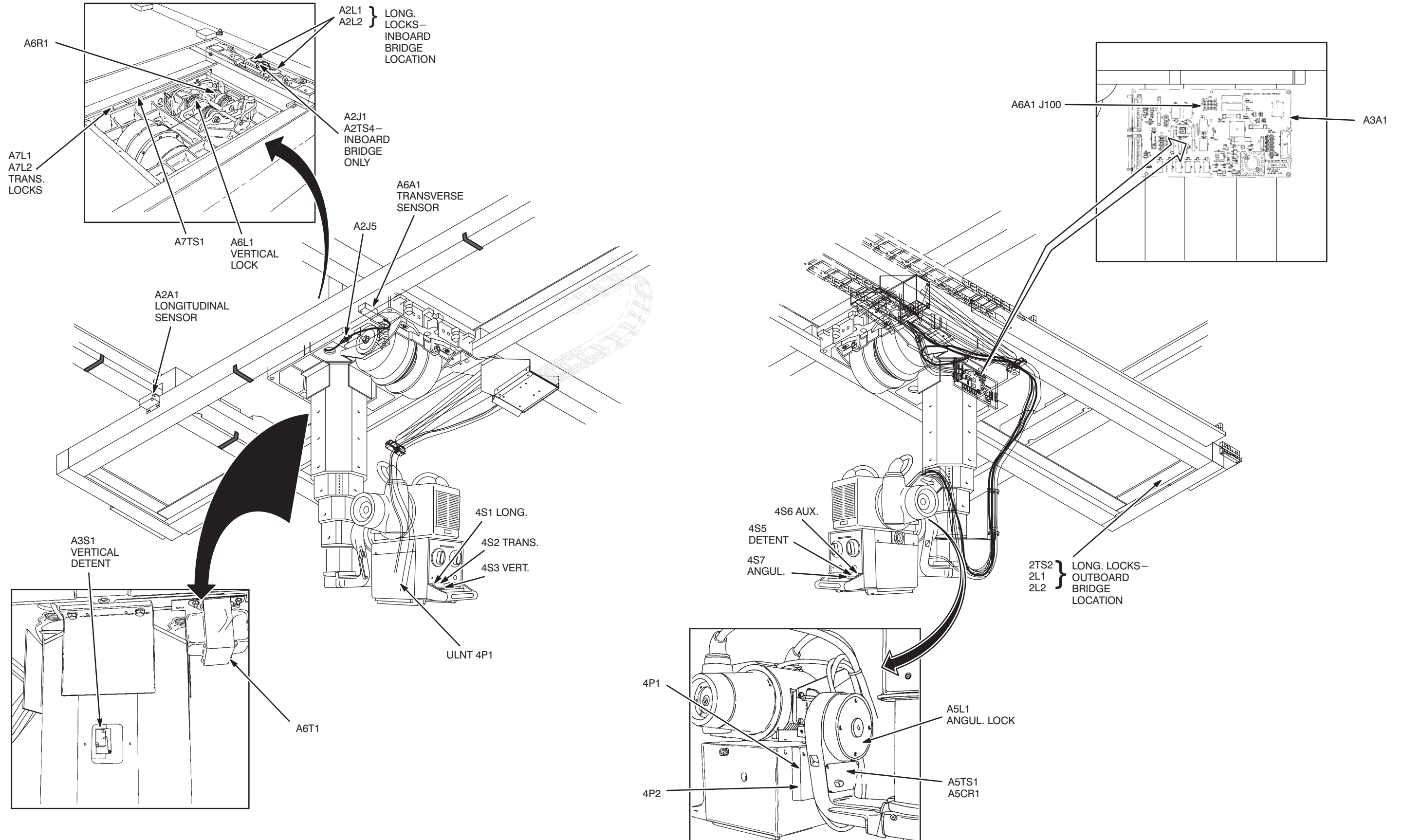
XT Suspension circuitry interfaces with automatic collimator circuits to provide electrical detenting when the x-ray tube unit is positioned at one of the discrete SID positions for table vertical or chest unit work. The automatic collimator interlock is wired into the coil circuit of 6TB1-K21. The coil of 6TB1-K21 is energized when a discrete SID position is reached and, with the LONG and DETENT switches depressed. The longitudinal locks are energized through the closed contacts of 6TB1-K21.

**\*Note:**

240V with MPH systems (COMPAX or PRESTIGE).  
In this case (240 VAC), replace the two 5A fuses with two 2A slow blow fuses.

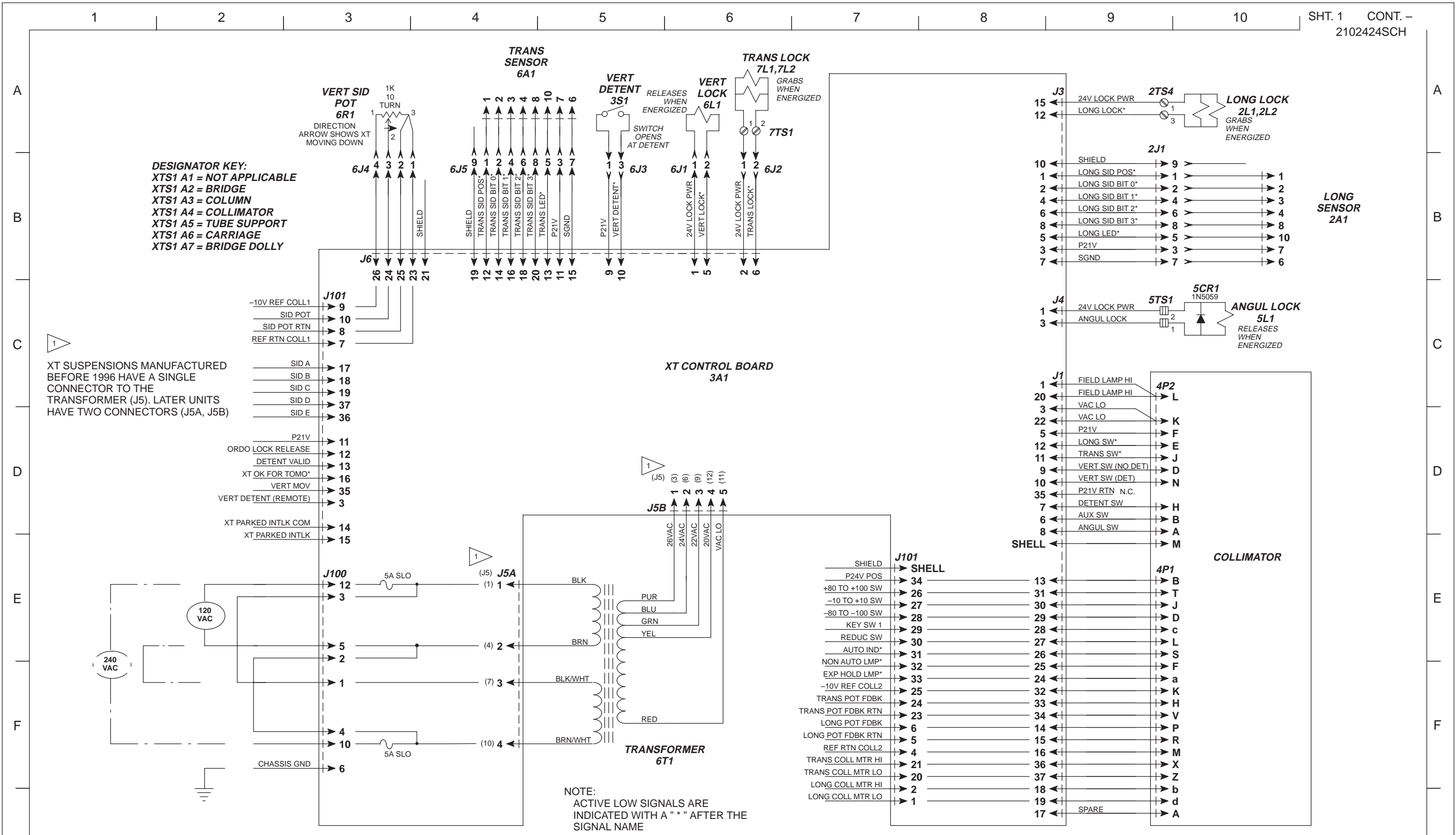
*THIS PAGE INTENTIONALLY LEFT BLANK.*

ILLUSTRATION 1  
COMPONENT LOCATION DIAGRAM



*THIS PAGE INTENTIONALLY LEFT BLANK.*

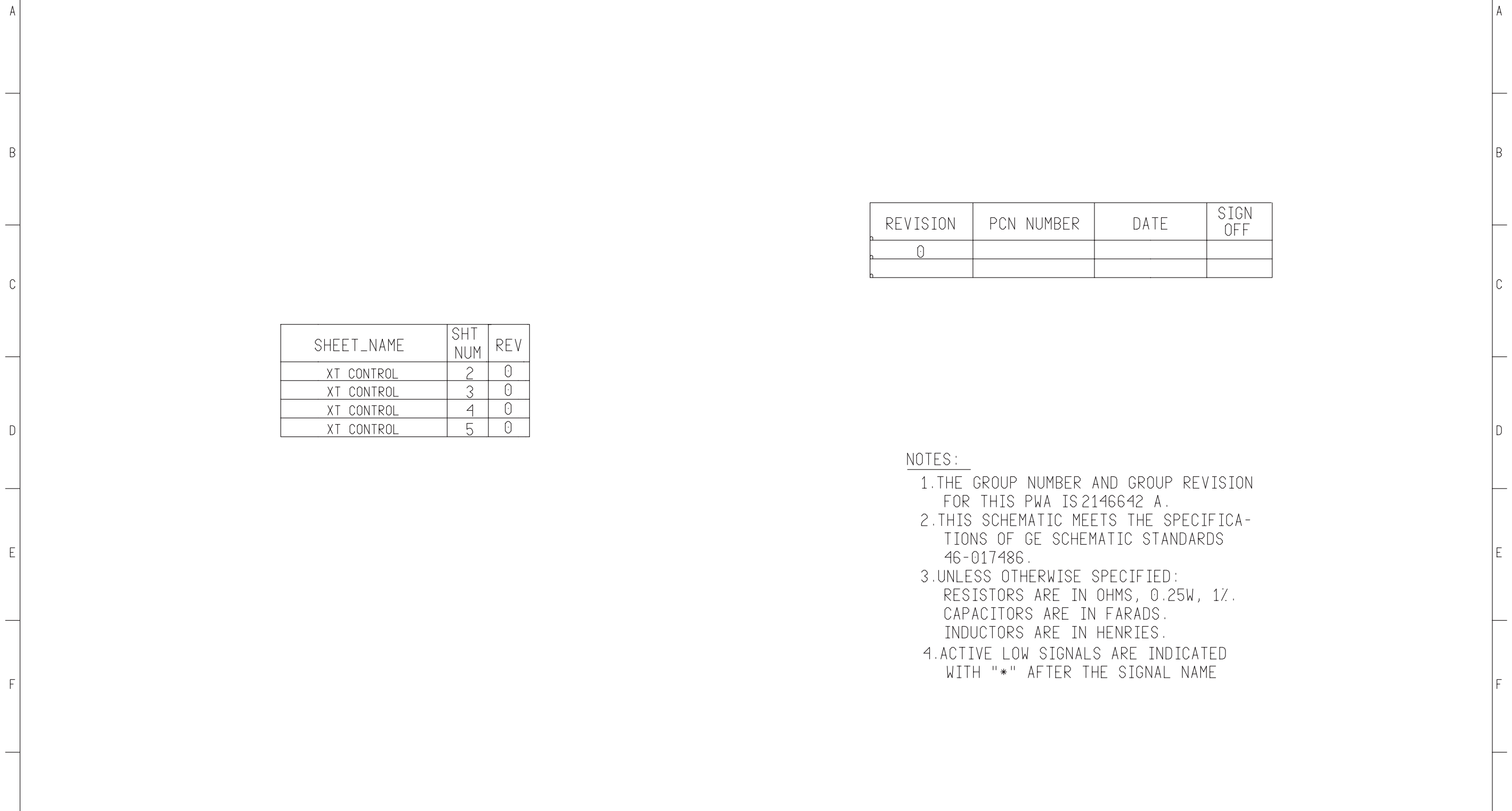




PATHNAME /user/xt/DOCUMENTS/2102424SCH (interleaf 5.0)				MADE DAVID D. VOIGHT		DATE 94APR28		DESIGN TITLE: OVERALL SCHEMATIC — XT SUSPENSION	
REV 3 PCN 196903 DESCRIPTION - 4P1 WAS 4P2, 4P2 WAS 4P1				CHECK JAMES WOODS		DATE 94APR28		FIRST MADE FOR: R&F PROD XT	
MADE BY DAVID D. VOIGHT DATE 94JUN24 APPR BY DAVID D. VOIGHT DATE 96OCT28				APPR DAVID D. VOIGHT		DATE 94APR28		DRAWING NO. 2102424SCH	
REV 2 PCN DESCRIPTION - ADD J5A, J5B, NOTE 1, J1-35				OTHER T. HELMINIAK		DATE 94APR29		REV 3	
MADE BY DAVID D. VOIGHT DATE 95NOV30 APPR BY DAVID D. VOIGHT DATE 95NOV30								SIZE B	
								SHT. / CONT. ON 1 / -	

*THIS PAGE INTENTIONALLY LEFT BLANK.*

1 2 3 4 5 6 7 8 9 10 SHT. 1 CONT. 2  
2146642SCH



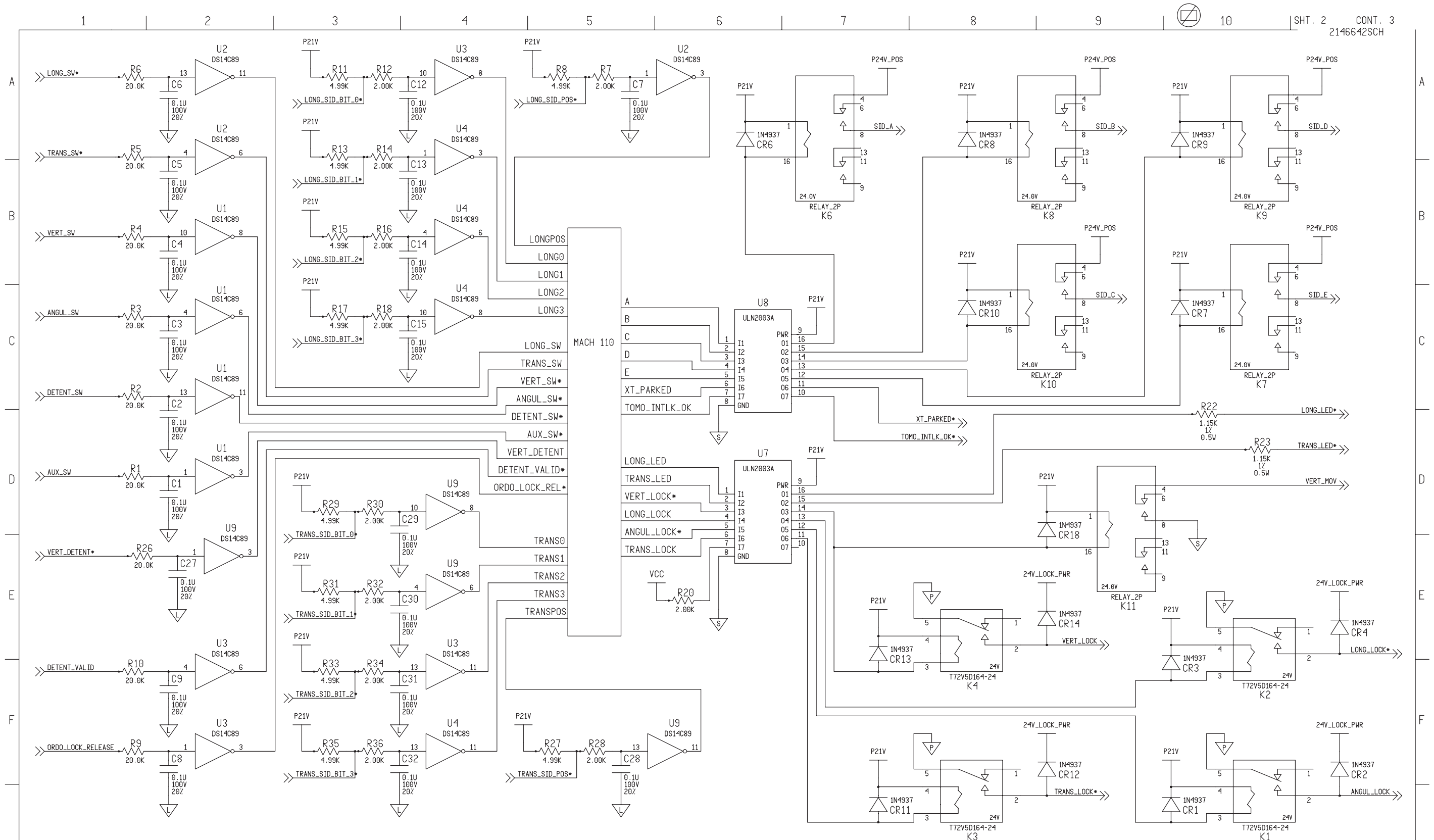
REVISION	PCN NUMBER	DATE	SIGN OFF
0			

SHEET_NAME	SHT NUM	REV
XT CONTROL	2	0
XT CONTROL	3	0
XT CONTROL	4	0
XT CONTROL	5	0

NOTES:

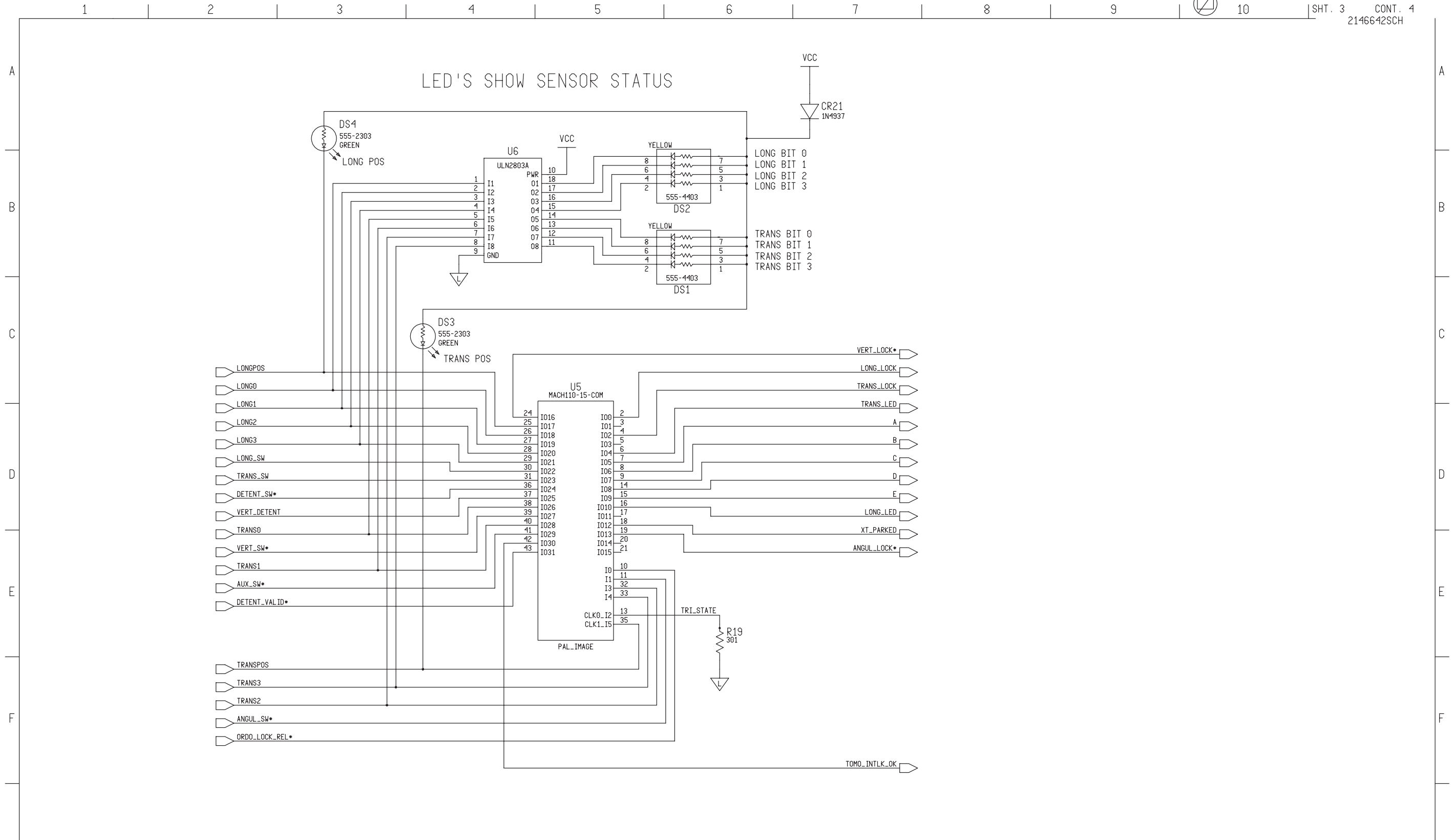
1. THE GROUP NUMBER AND GROUP REVISION FOR THIS PWA IS 2146642 A.
2. THIS SCHEMATIC MEETS THE SPECIFICATIONS OF GE SCHEMATIC STANDARDS 46-017486.
3. UNLESS OTHERWISE SPECIFIED:  
RESISTORS ARE IN OHMS, 0.25W, 1%.  
CAPACITORS ARE IN FARADS.  
INDUCTORS ARE IN HENRIES.
4. ACTIVE LOW SIGNALS ARE INDICATED WITH "\*" AFTER THE SIGNAL NAME

BLOCK PATHNAME \$GEMS_XR_xt_controller_ASM/xt_controller					BLOCK SHT 1 OF 5							
REV 1	PCN	DESCRIPTION	MADE	Jim Woods	DATE	31/AUG/95	GE MEDICAL SYSTEMS		DESIGN TITLE XT CONTROL			
MADE BY		DATE	APPR BY		DATE		MILWAUKEE, WI USA		FIRST MADE FOR R & F PROD XT			
REV 2	PCN	DESCRIPTION	APPR		DATE				DRAWING NO.	REV	SIZE	SHT/CONT. ON
MADE BY		DATE	OTHER		DATE				2146642SCH	0	B	1 / 2

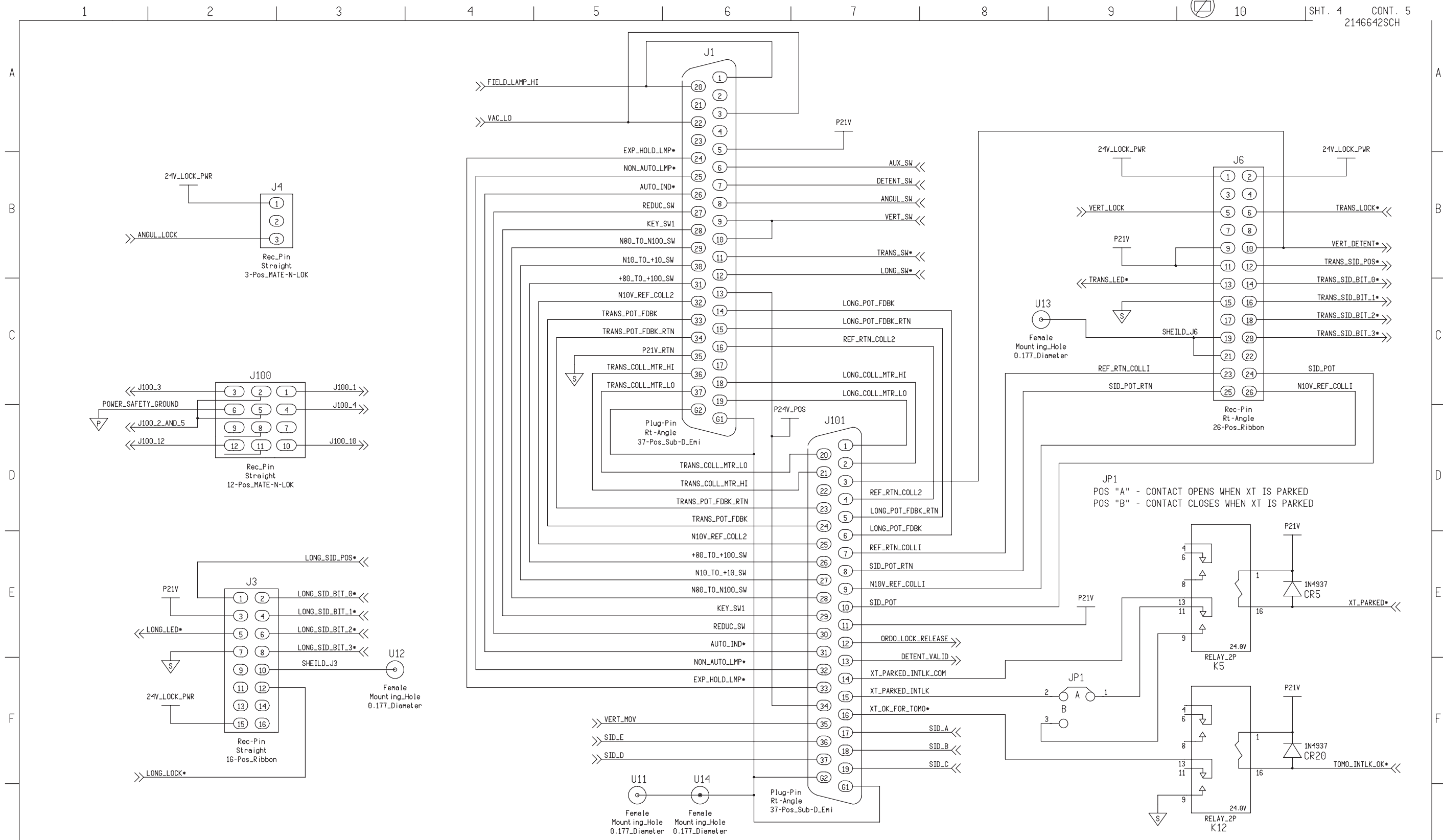


SHT. 2 CONT. 3  
2146642SCH

BLOCK PATHNAME \$GEMS_XR_xt_controller_ASM/xt_controller				BLOCK SHT 2 OF 5			
REV 1	PCN	DESCRIPTION	DATE	MADE	Jim Woods	DATE	31/AUG/95
MADE BY				CHECK		DATE	
REV 2	PCN	DESCRIPTION	DATE	APPR		DATE	
MADE BY				OTHER		DATE	
				GE MEDICAL SYSTEMS		DESIGN TITLE XT CONTROL	
				MILWAUKEE, WI USA		FIRST MADE FOR R & F PROD XT	
						DRAWING NO.	2146642SCH
						REV 0	SIZE B
						SHT/CONT. ON 2 / 3	

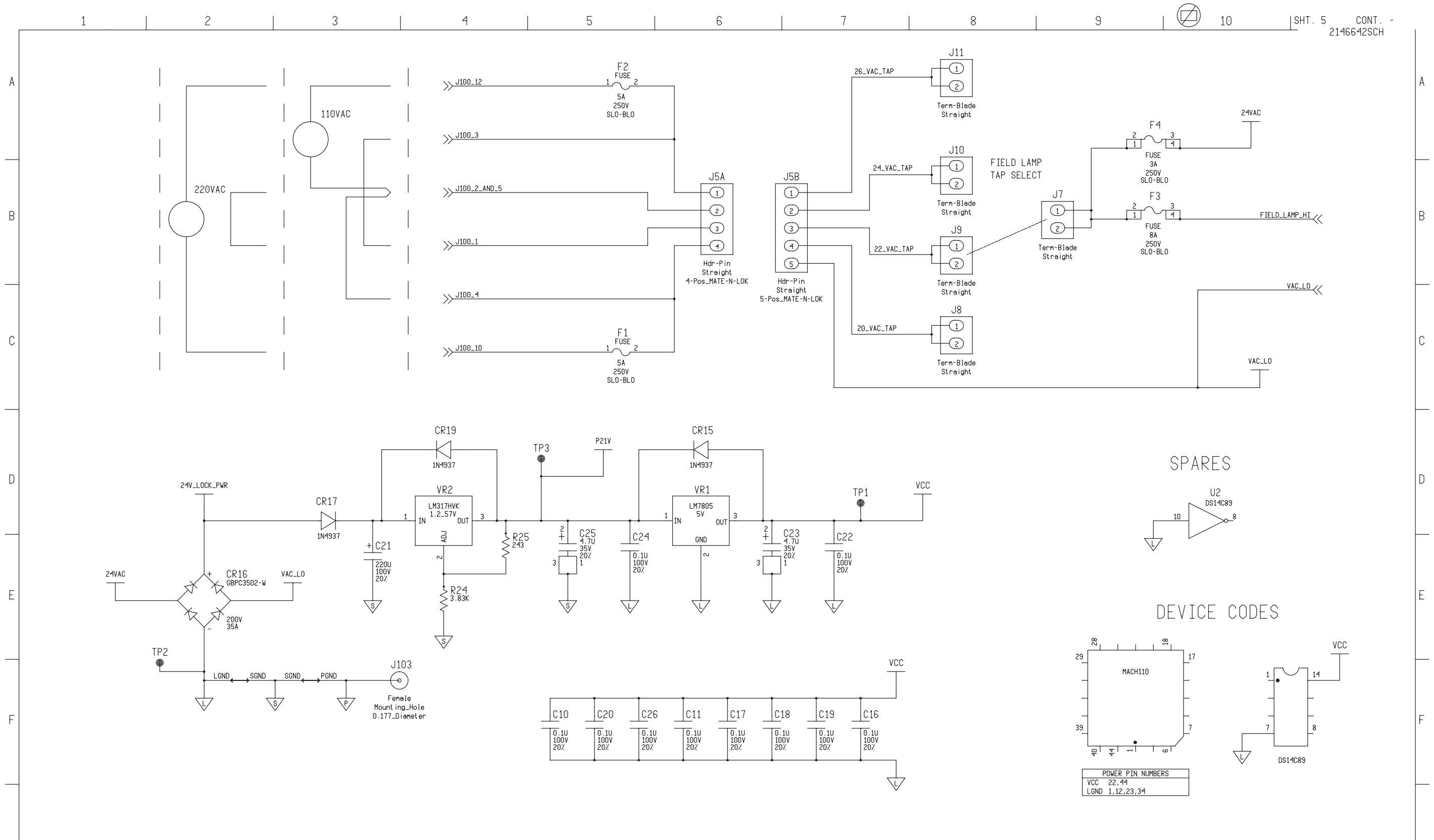


BLOCK PATHNAME \$GEMS_XR_xt_controller_ASM/xt_controller/mach110					BLOCK SHT 1 OF 1					
REV 1	PCN	DESCRIPTION	APPR BY	DATE	MADE	Jim Woods	DATE	5/SEP/95	DESIGN TITLE XT CONTROLLER	
MADE BY		DATE			CHECK		DATE		FIRST MADE FOR R & F PROD XT	
REV 2	PCN	DESCRIPTION	APPR BY	DATE	APPR		DATE		GE MEDICAL SYSTEMS	DRAWING NO.
MADE BY		DATE			OTHER		DATE		MILWAUKEE, WI USA	2146642SCH
										REV 0
										SIZE B
										SHT/CONT. ON 3 / 4



SHT. 4 CONT. 5  
2146642SCH

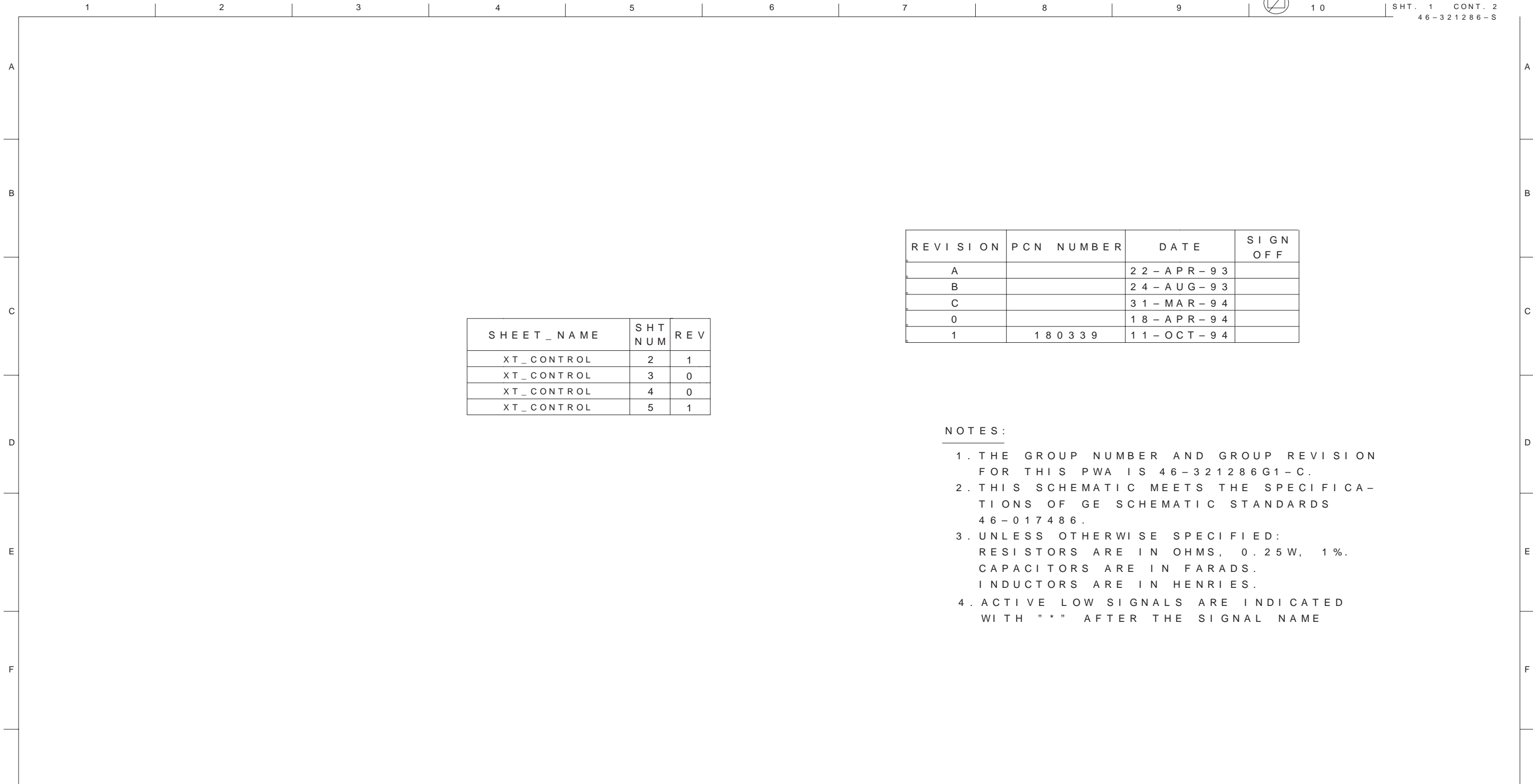
BLOCK PATHNAME \$GEMS_XR_xt_controller_ASM/xt_controller					BLOCK SHT 3 OF 4				
REV 1	PCN	DESCRIPTION	MADE	DATE	DATE	DATE	DATE	DATE	DATE
MADE BY			Jim Woods	5/SEP/95					
REV 2	PCN	DESCRIPTION	APPR BY	DATE	DATE	DATE	DATE	DATE	DATE
MADE BY									
DESIGN TITLE XT CONTROL								REV 0	SIZE B
FIRST MADE FOR R & F PROD XT								SHT/CONT. ON 4 / 5	
DRAWING NO. 2146642SCH									



BLOCK PATHNAME \$GEMS_XR_xt_controller_ASM/xt_controller				BLOCK SHT 5 OF 5			
REV 1	PCN	DESCRIPTION	DATE	MADE	Jim Woods	DATE	12/SEP/95
MADE BY				CHECK		DATE	
REV 2	PCN	DESCRIPTION	DATE	APPR	OTHER	DATE	
MADE BY						DATE	
				GE MEDICAL SYSTEMS		DESIGN TITLE XT CONTROL	
				MILWAUKEE, WI USA		FIRST MADE FOR R & F PROD XT	
				DRAWING NO. 2146642SCH		REV 0	SIZE B
						SHT/CONT. ON 5 / -	

*THIS PAGE INTENTIONALLY LEFT BLANK.*





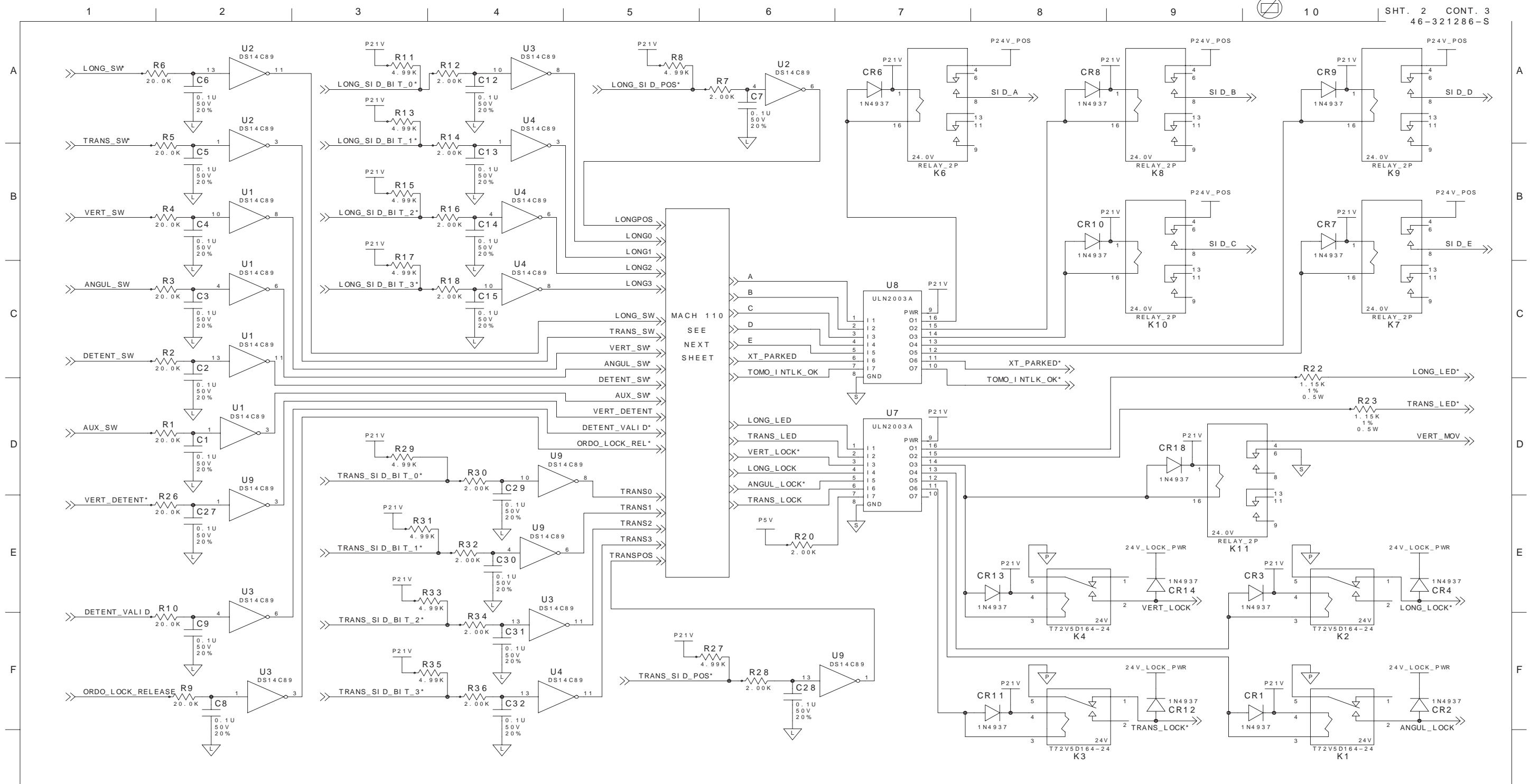
SHEET_NAME	SHT NUM	REV
XT_CONTROL	2	1
XT_CONTROL	3	0
XT_CONTROL	4	0
XT_CONTROL	5	1

REVISION	PCN NUMBER	DATE	SIGN OFF
A		22-APR-93	
B		24-AUG-93	
C		31-MAR-94	
0		18-APR-94	
1	180339	11-OCT-94	

NOTES:

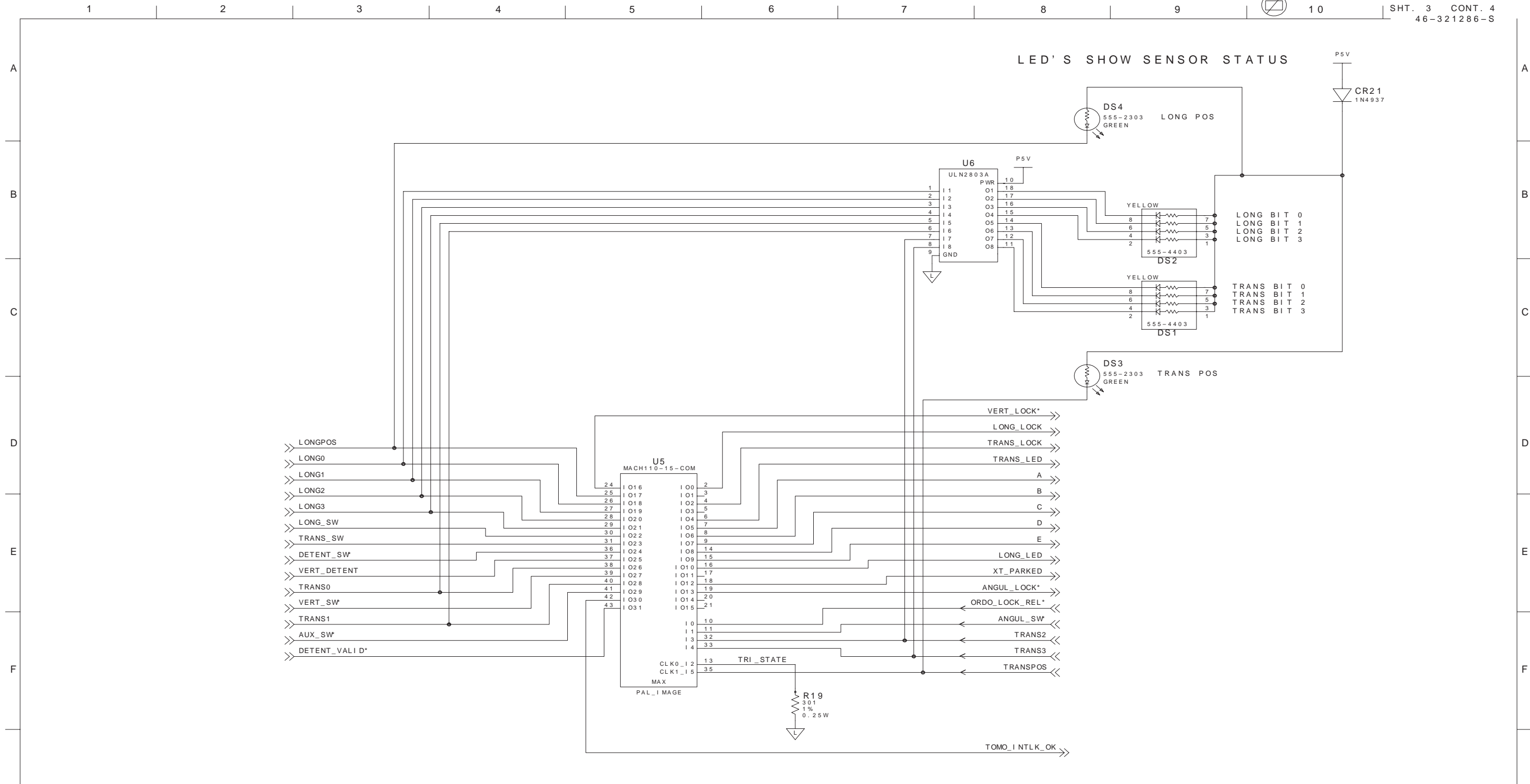
1. THE GROUP NUMBER AND GROUP REVISION FOR THIS PWA IS 46-321286G1-C.
2. THIS SCHEMATIC MEETS THE SPECIFICATIONS OF GE SCHEMATIC STANDARDS 46-017486.
3. UNLESS OTHERWISE SPECIFIED:  
RESISTORS ARE IN OHMS, 0.25W, 1%.  
CAPACITORS ARE IN FARADS.  
INDUCTORS ARE IN HENRIES.
4. ACTIVE LOW SIGNALS ARE INDICATED WITH "\*" AFTER THE SIGNAL NAME

BLOCK PATHNAME /user/xt/control				BLOCK SHT 1 OF 5								
REV 1 PCN 180339	DESCRIPTION	MADE BY GT	DATE 11OCT94	APPR BY	DATE	MADE DAVID D VOIGHT	DATE 13OCT92	GE MEDICAL SYSTEMS	DESIGN TITLE XT CONTROL	REV	SIZE	SHT. / CONT. ON
MADE BY	DESCRIPTION	DATE	APPR BY	DATE	OTHER MPH	CHECK	DATE	Milwaukee, WI USA	FIRST MADE FOR R & F PROD XT	1	B	1/2
REV 2 PCN	DESCRIPTION	DATE	APPR BY	DATE	OTHER MPH	APPR JWW	DATE 19APR94		DRAWING NO.			
MADE BY	DESCRIPTION	DATE	APPR BY	DATE	OTHER MPH	OTHER MPH	DATE 28APR94		46-321286-S			

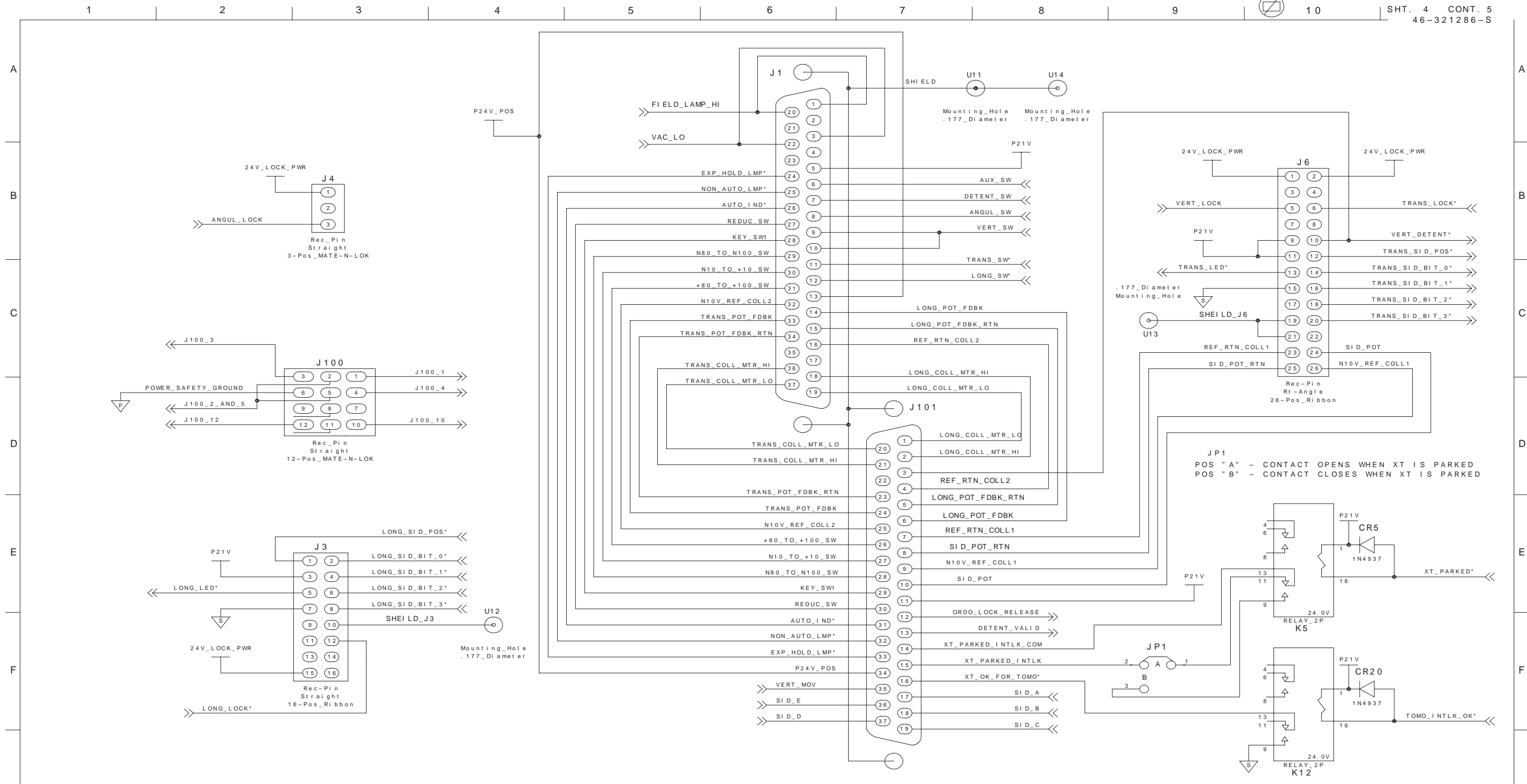


SHT. 2 CONT. 3  
46-321286-S

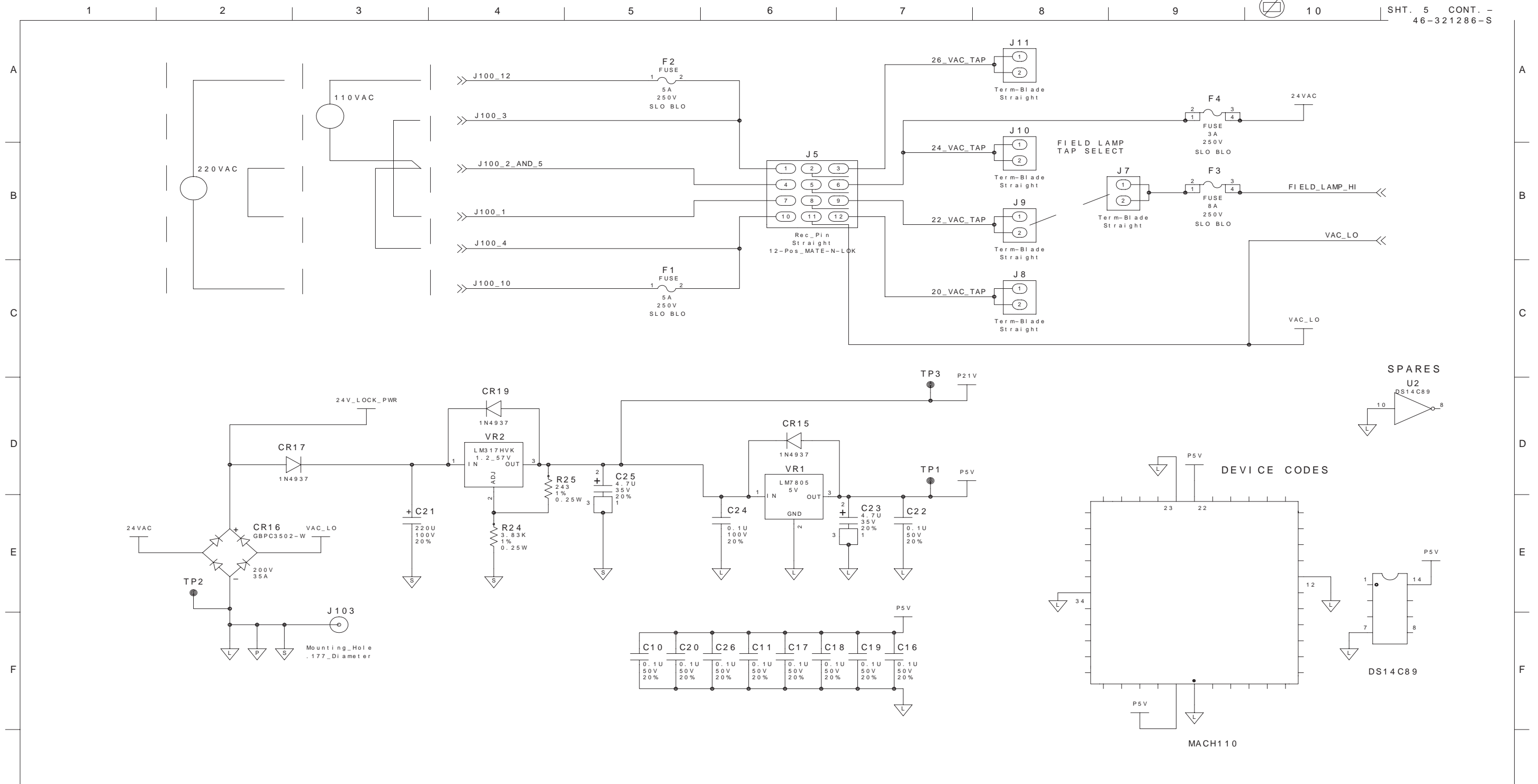
BLOCK PATHNAME /user/xt/control				BLOCK SHT 2 OF 5							
REV 1 PCN 180339	DESCRIPTION	MADE BY GT	DATE 11OCT94	APPR BY	DATE	MADE DAVID D VOIGHT	DATE 13OCT92	DESIGN TITLE XT CONTROL	REV 1	SIZE B	SHT. / CONT. ON 2/3
REV 2 PCN	DESCRIPTION	MADE BY	DATE	APPR BY	DATE	CHECK APPR JWW OTHER MPH	DATE 19APR94 DATE 28APR94	FIRST MADE FOR R & F PROD XT			
GE MEDICAL SYSTEMS Milwaukee, WI USA							DRAWING NO. 46-321286-S				



BLOCK PATHNAME /user/xt/control				BLOCK SHT 3 OF 5			
REV 1 PCN	DESCRIPTION	APPR BY	DATE	MADE DAVID D VOIGHT	DATE 13OCT92	DESIGN TITLE XT CONTROL	
MADE BY	DATE			CHECK	DATE	FIRST MADE FOR R & F PROD XT	
REV 2 PCN	DESCRIPTION	APPR BY	DATE	APPR	DATE	GE MEDICAL SYSTEMS	DRAWING NO.
MADE BY	DATE			OTHER	DATE	Milwaukee, WI USA	46-321286-S
1	2	3	4	5	6	7	8
							9
							10
							11
							REV 0
							SIZE B
							SHT. / CONT. ON
							3/4



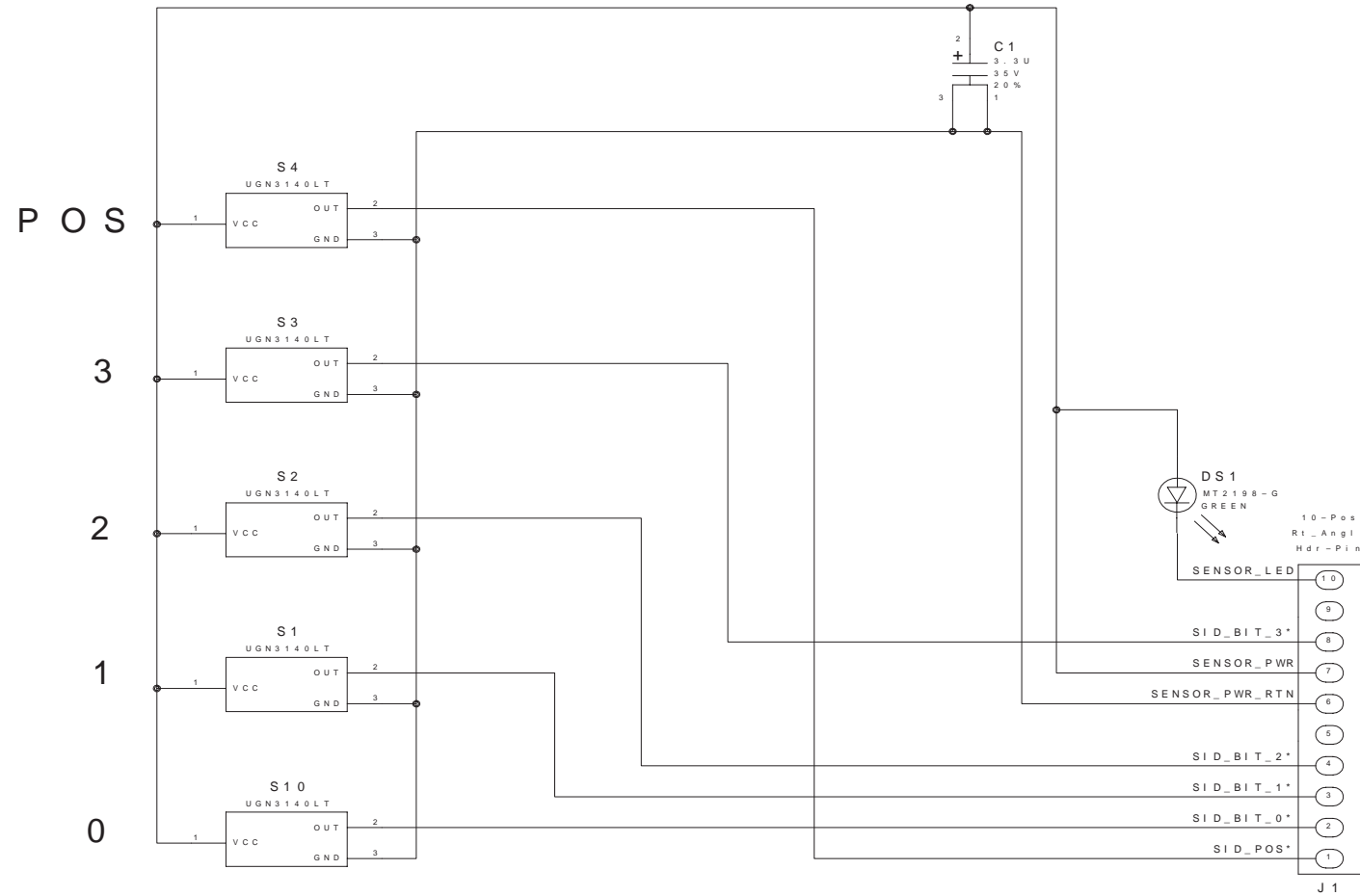
BLOCK PATHNAME /user/xt/control				BLOCK SHT 4 OF 5				DESIGN TITLE XT CONTROL						
REV 1	PCN	DESCRIPTION	DATE	MADE BY	CHECK	DATE	DATE	GE MEDICAL SYSTEMS	FIRST MADE FOR R & F PROD XT	DRAWING NO.	REV	SIZE	SHT. / CONT.	ON
MADE BY		DATE		APPR BY	APPR	DATE	DATE	Milwaukee, WI USA		46-321286-S	0	B	4/5	
REV 2	PCN	DESCRIPTION	DATE	MADE BY	CHECK	DATE	DATE							
MADE BY		DATE		APPR BY	APPR	DATE	DATE							



BLOCK PATHNAME /user/xt/control				BLOCK SHT 5 OF 5				44 1				
REV 1 PCN 180339	DESCRIPTION	MADE BY GT	DATE 11OCT94	APPR BY	DATE	MADE DAVID D VOIGHT	DATE 13OCT92	GE MEDICAL SYSTEMS	DESIGN TITLE XT CONTROL	REV 1	SIZE B	SHT. / CONT. ON
REV 2 PCN	DESCRIPTION	MADE BY	DATE	APPR JWW	DATE 19APR94	APPR JWW	DATE 28APR94	Milwaukee, WI USA	FIRST MADE FOR R & F PROD XT			5/-
REV 2 PCN	DESCRIPTION	MADE BY	DATE	OTHER MPH	DATE 28APR94				DRAWING NO. 46-321286-S			

*THIS PAGE INTENTIONALLY LEFT BLANK.*

REVISION	PCN NUMBER	DATE	SIGN OFF
0	-----	3 / MAR / 94	
1	180276	19 - OCT - 94	



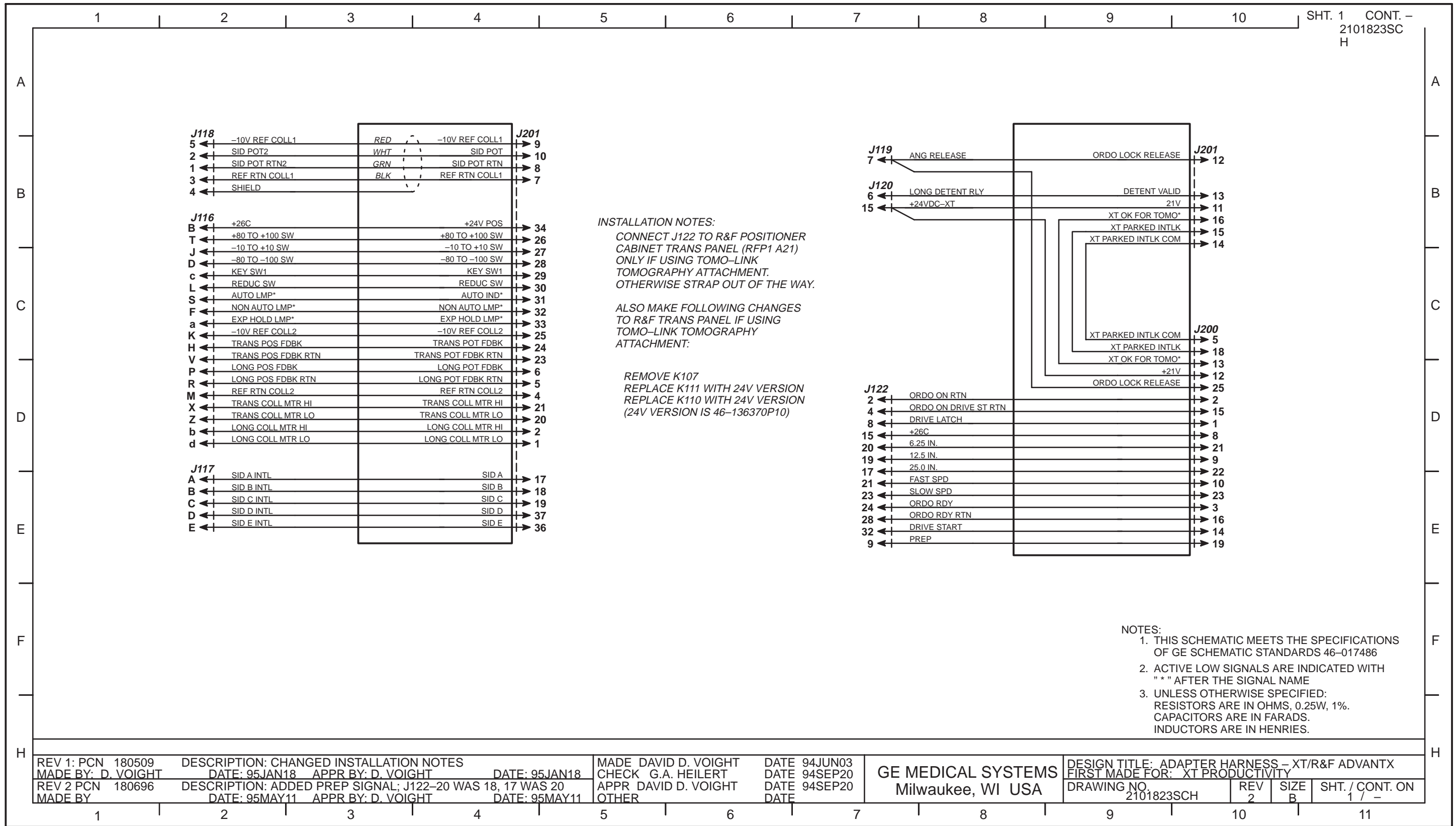
NOTES:

1. THE GROUP NUMBERS AND GROUP REVISIONS FOR THIS PWA ARE 46-321272G1-E.
2. THIS SCHEMATIC MEETS THE SPECIFICATIONS OF GE SCHEMATIC STANDARDS 46-017486.
3. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 0.25W, 1% AND ARE IN OHMS.
4. ACTIVE LOW SIGNALS ARE INDICATED WITH "\*" AFTER THE SIGNAL NAME

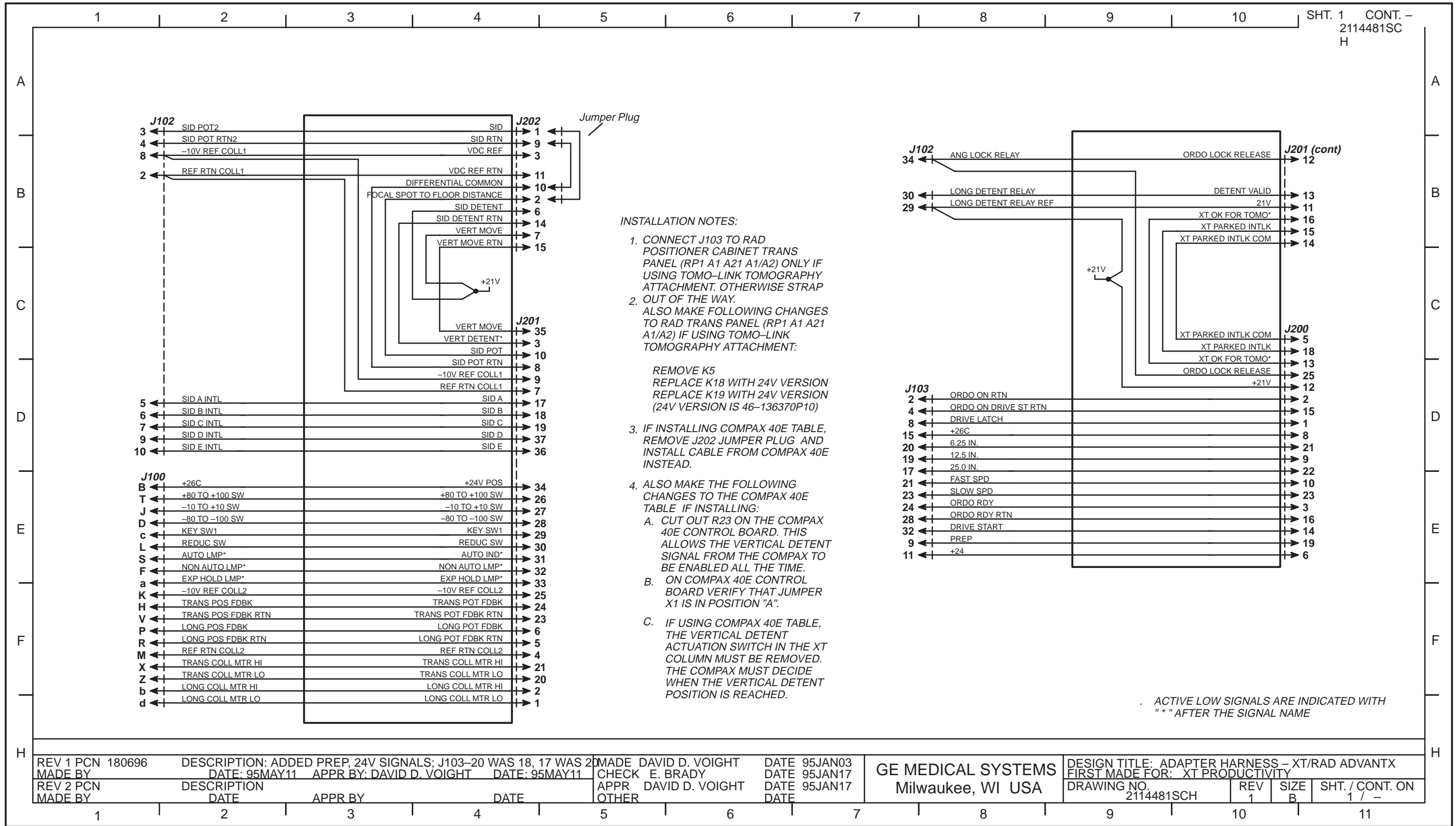
BLOCK PATHNAME		/user/xt/sensor SHEET 1 OF 1			
REV 1	SID SENSOR BOARD		LOCATION CODE	APPROVALS	REVISIONS
DRAWING NO.	FIRST MADE FOR XT		XTS1-A6-A1	JWW	1 JWW 19 OCT 94
46-321272-S	MADE BY		MILWAUKEE WI	22 MAR 94	PCN180276
SHT. NO. 1	DATE	ISSUED	PRINTS TO 404		
CONT. ON SHT. NO. -	D. VOI GHT 09-NOV-92	D. VOI GHT 09-MAR-94			

*THIS PAGE INTENTIONALLY LEFT BLANK.*





*THIS PAGE INTENTIONALLY LEFT BLANK.*



*THIS PAGE INTENTIONALLY LEFT BLANK.*