

Technical Publication
SC-1236R0
SUMMIT P/N 09530-008 REV. A

Schematics

X-ray System

REVISION HISTORY

REVISION	DATE	REASON FOR CHANGE
<i>Refer to each schematic</i>		

This Document is the English original version, edited and supplied by the manufacturer.

The Revision state of this Document is indicated in the code number shown at the bottom of this page.

ADVISORY SYMBOLS

The following advisory symbols will be used throughout this manual. Their application and meaning are described below.



DANGERS ADVISE OF CONDITIONS OR SITUATIONS THAT IF NOT HEHEDED OR AVOIDED WILL CAUSE SERIOUS PERSONAL INJURY OR DEATH.



ADVISE OF CONDITIONS OR SITUATIONS THAT IF NOT HEHEDED OR AVOIDED COULD CAUSE SERIOUS PERSONAL INJURY, OR CATASTROPHIC DAMAGE OF EQUIPMENT OR DATA.



Advise of conditions or situations that if not heeded or avoided could cause personal injury or damage to equipment or data.

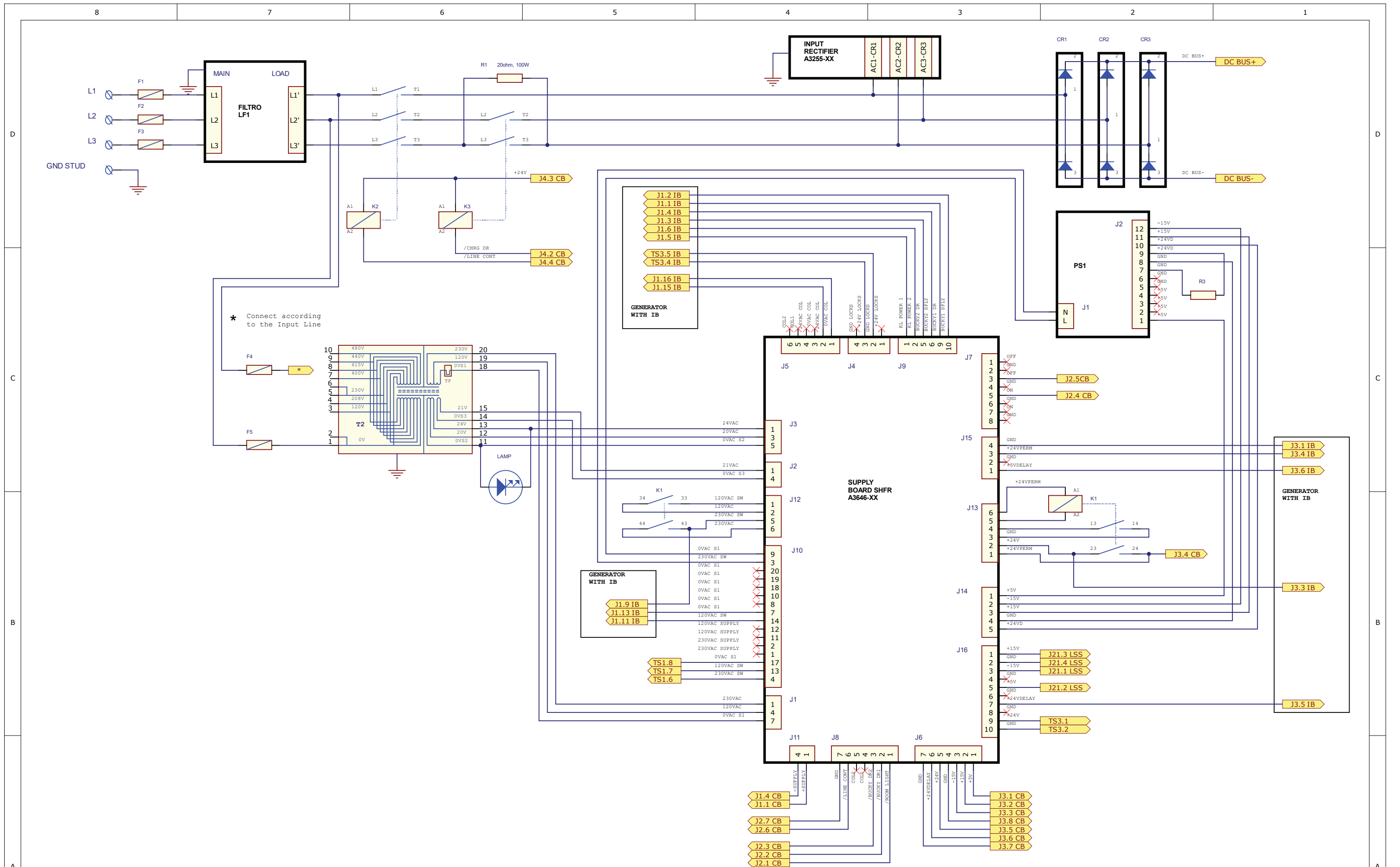
Note 

Alert readers to pertinent facts and conditions. Notes represent information that is important to know but which do not necessarily relate to possible injury or damage to equipment.

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SCH. No.	REV.	SCHEMATIC	REMARKS
GENERATOR AND POSITIONERS			
54302260	H	SHFR Generator	
6008000	B	Internal Device Interconnection Challenge-X Ceiling Suspension	
6006000	E	Internal Device Interconnection NET 400/500 Table	
6007000	D	Internal Device Interconnection WS CHX Tilting Rotation	For systems with Wall Stand with Tilting and Rotation
6070086	C	Internal Device Interconnection WS CHX Tilting no Rotation	For systems with Wall Stand with Tilting and w/o Rotation
6007004	E	Internal Device Interconnection CHX Wall Stand w/o Tilting	For systems with Wall Stand w/o Tilting
DEVICES INTERCONNECTIONS			
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6070148	A	Power Supply Room Interconnection ChallengeX System CHAP - TABLE - WS TILT NO ROT CHX - SHFR	For systems with Wall Stand with Tilting and w/o Rotation
6070149	A	Power Supply Room Interconnection ChallengeX System CHAP - TABLE CHX - WS NO TILT CHX - SHFR	For systems with Wall Stand w/o Tilting
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ROOM INTERFACES			
6070308	B	Image System Interface Diagram - RAD OTC CHX - iRAY MARS - PRIMO - SHFR	

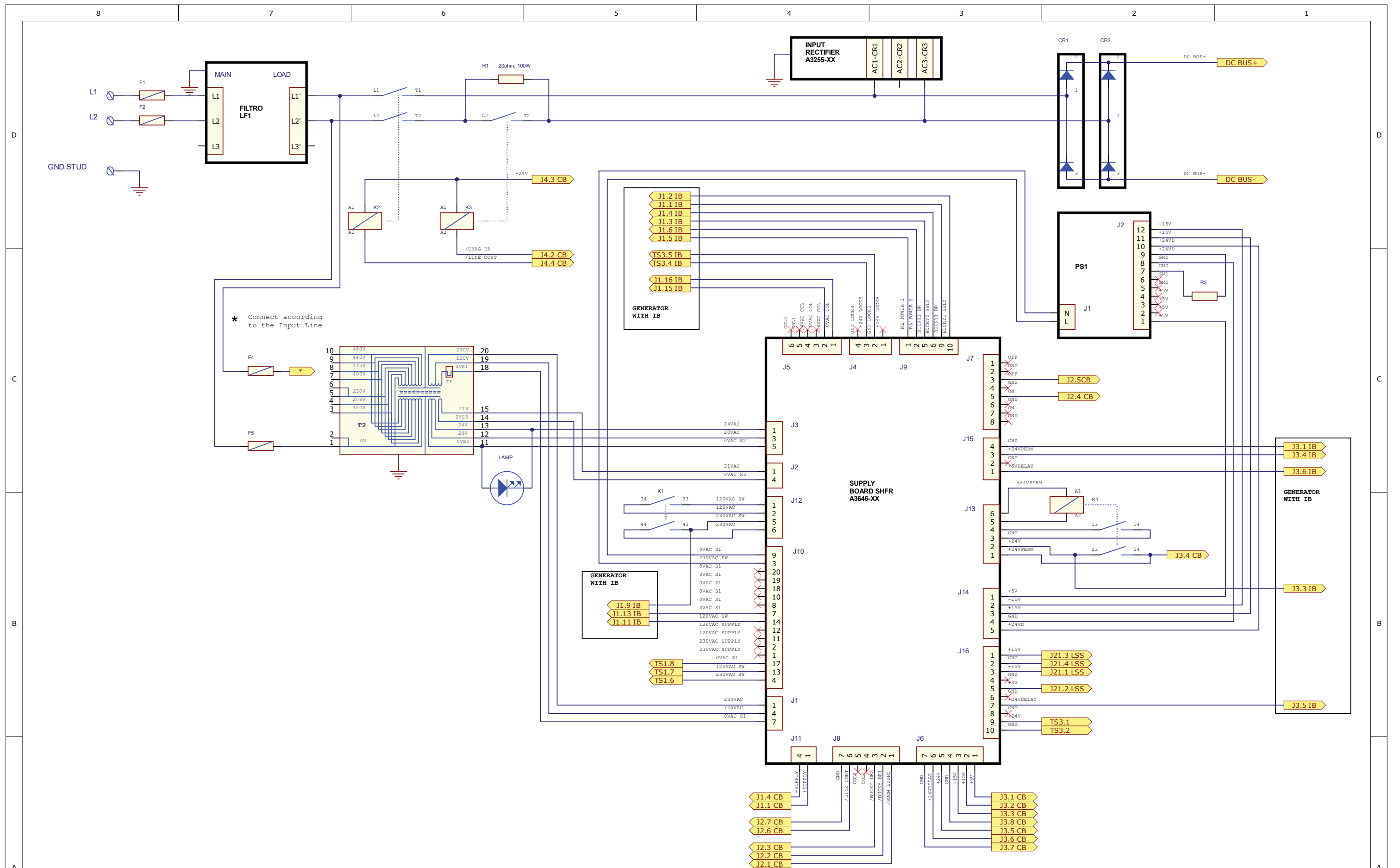
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THIS SHEET ONLY APPLIES TO
THREE PHASE GENERATORS

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 54302260		PCB:	
F	NC15/0118	R. Asenjo	30/11/15				F	E	D	H G ← REV
E	NC14/0430	R. Asenjo	17/12/14	DRAWING	R. Asenjo	03/03/14				
D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Díaz	03/03/14				
H	NC19/0304	R. Asenjo	04/12/20							
G	NC19/0305	R. Hermosilla	16/07/19							
							SEDECAL		CONFIDENTIAL	
									GENERADOR SHFR	

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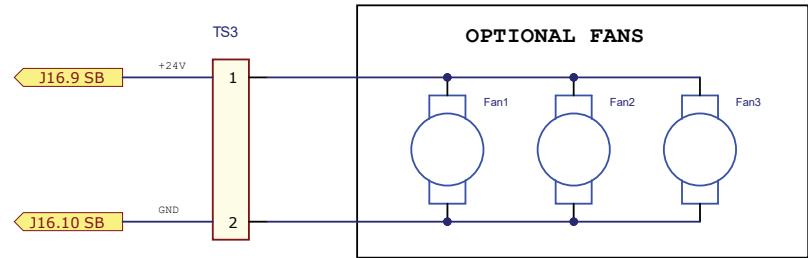
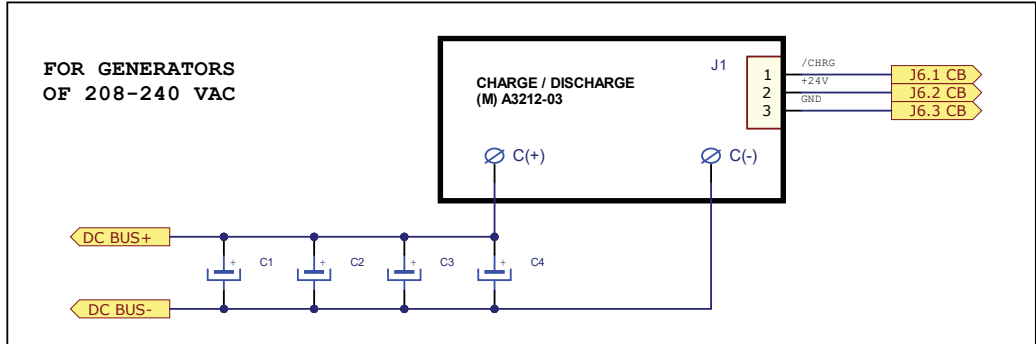
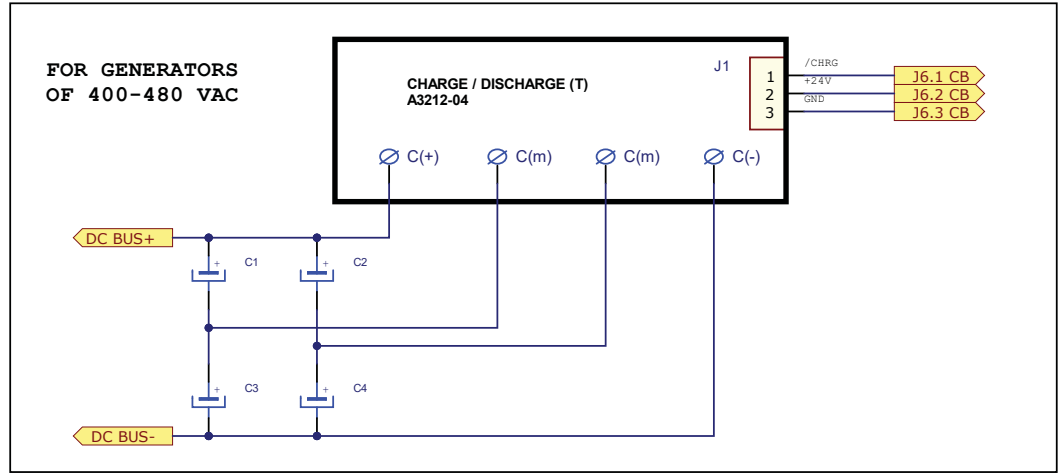
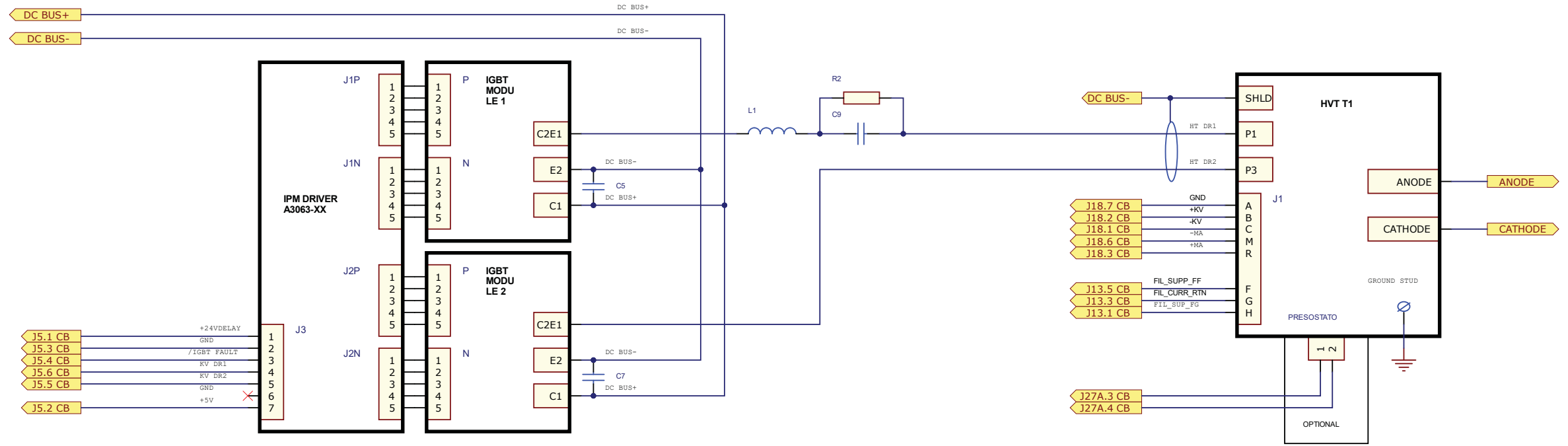
THIS SHEET ONLY APPLIES TO
SINGLE PHASE GENERATORS

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E	NC14/0430	R. Asenjo	17/12/14	DRAWING	R. Asenjo	03/03/14				
D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Díaz	03/03/14				
H	NC19/0304	R. Asenjo	04/12/20							
G	NC19/0305	R. Hermosilla	16/07/19							



GENERADOR SHFR

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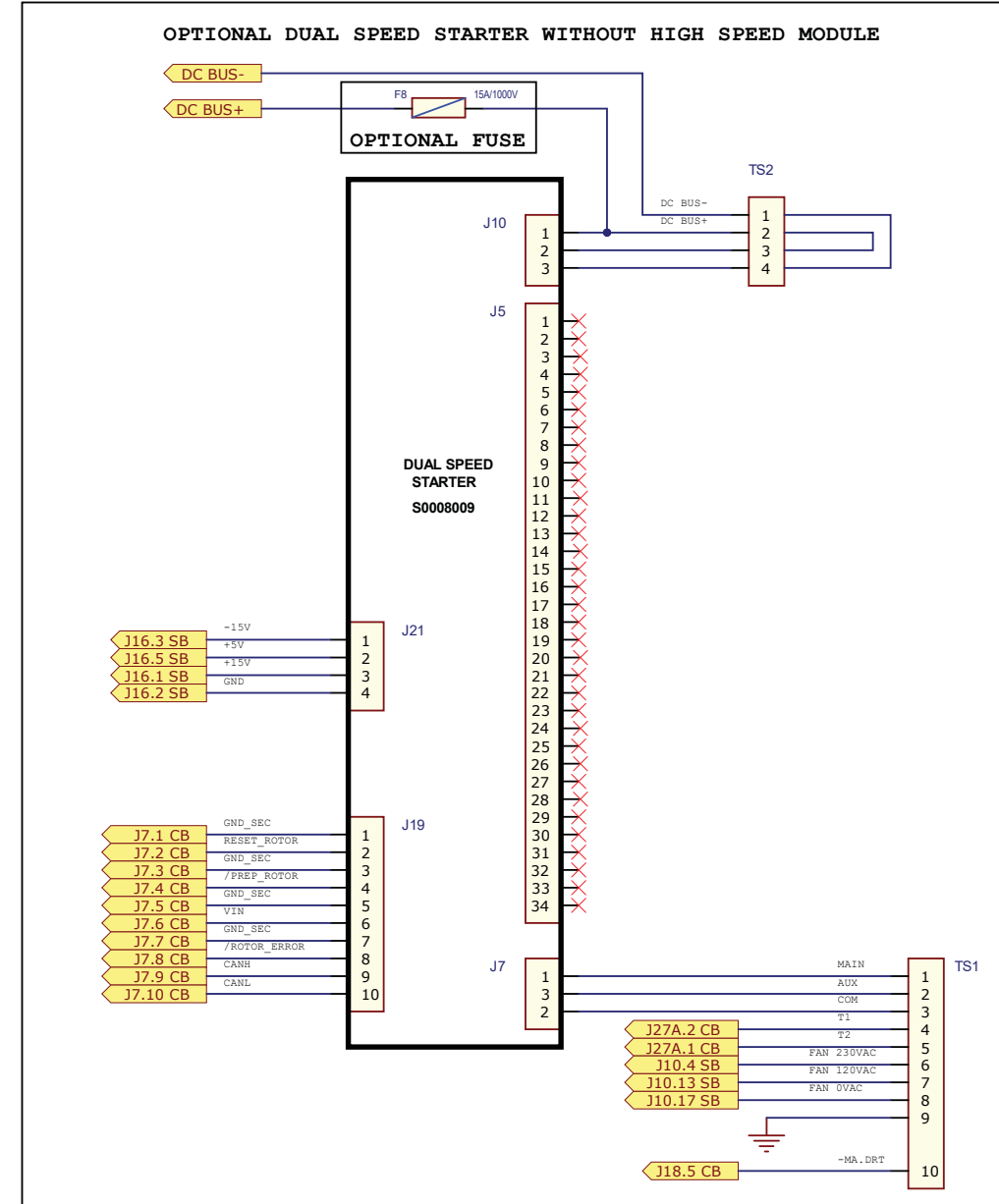
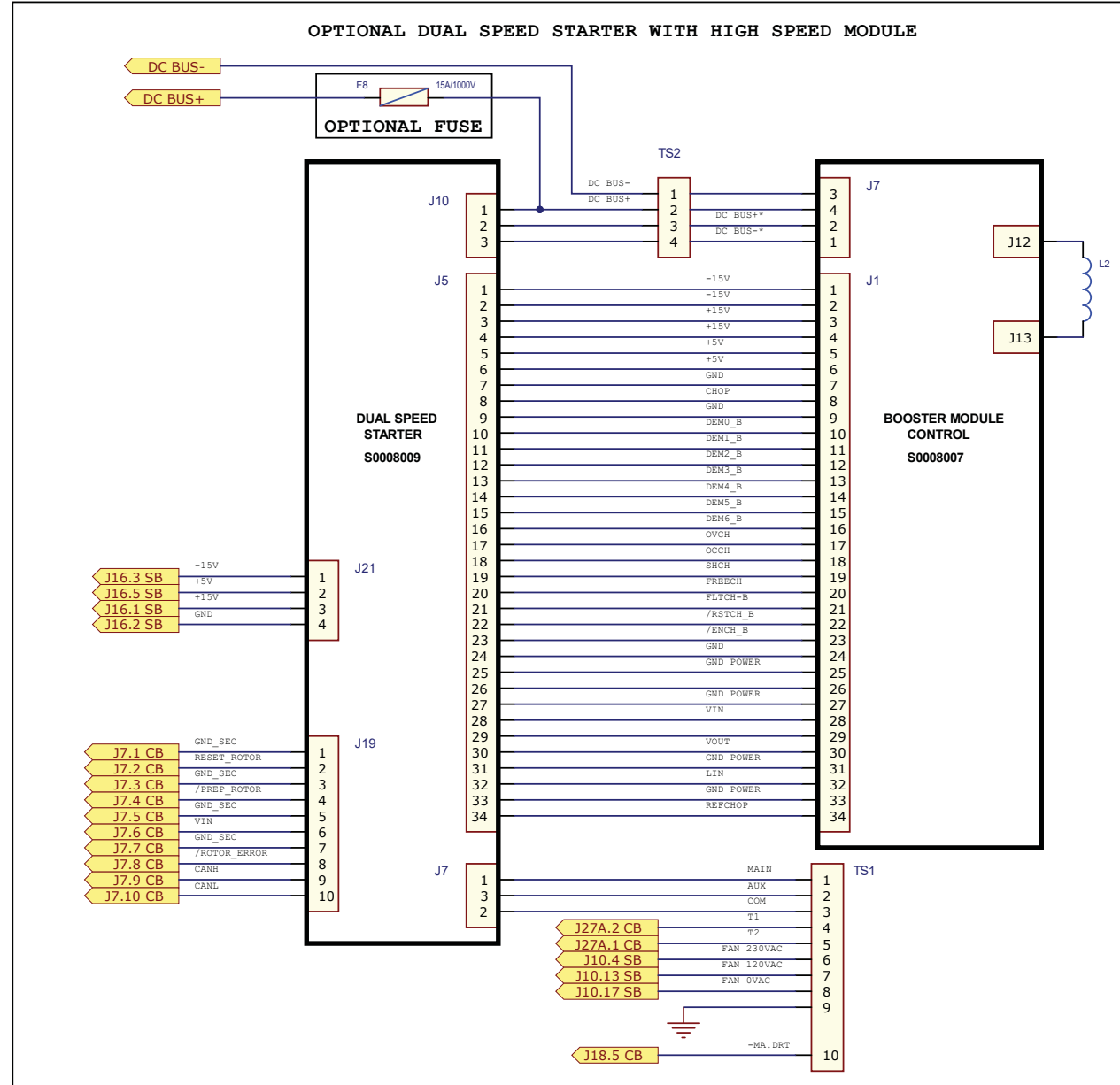


NOTE:
 CB: CONTROL BOARD SHFR
 CD: CHARGE/DISCHARGE
 DSS: DUAL SPEED STARTER
 HSM: HIGH SPEED MODULE
 HVT: HV TRANSFORMER
 IB: INTERFACE BOARD
 IGBT1: IGBT MODULE 1
 IGBT2: IGBT MODULE 2
 IPM: IPM DRIVER
 IR: INPUT RECTIFIER
 PS1: POWER SUPPLY
 SB: SUPPLY BOARD SHFR

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 54302260		PCB:		
F	NC15/0118	R. Asenjo	30/11/15				F E D		H G ← REV		
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D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Díaz	03/03/14					
H	NC19/0304	R. Asenjo	04/12/20								
G	NC19/0305	R. Hermosilla	16/07/19								

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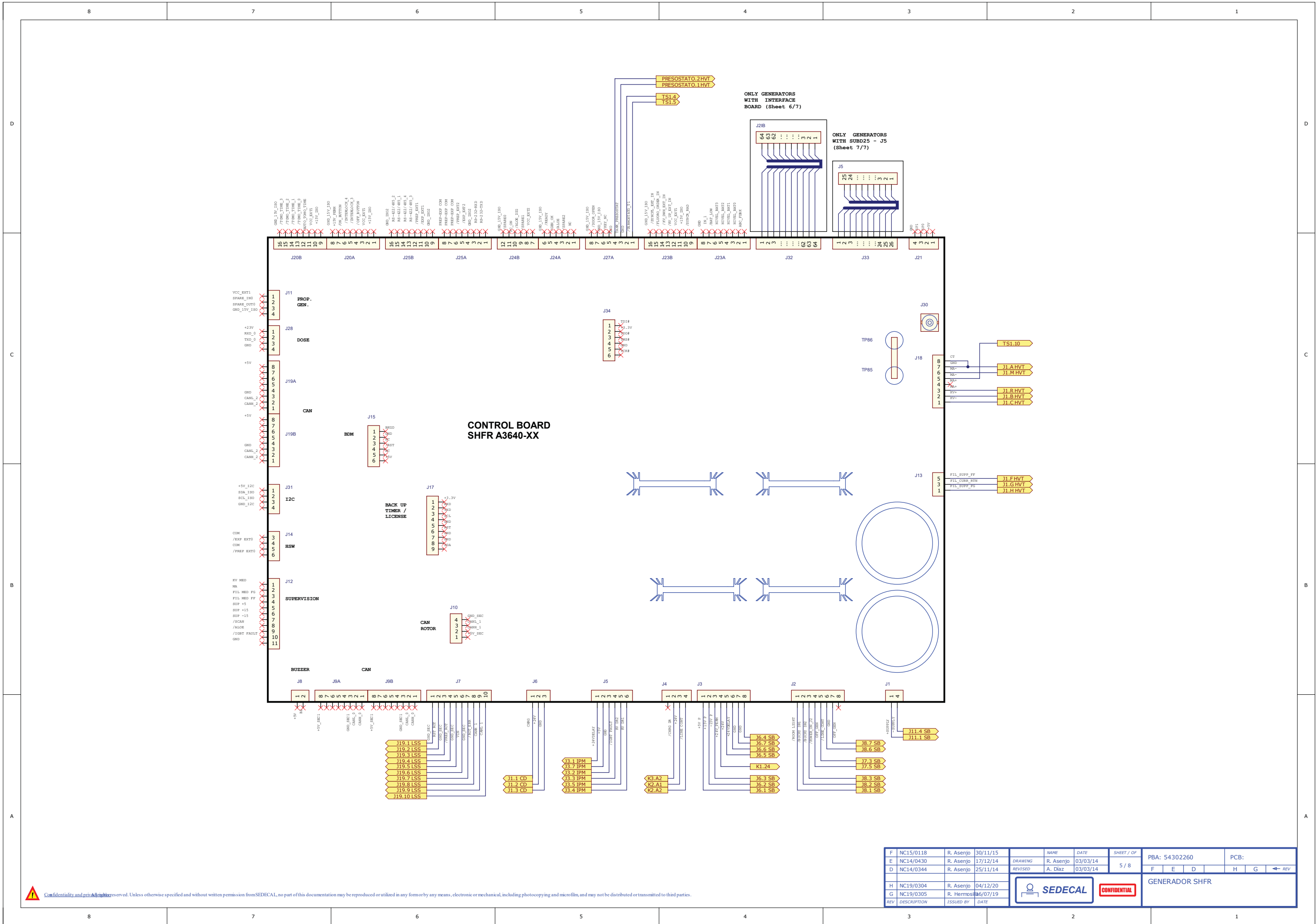




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H	NC19/0304	R. Asenjo	04/12/20							
G	NC19/0305	R. Hermosilla	16/07/19							



GENERADOR SHFR

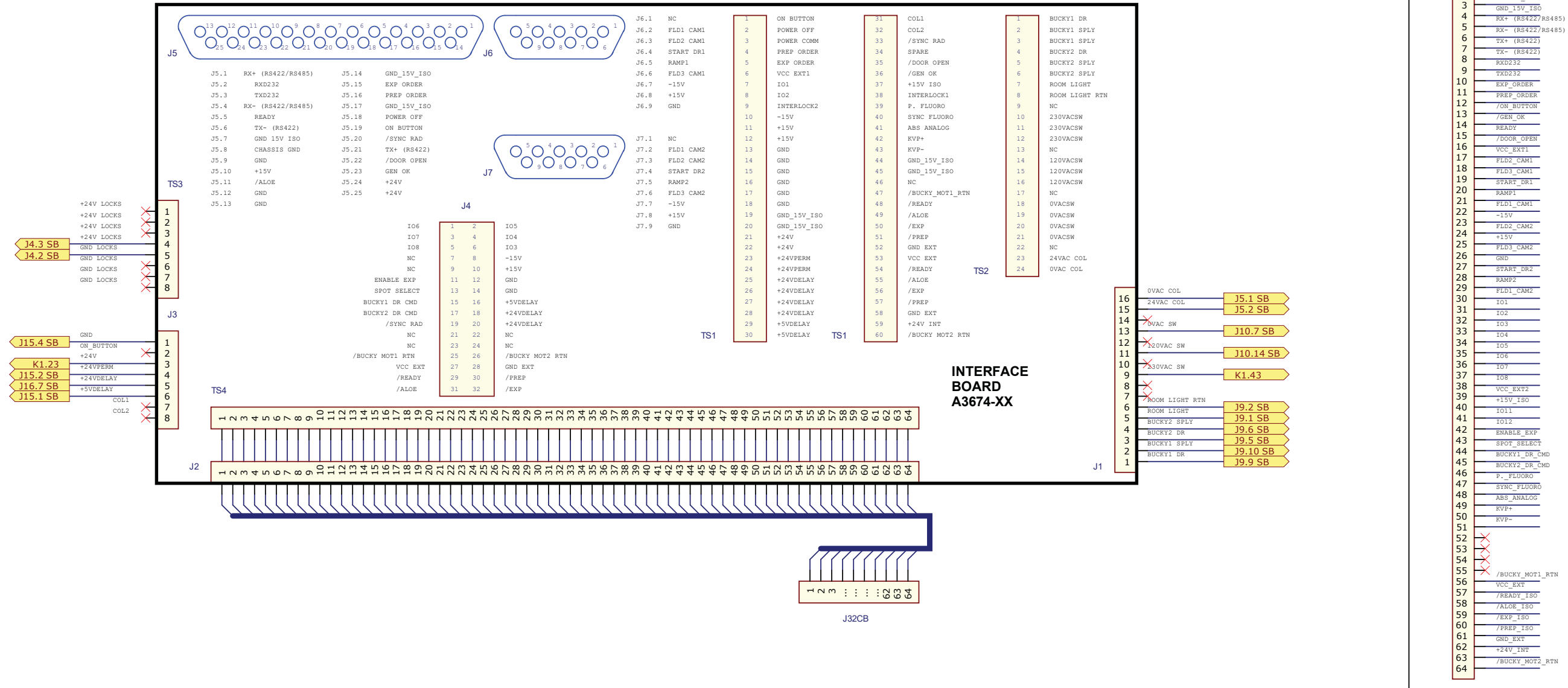


**CONTROL BOARD
SHFR A3640-XX**

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D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Diaz	03/03/14		
H	NC19/0304	R. Asenjo	04/12/20	SEDECAL		CONFIDENTIAL		
G	NC19/0305	R. Hermosillo	06/07/19					
REV	DESCRIPTION	ISSUED BY	DATE					

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NOTE J32CB - J2IB - TS4IB



J32CB - J2IB - TS4IB

1	/ALOE
2	POWER OFF
3	/SYNCR_RAD
4	GND_15V_ISO
5	RX+ (RS422/RS485)
6	RX- (RS422/RS485)
7	TX+ (RS422)
8	TX- (RS422)
9	RXD232
10	TXD232
11	EXP_ORDER
12	PREP_ORDER
13	/ON_BUTTON
14	/GEN_OK
15	READY
16	/DOOR_OPEN
17	VCC_EXT1
18	FLD2_CAM1
19	FLD3_CAM1
20	START_DR1
21	RAMP1
22	FLD1_CAM1
23	-15V
24	FLD2_CAM2
25	+15V
26	FLD3_CAM2
27	GND
28	START_DR2
29	RAMP2
30	FLD1_CAM2
31	IO1
32	IO2
33	IO3
34	IO4
35	IO5
36	IO6
37	IO7
38	IO8
39	VCC_EXT2
40	+15V_ISO
41	IO11
42	IO12
43	ENABLE_EXP
44	SPOT_SELECT
45	BUCKY1_DR_CMD
46	BUCKY2_DR_CMD
47	P_FLUORO
48	SYNC_FLUORO
49	ABS_ANALOG
50	KVP+
51	KVP-
52	X
53	X
54	X
55	/BUCKY_MOT1_RTN
56	VCC_EXT
57	/READY_ISO
58	/ALOE_ISO
59	/EXP_ISO
60	/PREP_ISO
61	GND_EXT
62	+24V_INT
63	/BUCKY_MOT2_RTN
64	

THIS SHEET ONLY APPLIES TO GENERATORS WITH INTERFACE BOARD A3674-XX

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H	NC19/0304	R. Asenjo	04/12/20		SEDECAL CONFIDENTIAL								
G	NC19/0305	R. Hermosilla	16/07/19										
REV	DESCRIPTION	ISSUED BY	DATE										

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D

D

C

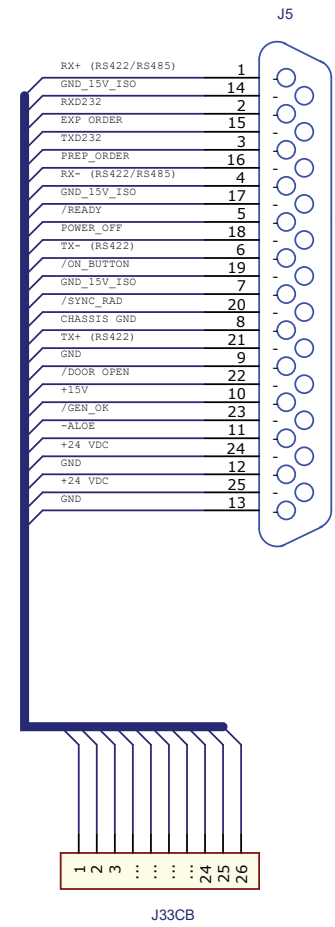
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B

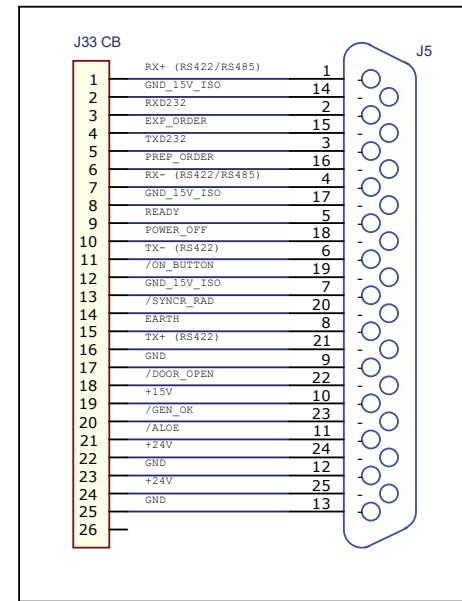
B

A

A



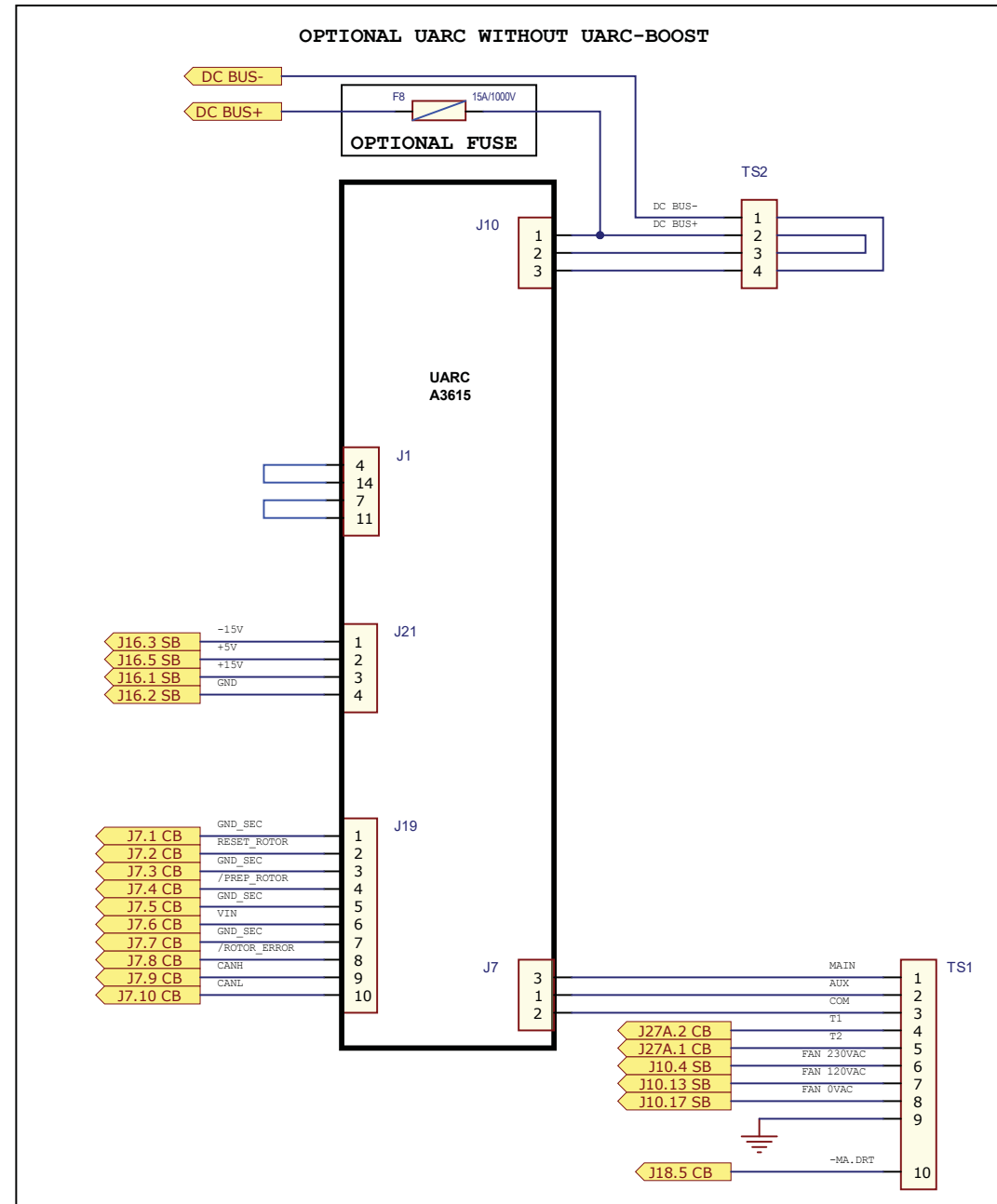
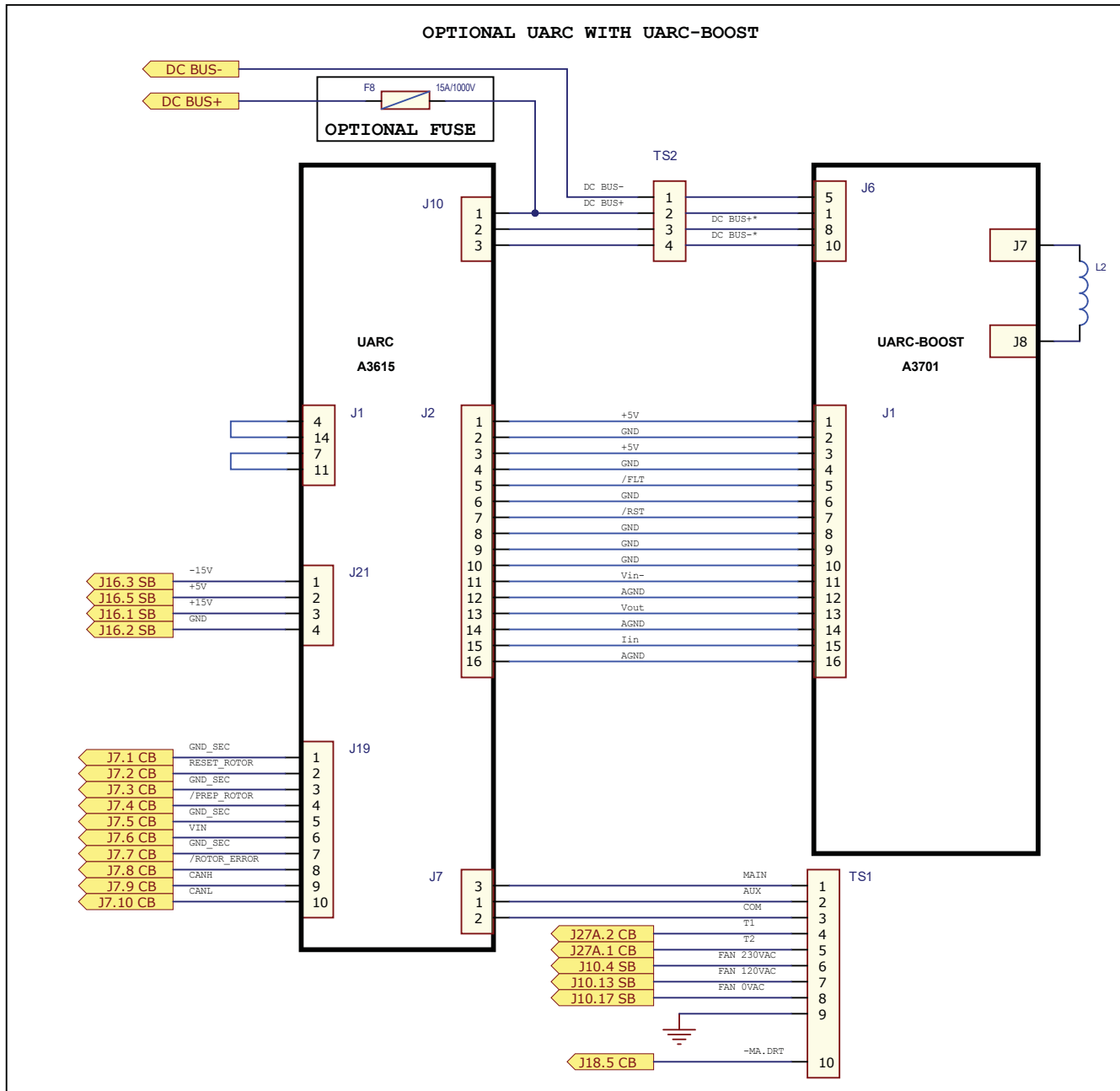
NOTE J5 - J33 CB



THIS SHEET ONLY
APPLIES TO GENERATORS
WITH SUBD25 - J5

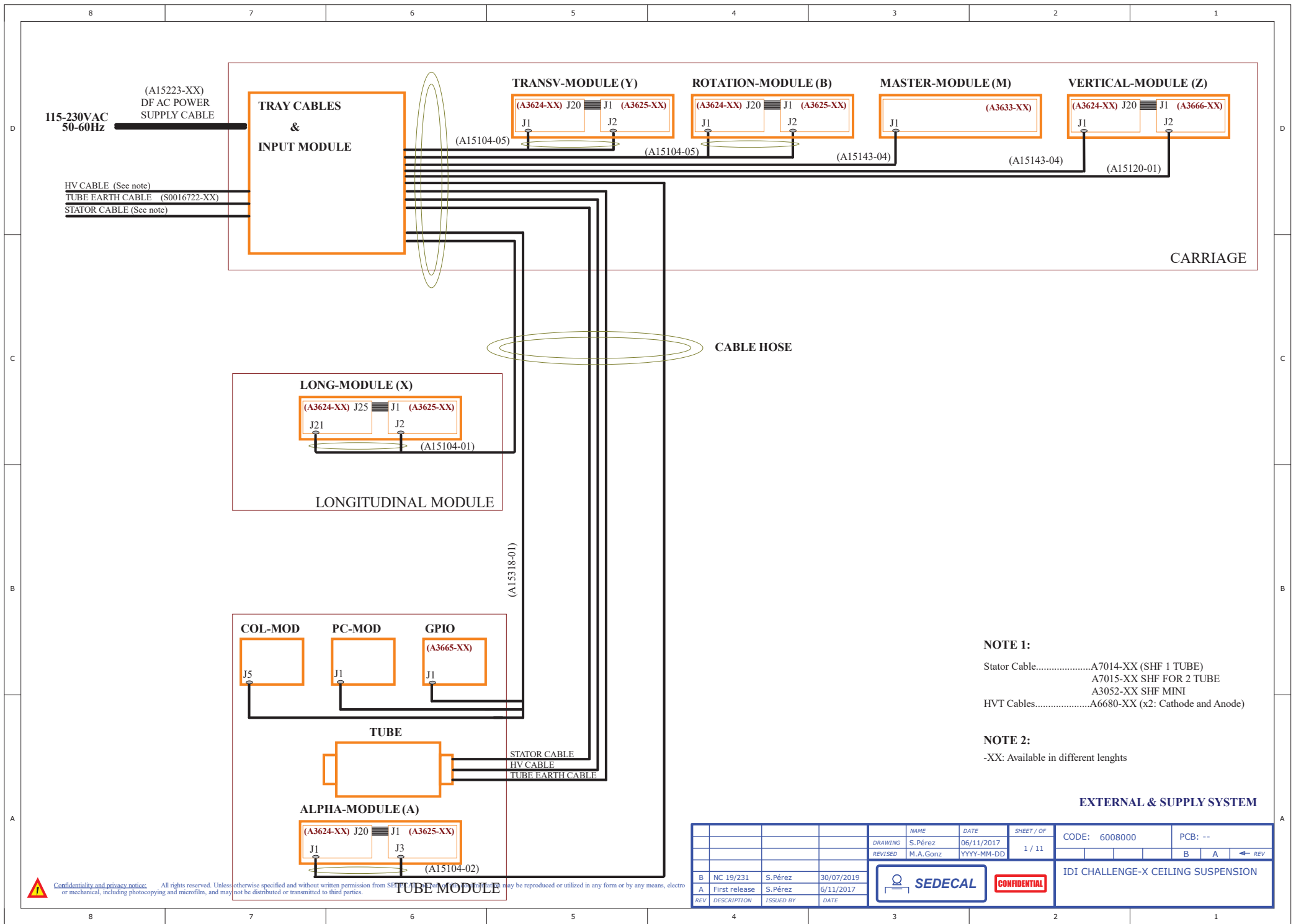
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D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Díaz	03/03/14		GENERADOR SHFR					
H	NC19/0304	R. Asenjo	04/12/20										
G	NC19/0305	R. Hermosilla	16/07/19										
REV	DESCRIPTION	ISSUED BY	DATE										

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D	NC14/0344	R. Asenjo	25/11/14	REVISED	A. Díaz	03/03/14		H		G ← REV	
H	NC19/0304	R. Asenjo	04/12/20	CONFIDENTIAL		GENERADOR SHFR					
G	NC19/0305	R. Hermosilla	16/07/19								
REV	DESCRIPTION	ISSUED BY	DATE								



NOTE 1:
 Stator Cable.....A7014-XX (SHF 1 TUBE)
 A7015-XX SHF FOR 2 TUBE
 A3052-XX SHF MINI
 HVT Cables.....A6680-XX (x2: Cathode and Anode)

NOTE 2:
 -XX: Available in different lengths

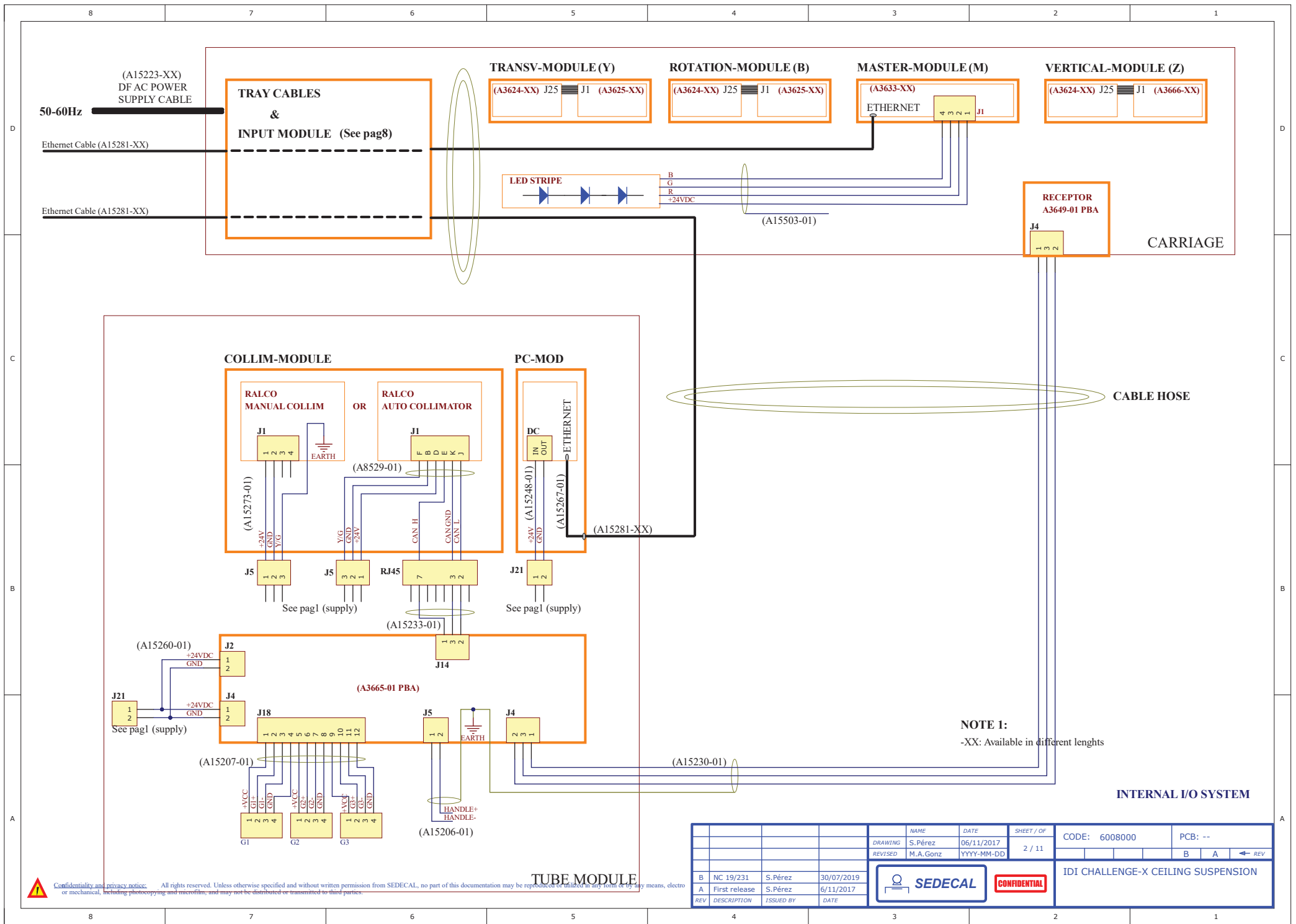
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A	First release	S.Pérez	6/11/2017	REVISED	M.A.Gonz	YYYY-MM-DD		B A ← REV

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IDI CHALLENGE-X CEILING SUSPENSION

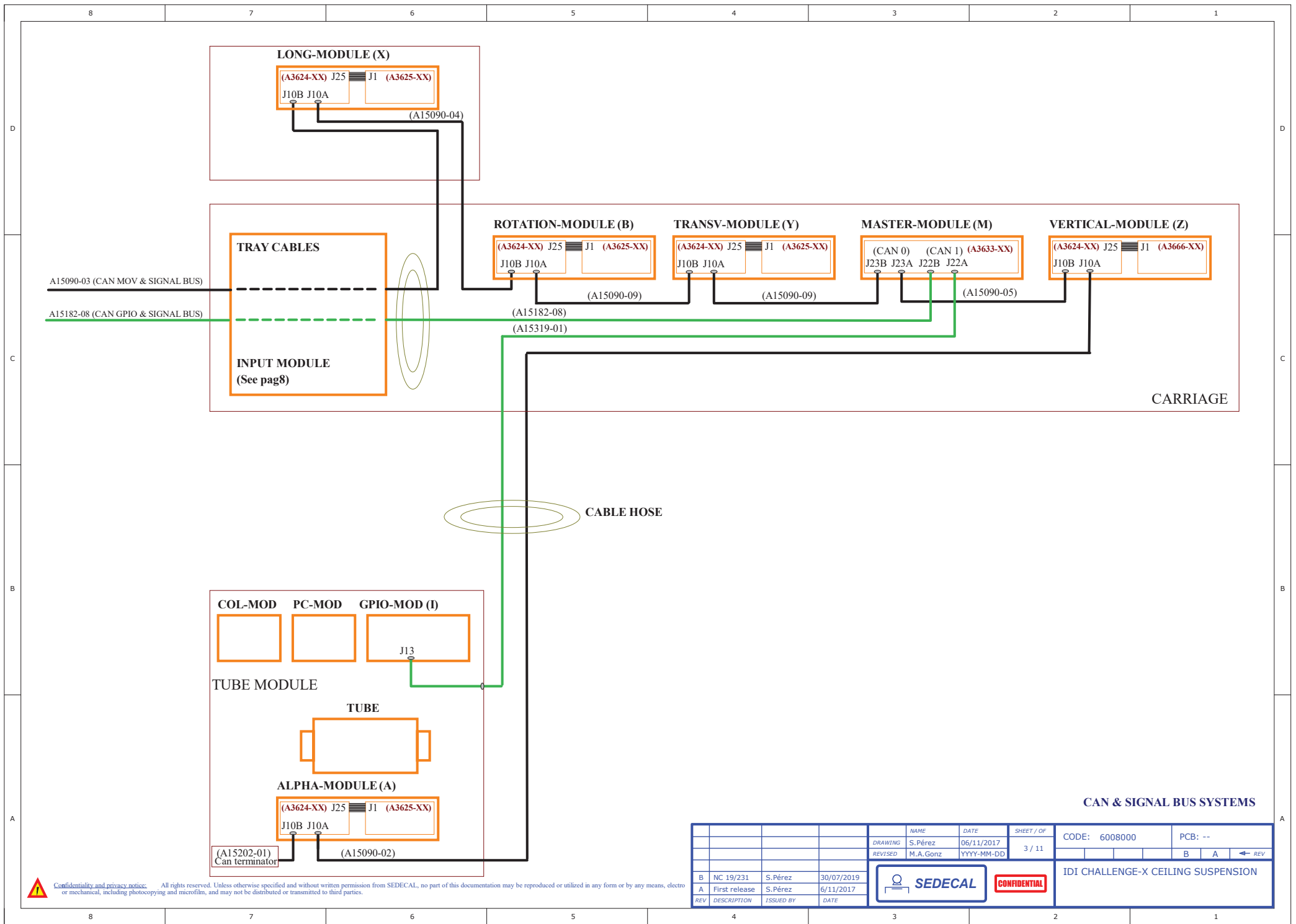


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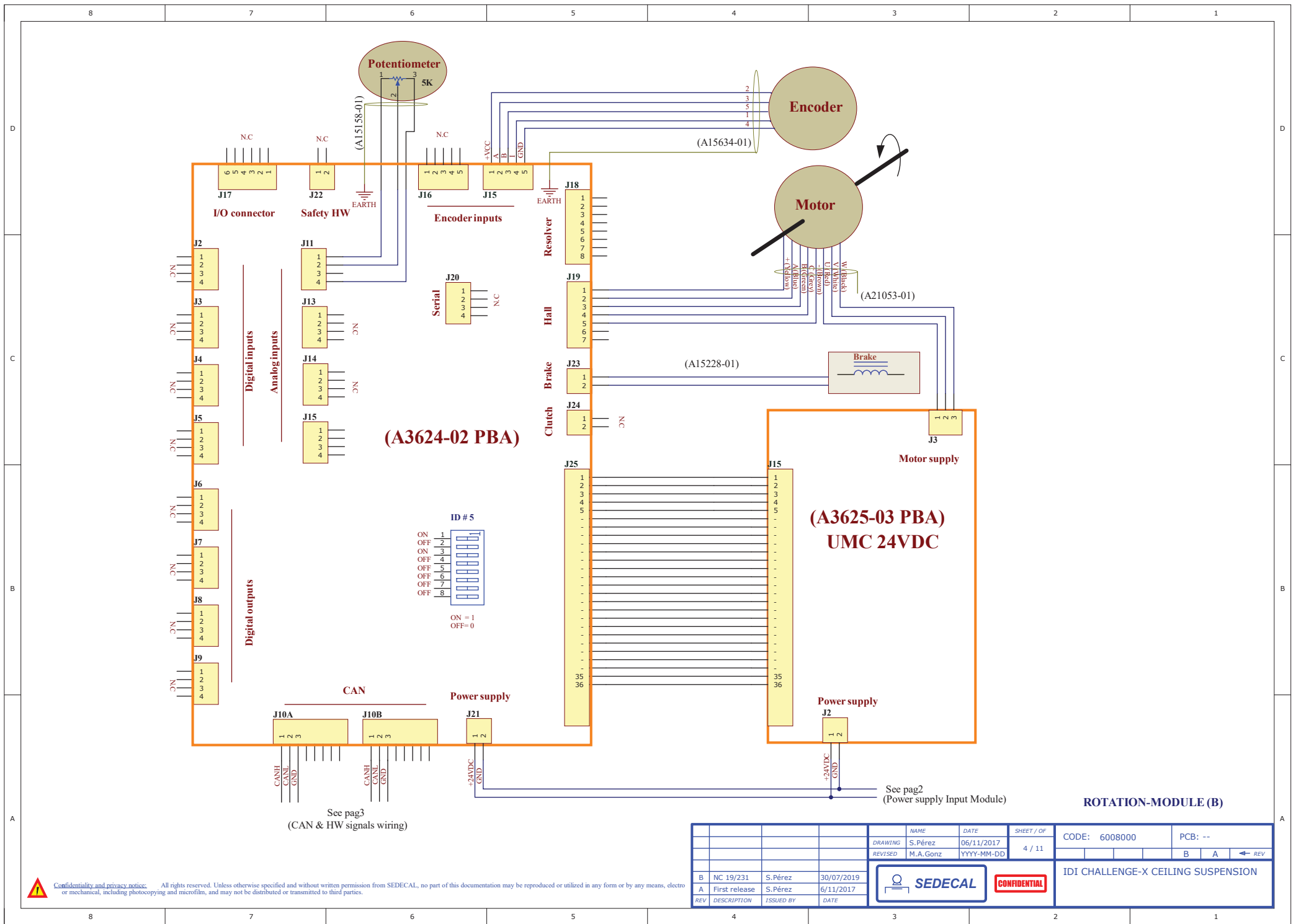
IDI CHALLENGE-X CEILING SUSPENSION



CAN & SIGNAL BUS SYSTEMS

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		M.A. Gonz	YYYY-MM-DD		B	A ← REV
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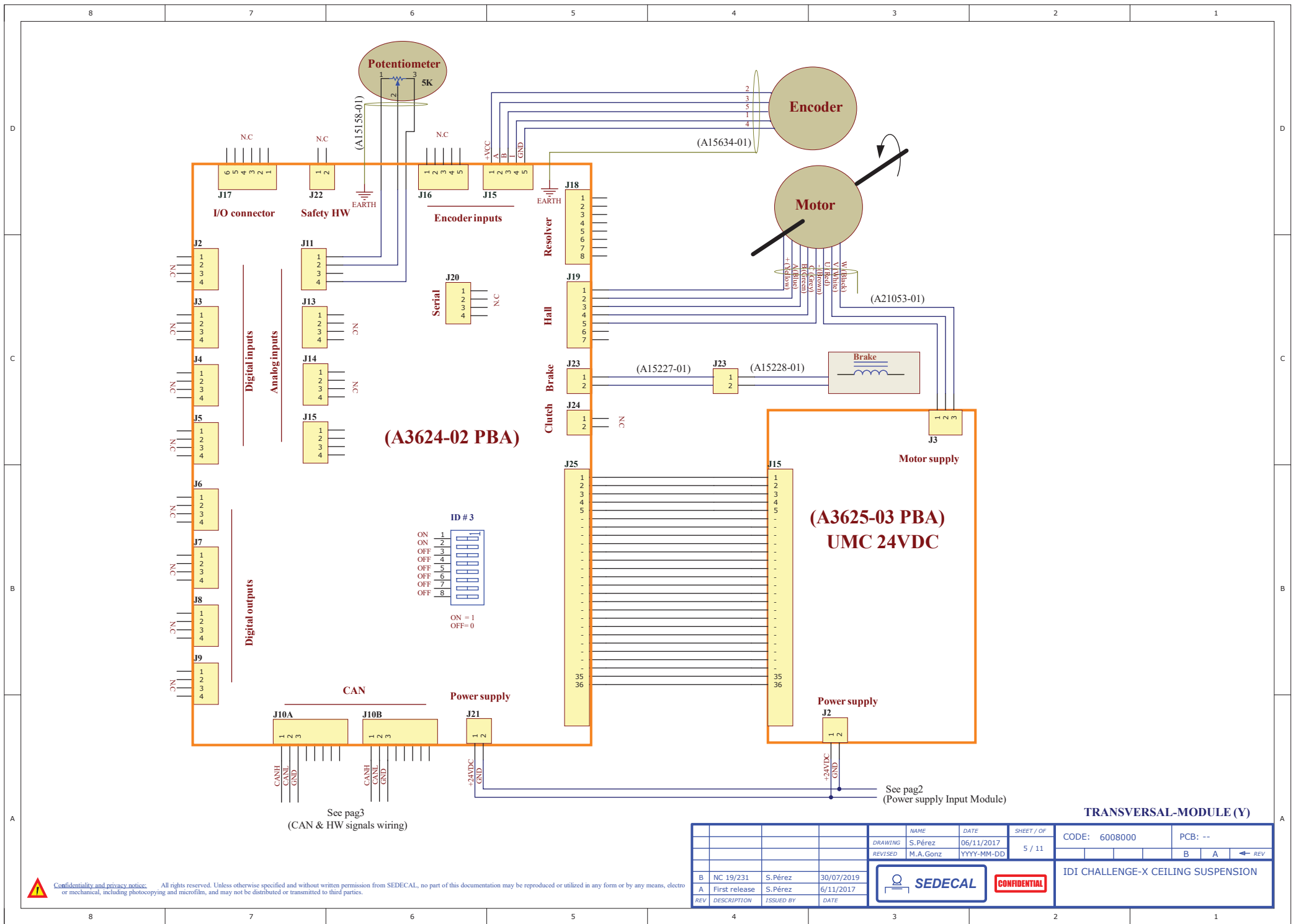
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ROTATION-MODULE (B)

DRAWING		NAME	DATE	SHEET / OF	CODE: 6008000	PCB: --
REVISED		S. Pérez	06/11/2017	4 / 11	B	A
REV		M.A.Gonz	YYYY-MM-DD		← REV	
B	NC 19/231	S. Pérez	30/07/2019	SEDECAL		
A	First release	S. Pérez	6/11/2017	CONFIDENTIAL		
REV	DESCRIPTION	ISSUED BY	DATE	IDI CHALLENGE-X CEILING SUSPENSION		

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See pag3
(CAN & HW signals wiring)

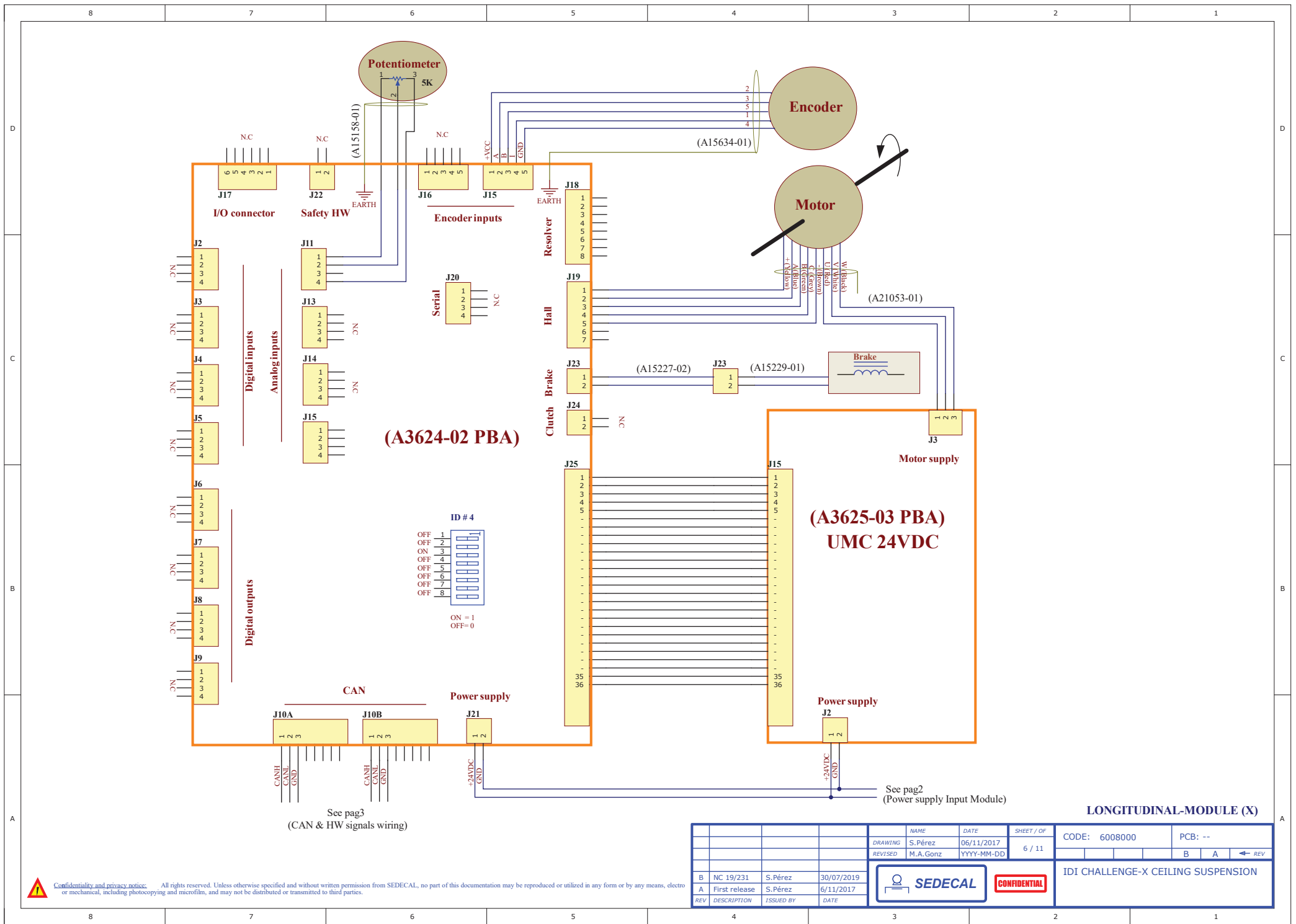
See pag2
(Power supply Input Module)

TRANSVERSAL-MODULE (Y)

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		M.A.Gonz	YYYY-MM-DD		B	A
B	NC 19/231	S. Pérez	30/07/2019	IDI CHALLENGE-X CEILING SUSPENSION		
A	First release	S. Pérez	6/11/2017			
REV	DESCRIPTION	ISSUED BY	DATE			

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See pag3
(CAN & HW signals wiring)

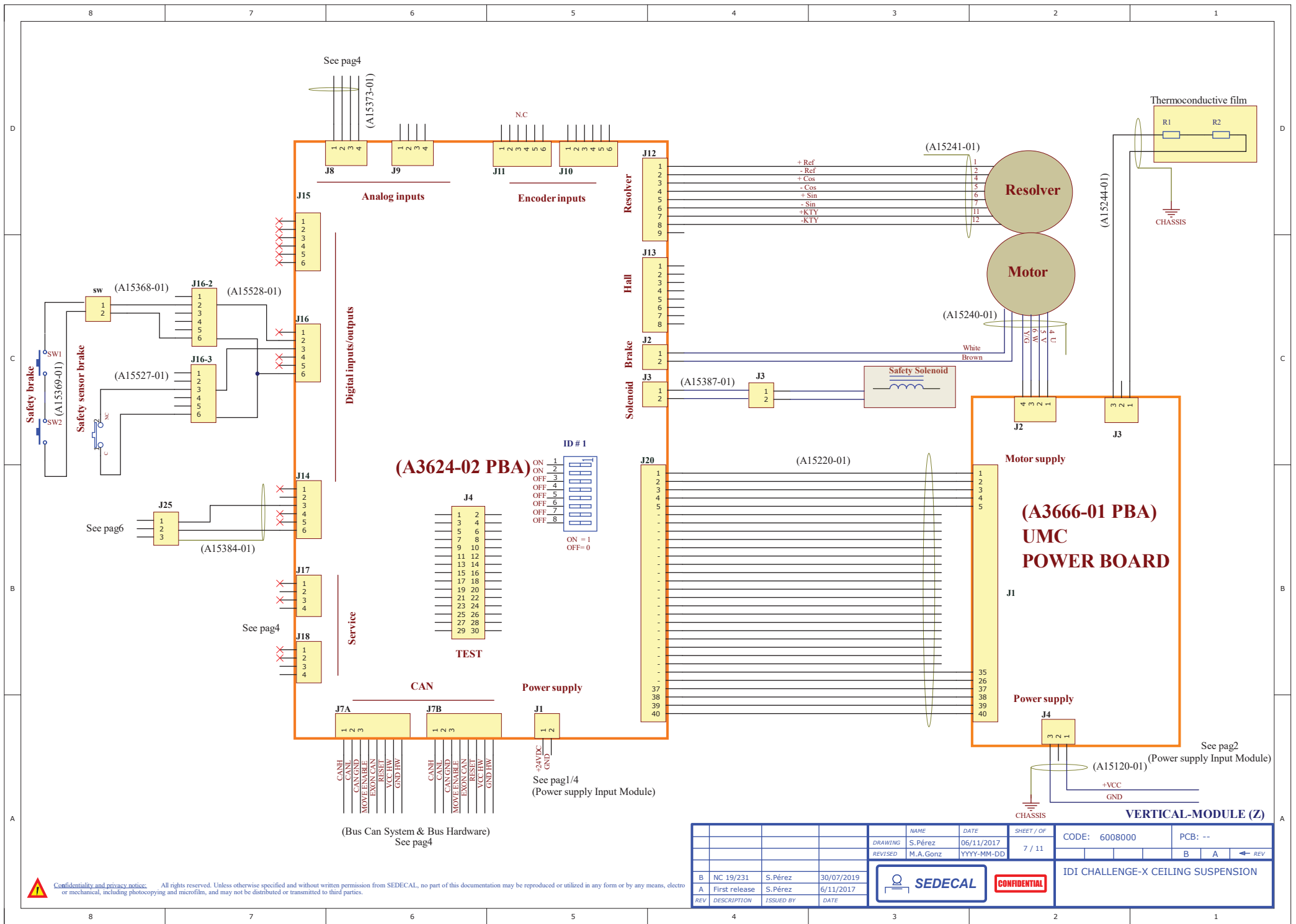
See pag2
(Power supply Input Module)

LONGITUDINAL-MODULE (X)

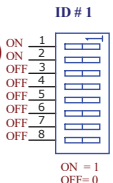
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A	First release	S. Pérez	6/11/2017			
REV	DESCRIPTION	ISSUED BY	DATE			

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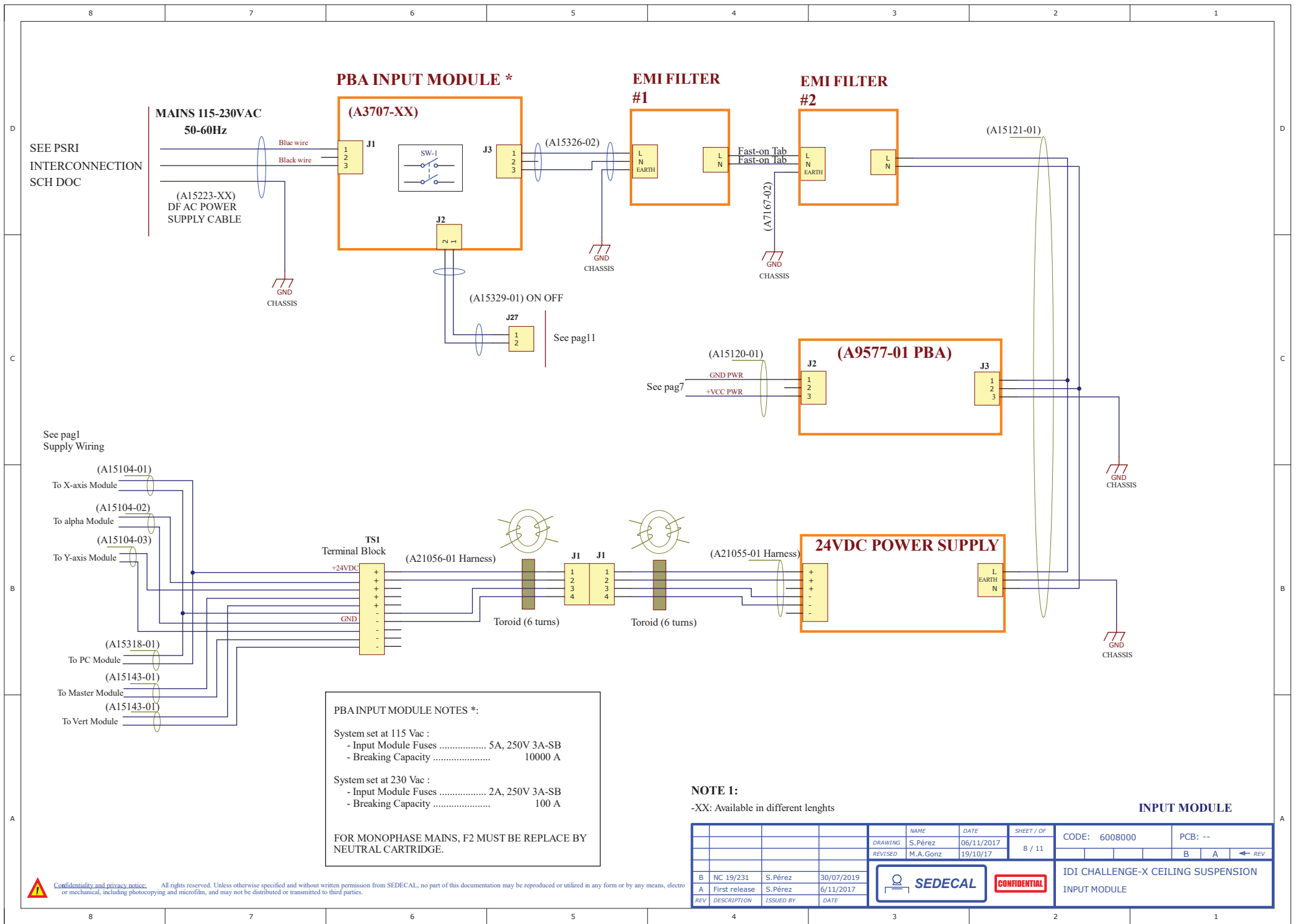
(A3624-02 PBA)



VERTICAL-MODULE (Z)

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REV		M.A.Gonz	YYYY-MM-DD			
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A	First release	S. Pérez	6/11/2017	CONFIDENTIAL		
REV	DESCRIPTION	ISSUED BY	DATE	IDI CHALLENGE-X CEILING SUSPENSION		

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PBA INPUT MODULE NOTES *:

System set at 115 Vac :
 - Input Module Fuses 5A, 250V 3A-SB
 - Breaking Capacity 10000 A

System set at 230 Vac :
 - Input Module Fuses 2A, 250V 3A-SB
 - Breaking Capacity 100 A

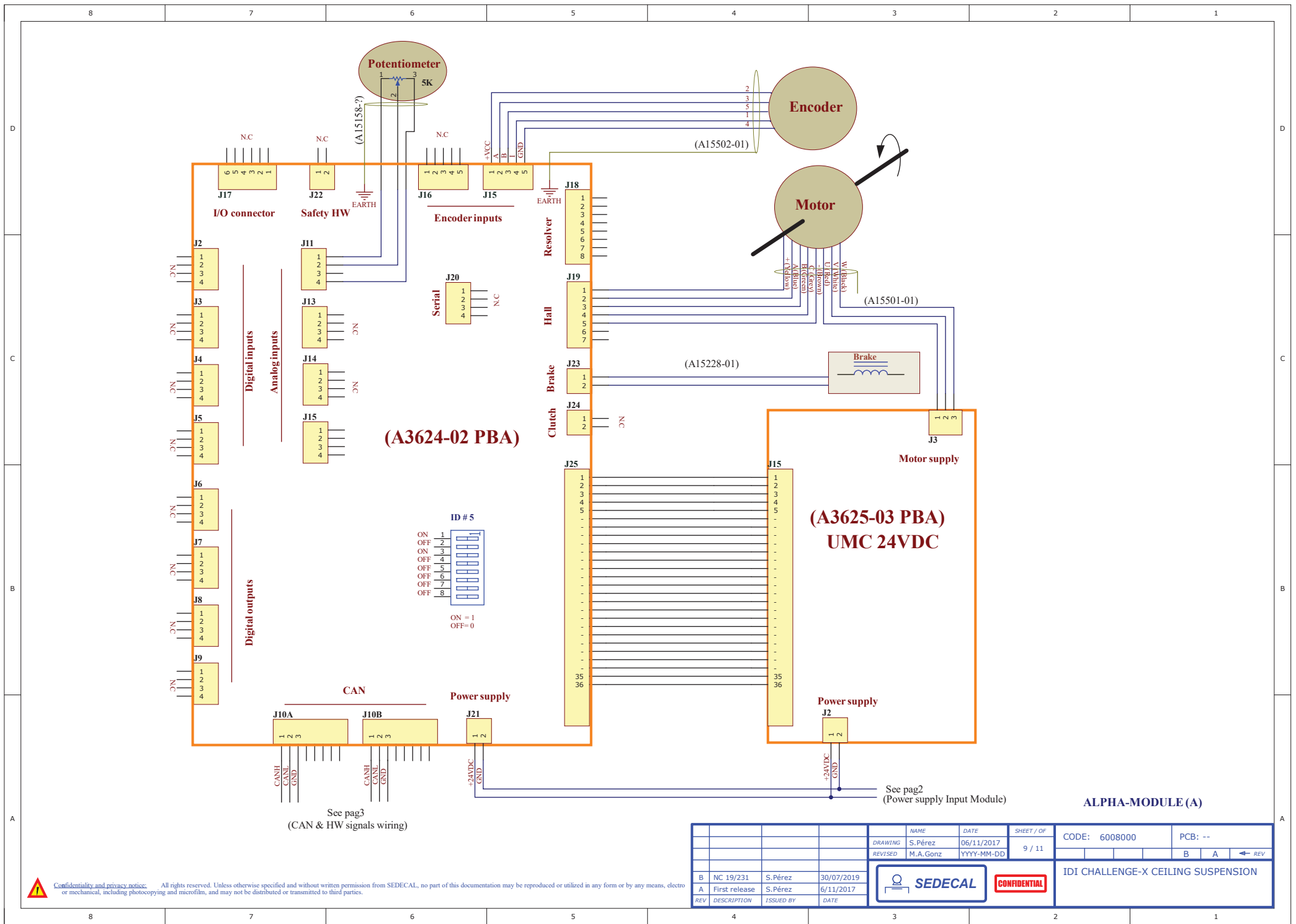
FOR MONOPHASE MAINS, F2 MUST BE REPLACE BY NEUTRAL CARTRIDGE.

NOTE 1:
 -XX: Available in different lengths

INPUT MODULE

DRAWING		NAME		DATE		SHEET / OF		CODE: 6008000		PCB: --	
REVISED		M.A.Gonz		19/10/17		8 / 11		B		A ← REV	
B	NC 19/231	S.Pérez	30/07/2019							SEDECAL	
A	First release	S.Pérez	6/11/2017							CONFIDENTIAL	
REV	DESCRIPTION	ISSUED BY	DATE							IDI CHALLENGE-X CEILING SUSPENSION INPUT MODULE	

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(A3624-02 PBA)

(A3625-03 PBA)
UMC 24VDC

See pag3
(CAN & HW signals wiring)

See pag2
(Power supply Input Module)

ALPHA-MODULE (A)

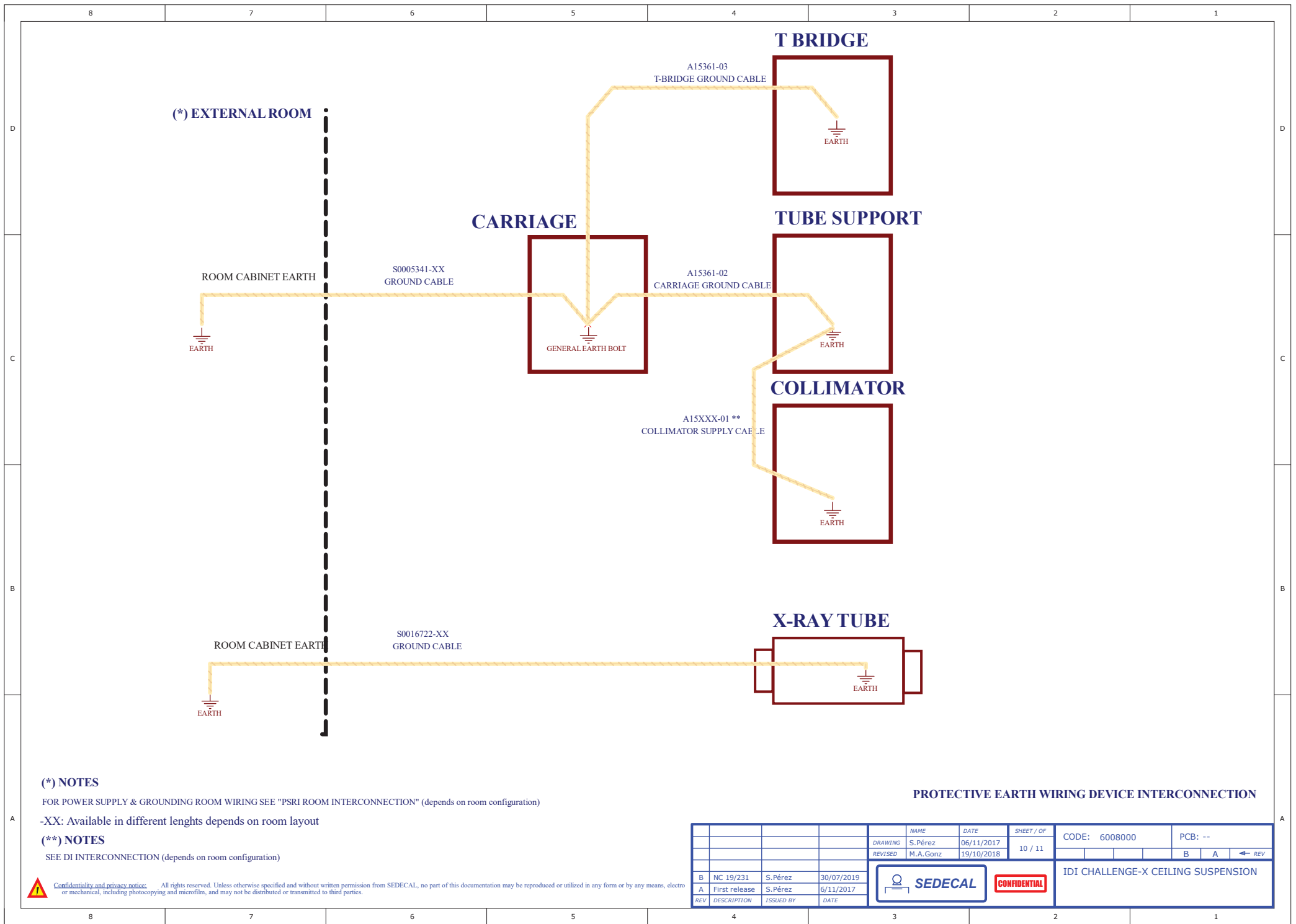
NAME		DATE		SHEET / OF		CODE: 6008000		PCB: --	
DRAWING		S.Pérez		06/11/2017		9 / 11			
REVISED		M.A.Gonz		YYYY-MM-DD				B A ← REV	
B	NC 19/231	S.Pérez	30/07/2019						
A	First release	S.Pérez	6/11/2017						
REV	DESCRIPTION	ISSUED BY	DATE						



CONFIDENTIAL

IDI CHALLENGE-X CEILING SUSPENSION

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(*) NOTES

FOR POWER SUPPLY & GROUNDING ROOM WIRING SEE "PSRI ROOM INTERCONNECTION" (depends on room configuration)

-XX: Available in different lengths depends on room layout

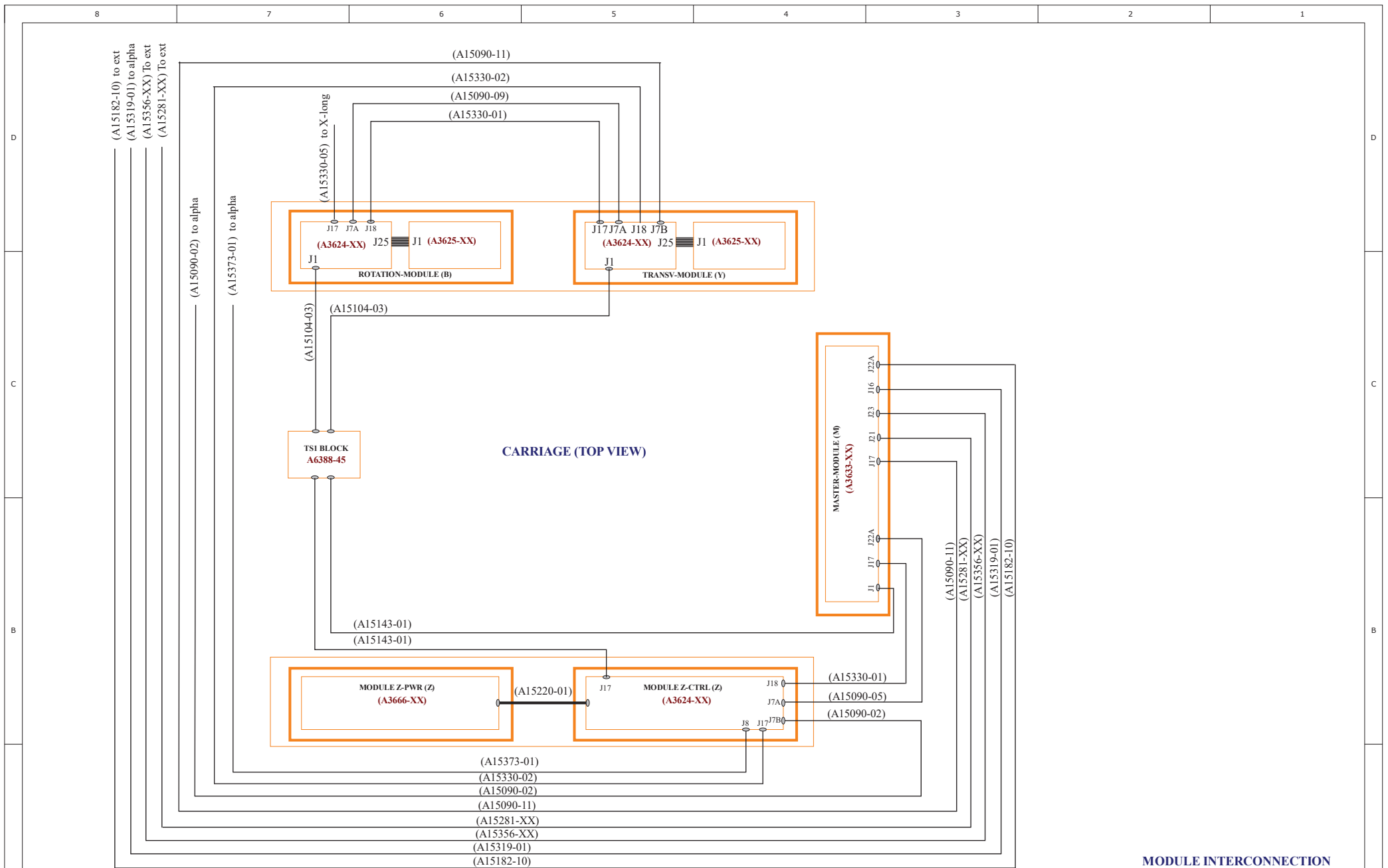
() NOTES**

SEE DI INTERCONNECTION (depends on room configuration)

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PROTECTIVE EARTH WIRING DEVICE INTERCONNECTION

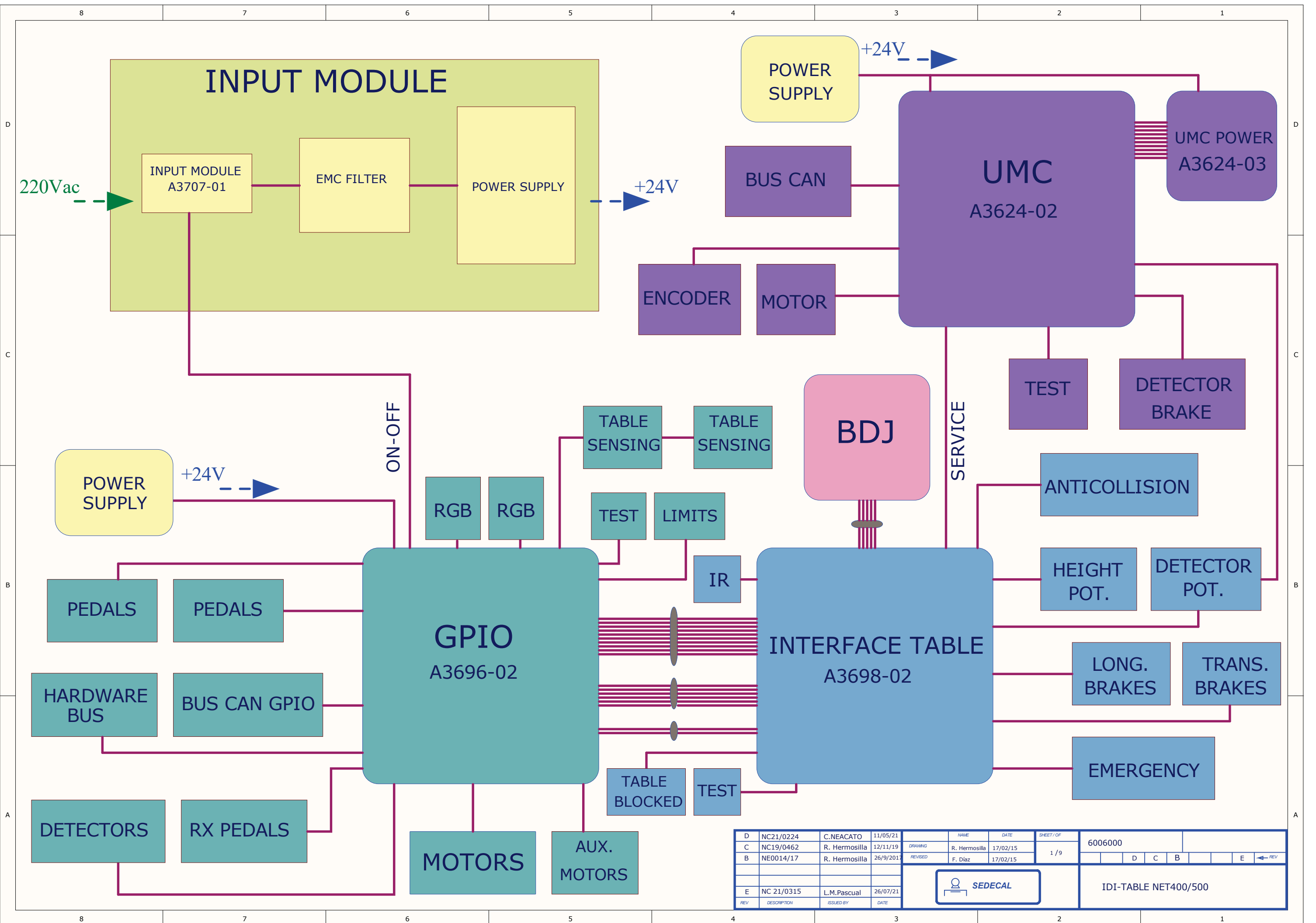
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				DRAWING	S.Pérez	06/11/2017	10 / 11	
				REVISED	M.A.Gonz	19/10/2018		B A ← REV
B	NC 19/231	S.Pérez	30/07/2019			IDI CHALLENGE-X CEILING SUSPENSION		
A	First release	S.Pérez	6/11/2017					
REV	DESCRIPTION	ISSUED BY	DATE					



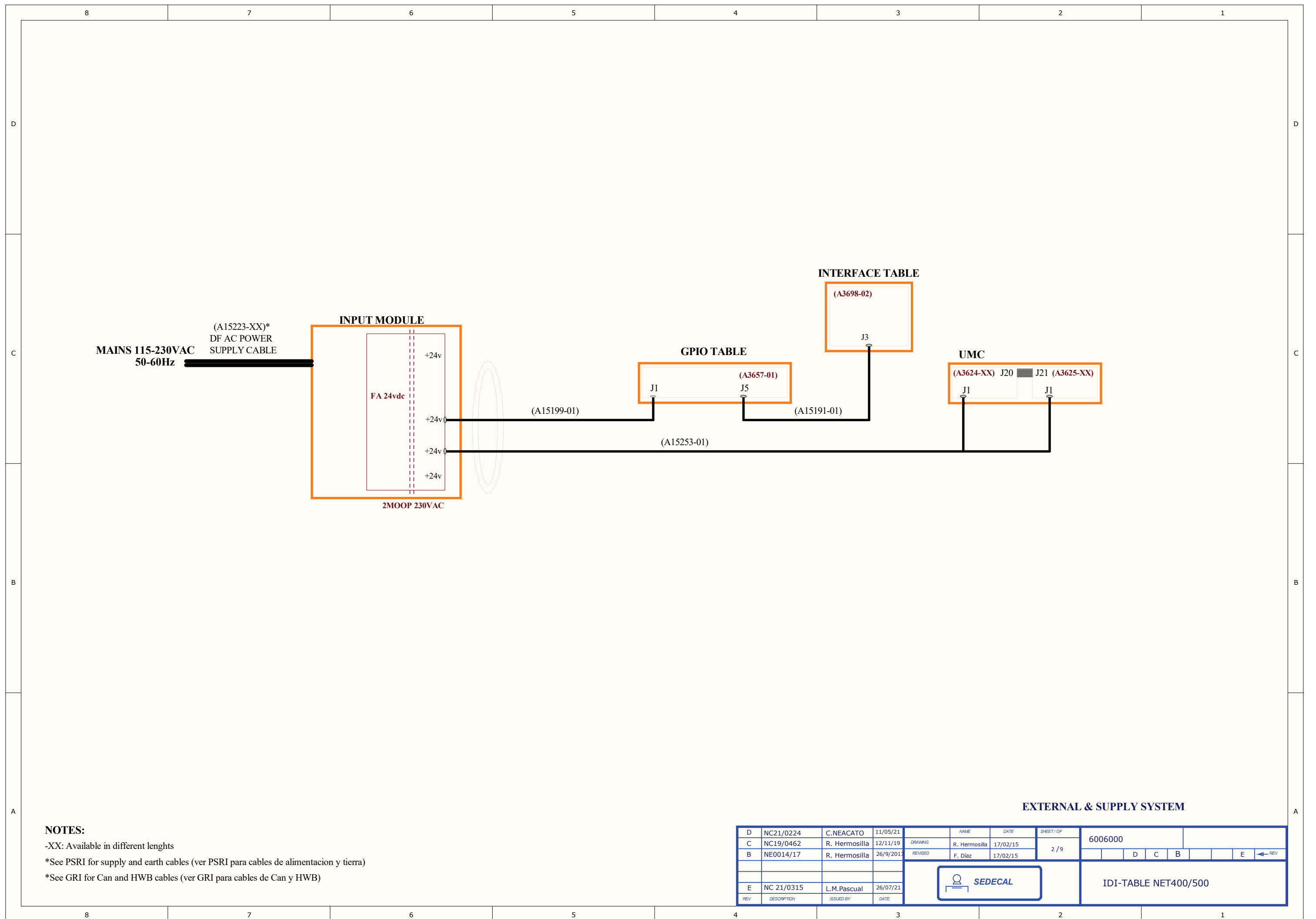
MODULE INTERCONNECTION

DRAWING		NAME	DATE	SHEET / OF	CODE: 6008000	PCB: --
REVISED		S. Pérez	06/11/2017	11 / 11		
		M.A. Gonz	YYYY-MM-DD		B	A ← REV
B	NC 19/231	S. Pérez	30/07/2019			
A	First release	S. Pérez	6/11/2017			
REV	DESCRIPTION	ISSUED BY	DATE	IDI CHALLENGE-X CEILING SUSPENSION		

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D	NC21/0224	C.NEACATO	11/05/21		NAME	DATE	SHEET/OF	6006000	D C B E ← REV
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	1/9		
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Díaz	17/02/15			
E	NC 21/0315	L.M.Pascual	26/07/21						
REV	DESCRIPTION	ISSUED BY	DATE	SEDECAL			IDI-TABLE NET400/500		

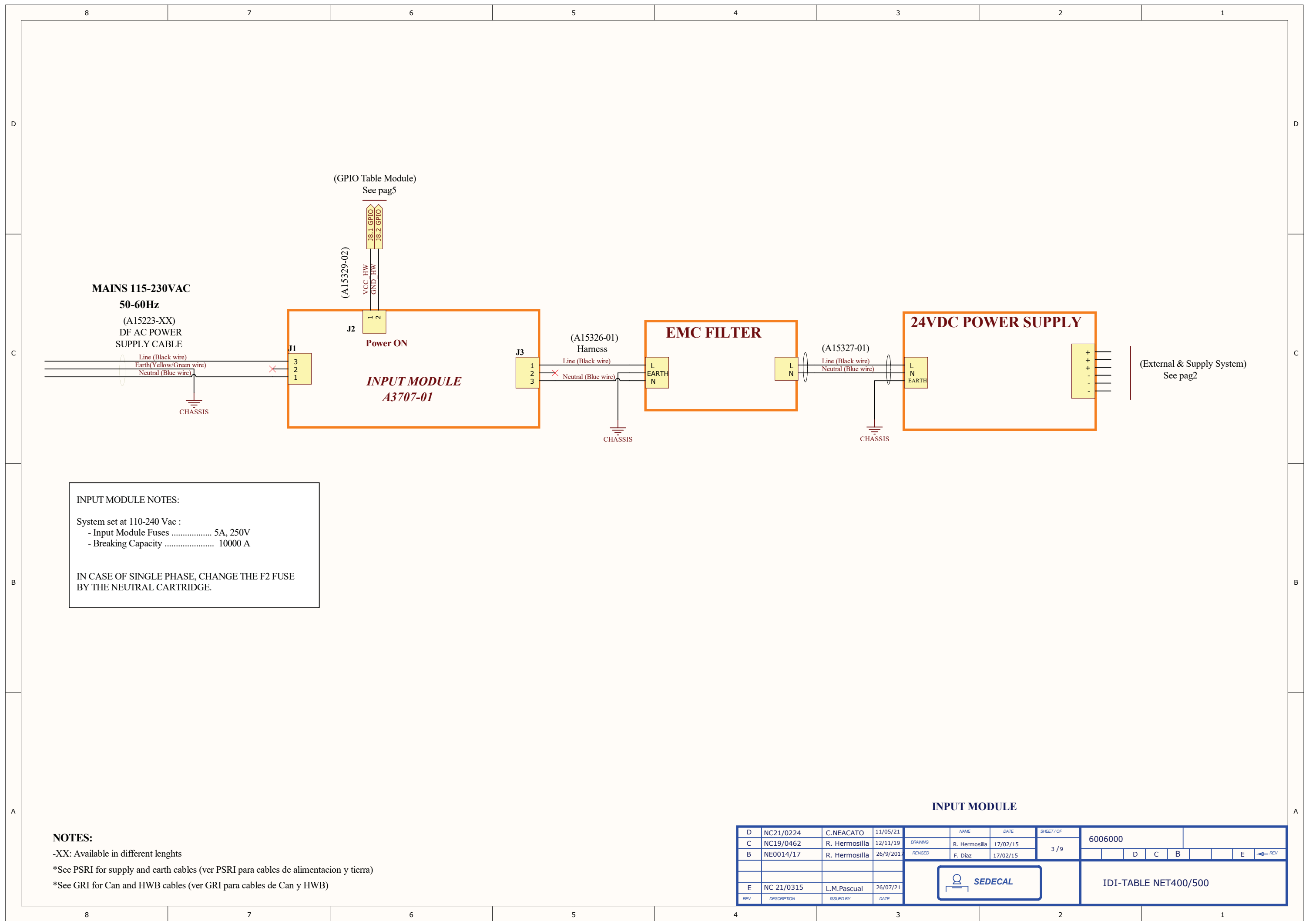


NOTES:

- XX: Available in different lengths
- *See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)
- *See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

EXTERNAL & SUPPLY SYSTEM

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF						
D	NC21/0224	C.NEACATO	11/05/21				6006000					
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	2 / 9					
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15		D	C	B	E	← REV
E	NC 21/0315	L.M.Pascual	26/07/21				IDI-TABLE NET400/500					



INPUT MODULE NOTES:

System set at 110-240 Vac :

- Input Module Fuses 5A, 250V
- Breaking Capacity 10000 A

IN CASE OF SINGLE PHASE, CHANGE THE F2 FUSE BY THE NEUTRAL CARTRIDGE.

NOTES:

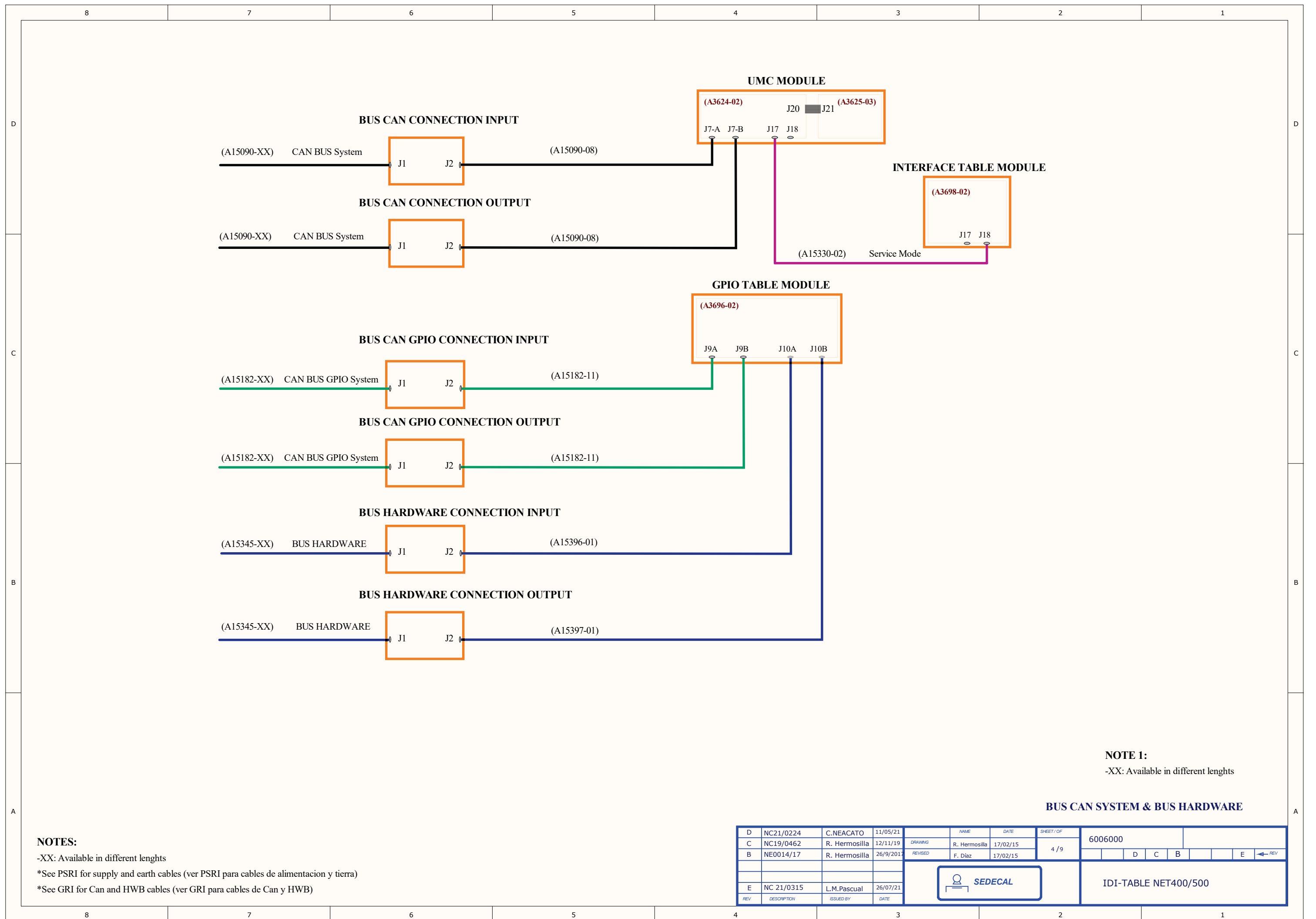
-XX: Available in different lengths

*See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)

*See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

INPUT MODULE

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	6006000				
D	NC21/0224	C.NEACATO	11/05/21								
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	3 / 9				
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15					
E	NC 21/0315	L.M.Pascual	26/07/21								
									IDI-TABLE NET400/500		



NOTE 1:
-XX: Available in different lengths

BUS CAN SYSTEM & BUS HARDWARE

NOTES:

-XX: Available in different lengths

*See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)

*See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

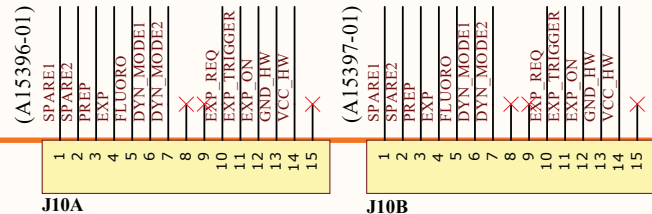
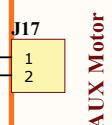
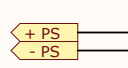
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C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	4 / 9		D	C	B	E
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15						
E	NC 21/0315	L.M.Pascual	26/07/21				IDI-TABLE NET400/500					
REV	DESCRIPTION	ISSUED BY	DATE									

(Bus Can System & Bus Hardware) See pag4

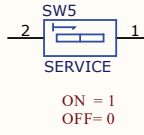
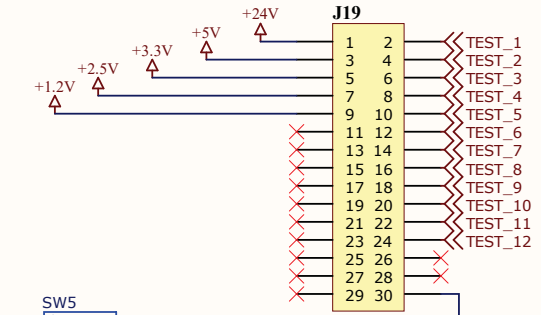
(ONLY FOR TECHNICAL SERVICE)

(External & Supply System) See pag2

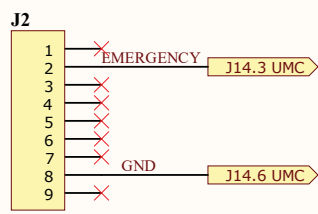
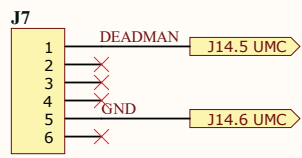
(A15199-01)



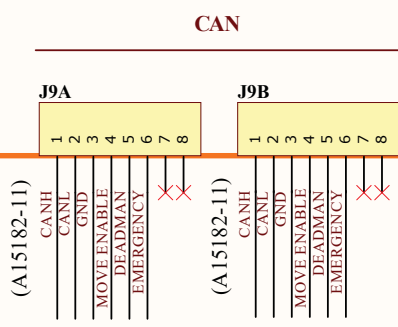
HWBUS



NET 350_500 GPIO A3696-02

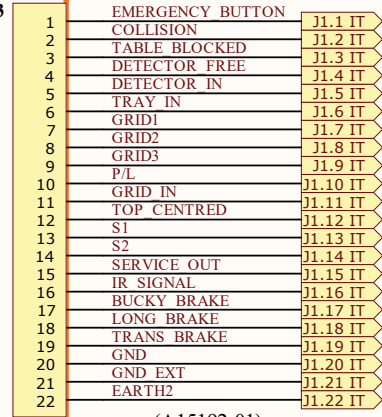


Digital inputs/outputs



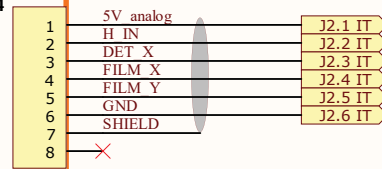
(Bus Can System & Bus Hardware) See pag3

(A15184-01)



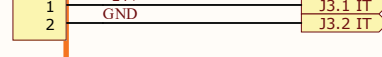
(Interface Table Module) See pag6

(A15192-01)



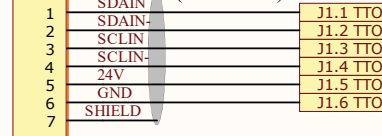
Detec. Sensing

(A15191-01)



Power Out

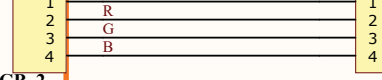
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Top Table Sensing

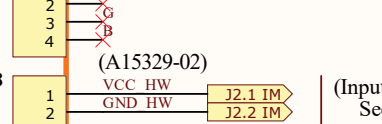
(Top Table Sensing Module) See pag8

(A15187-01)



RGB

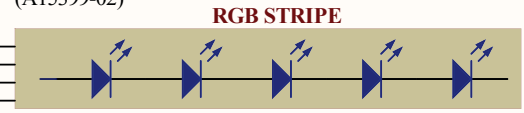
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Power ON

(Input Module) See pag3

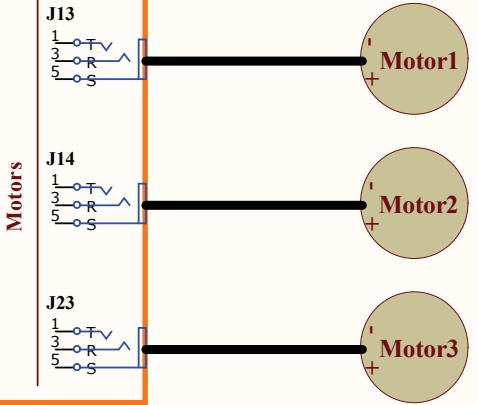
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NET 400/500 VERSION

NET 500 VERSION (OPTIONAL)

GPIO TABLE MODULE



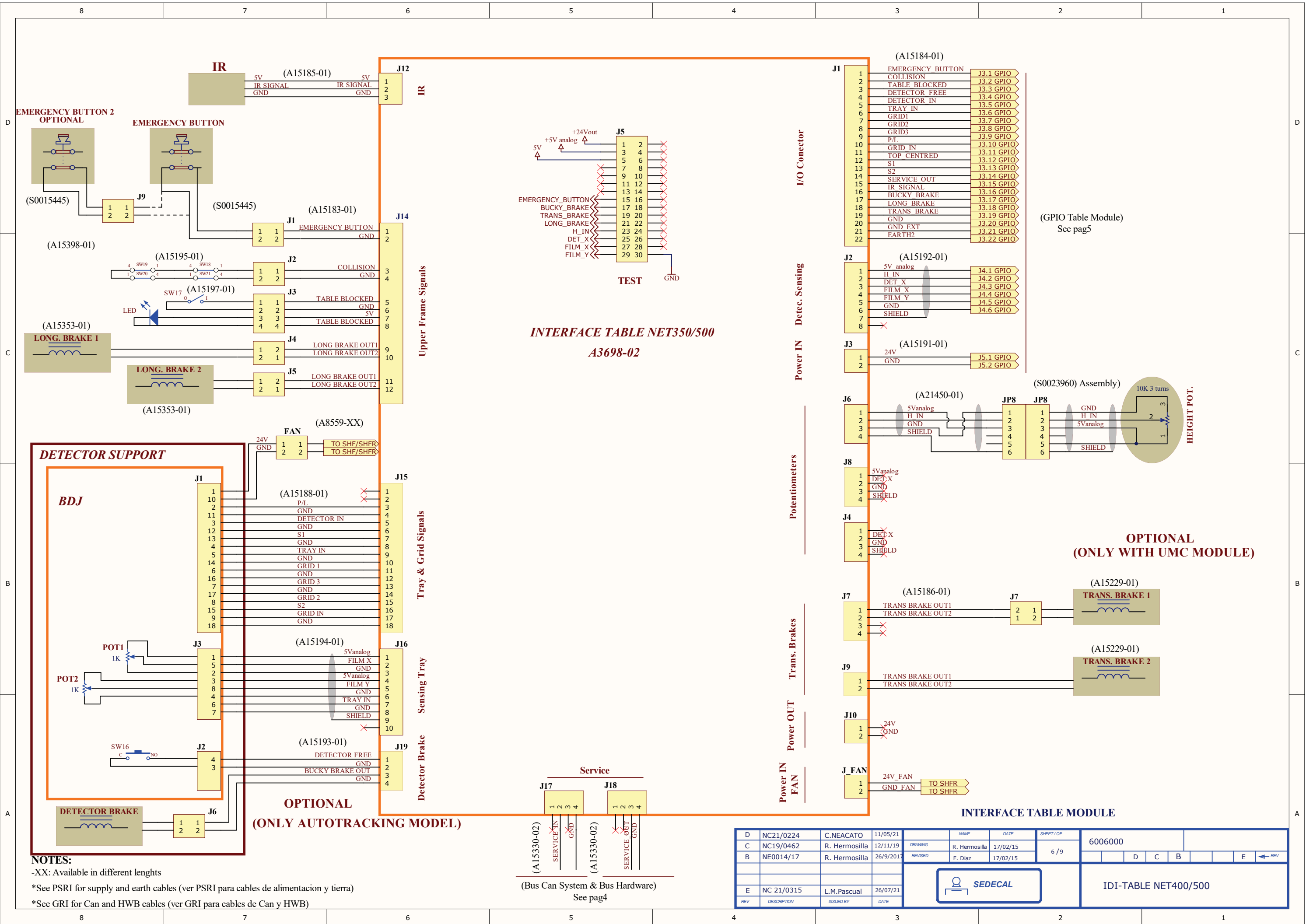
Motors

NOTES:
-XX: Available in different lengths

*See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)

*See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

D	NC21/0224	C. NEACATO	11/05/21	NAME	DATE	SHEET / OF	6006000	D	C	B	E	← REV
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15						
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15	5 / 9					
E	NC 21/0315	L.M.Pascual	26/07/21									
REV	DESCRIPTION	ISSUED BY	DATE	SEDECAL				IDI-TABLE NET400/500				



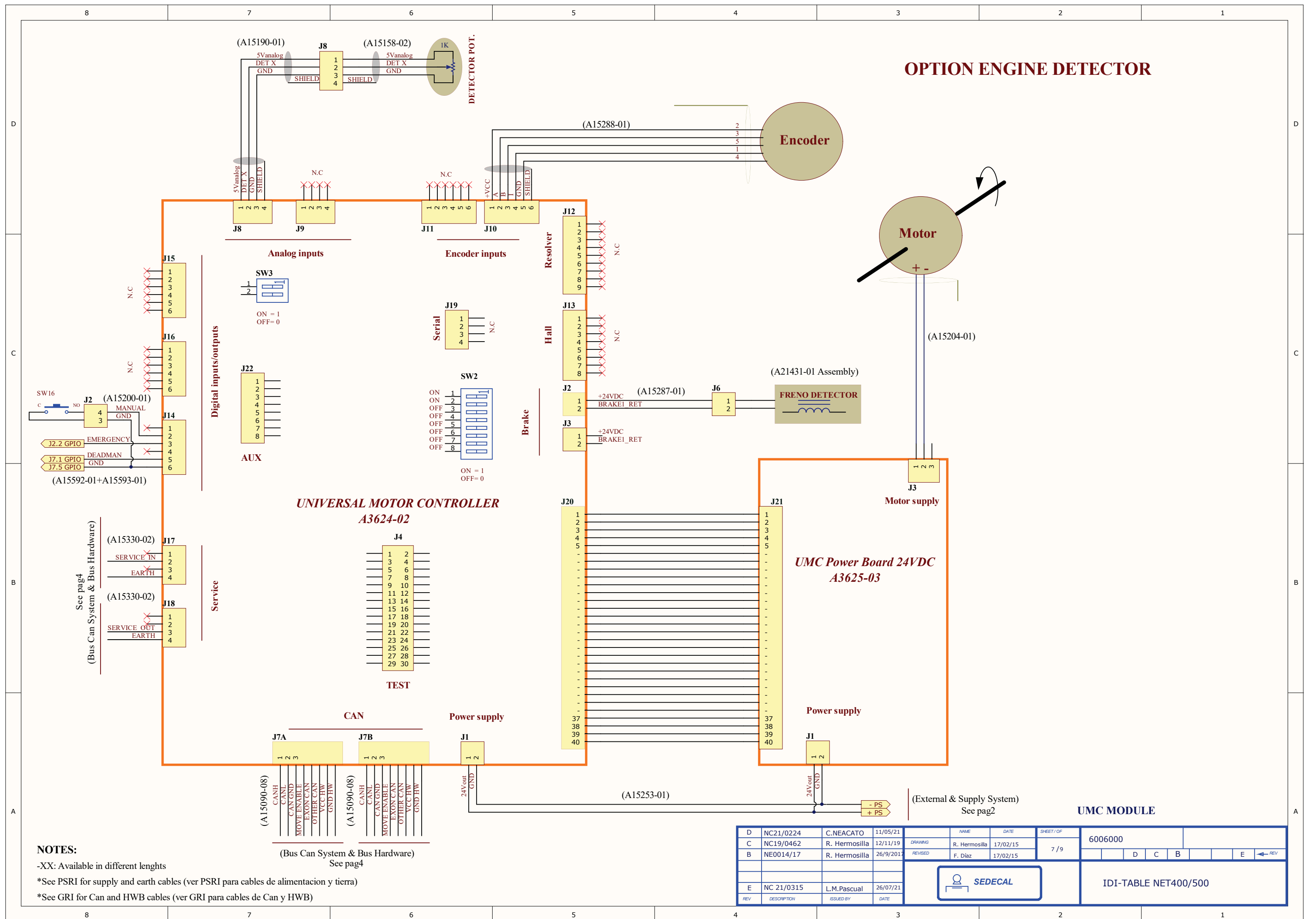
NOTES:
 -XX: Available in different lengths
 *See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)
 *See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

(Bus Can System & Bus Hardware)
 See pag4

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	6006000
D	NC21/0224	C. NEACATO	11/05/21				
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	6 / 9
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15	
E	NC 21/0315	L.M.Pascual	26/07/21				



IDI-TABLE NET400/500



OPTION ENGINE DETECTOR

**UNIVERSAL MOTOR CONTROLLER
A3624-02**

**UMC Power Board 24VDC
A3625-03**

NOTES:
 -XX: Available in different lengths
 *See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)
 *See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

(Bus Can System & Bus Hardware)
See pag4

(External & Supply System)
See pag2

UMC MODULE

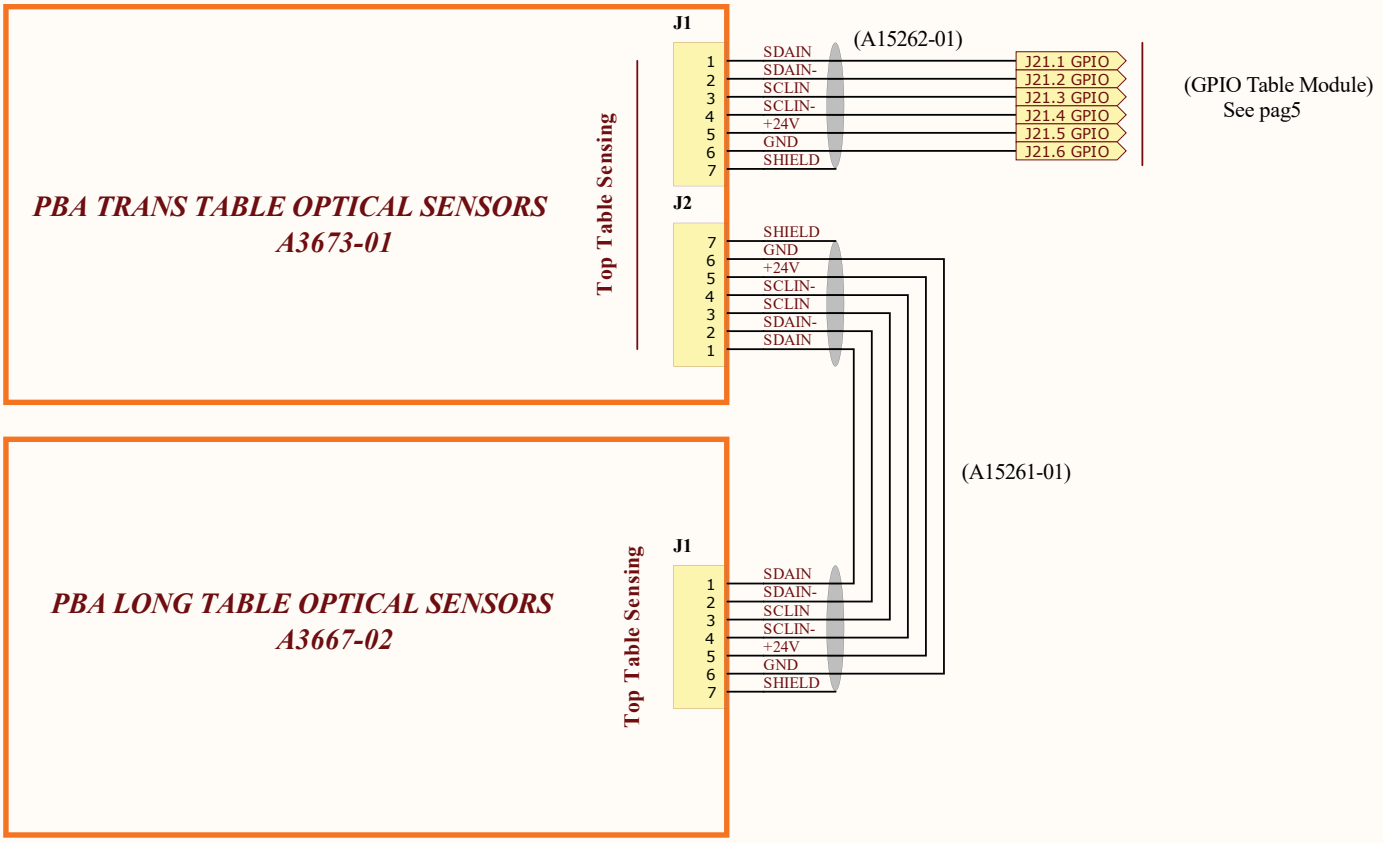
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C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15			7/9
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15			
E	NC 21/0315	L.M.Pascual	26/07/21	ISSUED BY	DATE	SEDECAL		IDI-TABLE NET400/500	

D

C

B

A



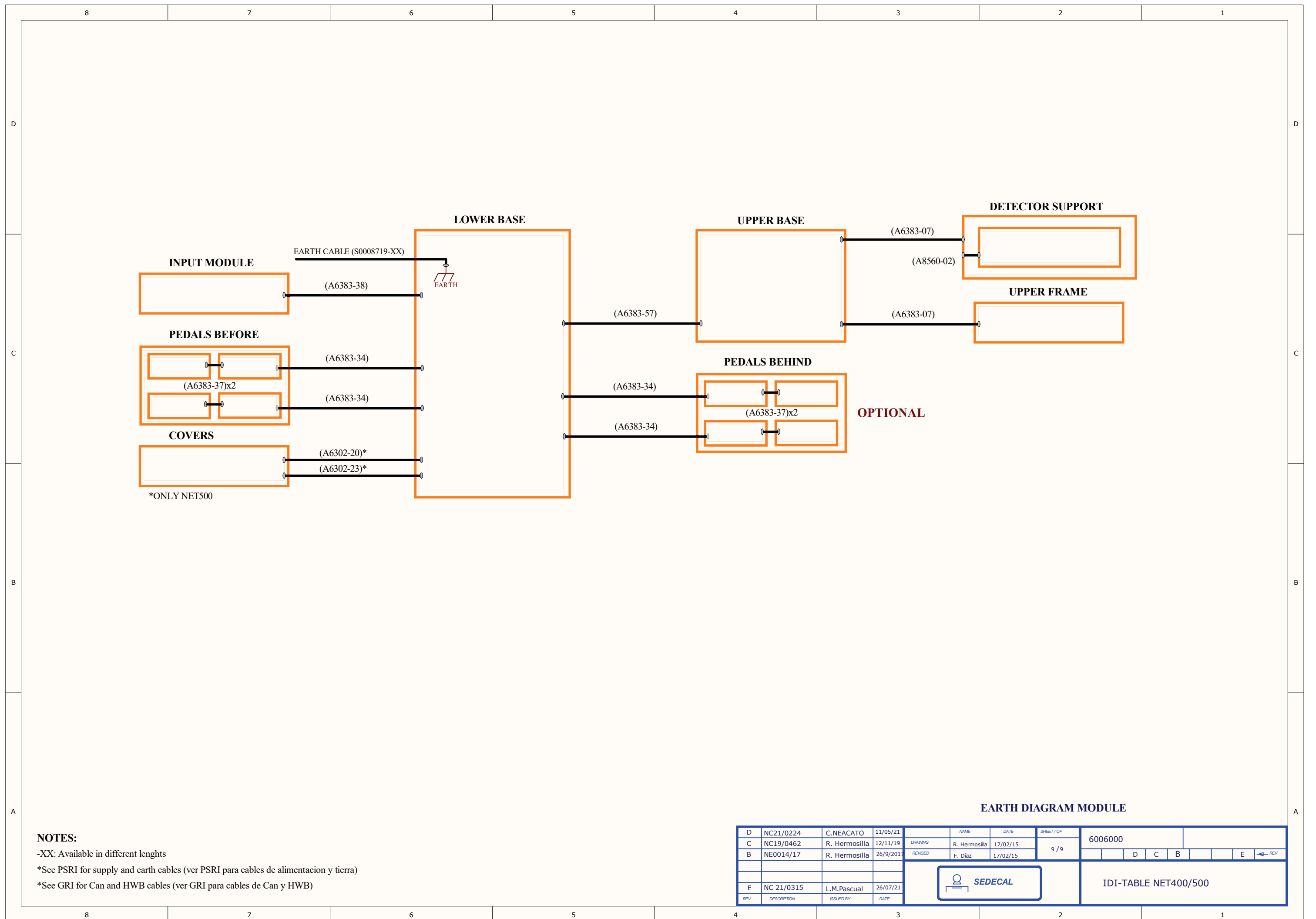
(GPIO Table Module)
See pag5

TOP TABLE SENSING MODULE

NOTES:

- XX: Available in different lengths
- *See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)
- *See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

D	NC21/0224	C.NEACATO	11/05/21		NAME	DATE	SHEET / OF	6006000						
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	8 / 9		D	C	B		E	← REV
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15								
E	NC 21/0315	L.M.Pascual	26/07/21											IDI-TABLE NET400/500
REV	DESCRIPTION	ISSUED BY	DATE											



NOTES:

-XX: Available in different lengths

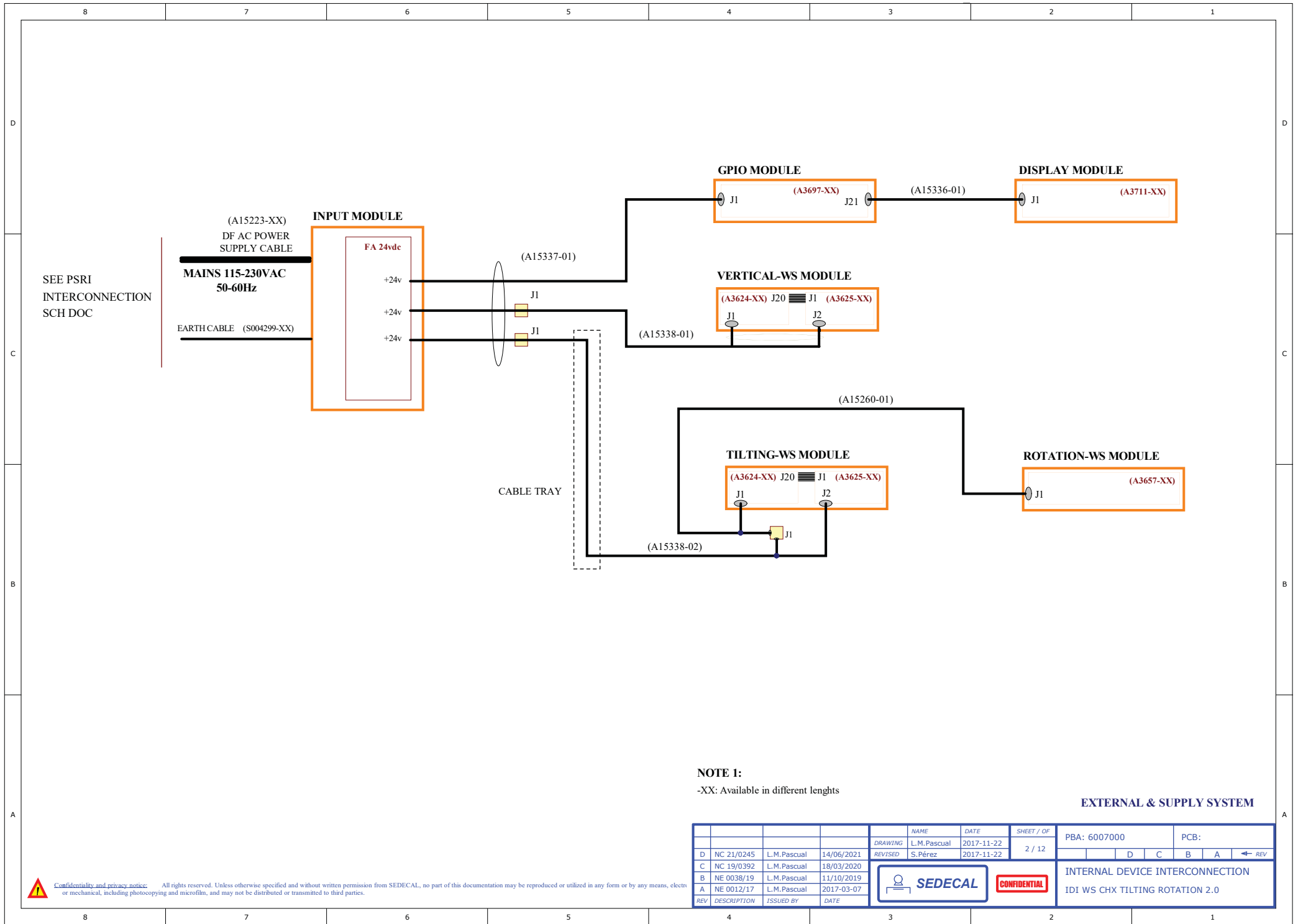
*See PSRI for supply and earth cables (ver PSRI para cables de alimentacion y tierra)

*See GRI for Can and HWB cables (ver GRI para cables de Can y HWB)

EARTH DIAGRAM MODULE

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF						
D	NC21/0224	C.NEACATO	11/05/21				6006000					
C	NC19/0462	R. Hermosilla	12/11/19	DRAWING	R. Hermosilla	17/02/15	9 / 9					
B	NE0014/17	R. Hermosilla	26/9/2017	REVISED	F. Diaz	17/02/15		D	C	B	E	← REV
E	NC 21/0315	L.M.Pascual	26/07/21				IDI-TABLE NET400/500					





SEE PSRI
INTERCONNECTION
SCH DOC

NOTE 1:
-XX: Available in different lengths

EXTERNAL & SUPPLY SYSTEM

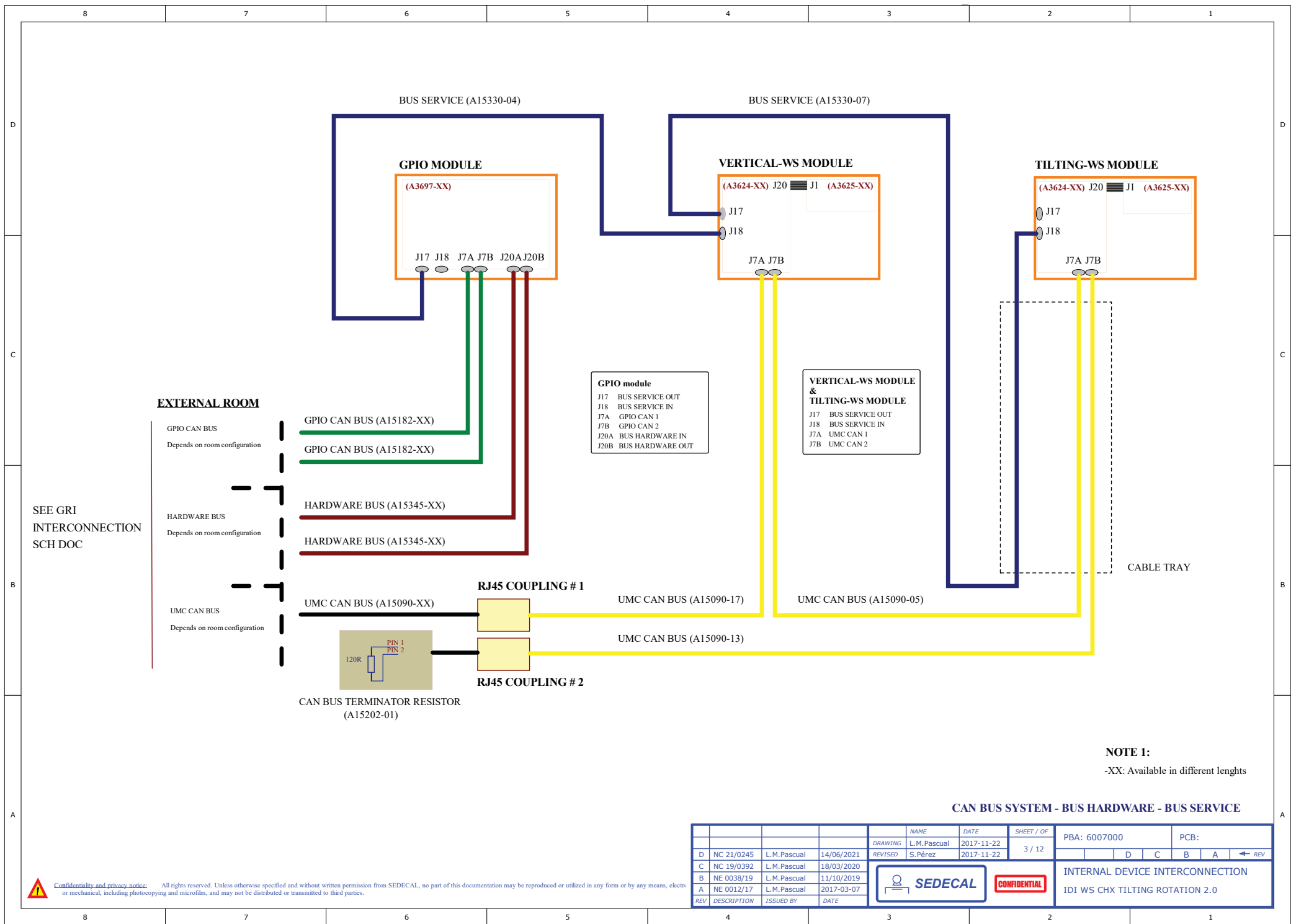
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				REVISED		S.Pérez		2017-11-22					
D	NC 21/0245	L.M.Pascual	14/06/2021										
C	NC 19/0392	L.M.Pascual	18/03/2020										
B	NE 0038/19	L.M.Pascual	11/10/2019										
A	NE 0012/17	L.M.Pascual	2017-03-07										
REV	DESCRIPTION	ISSUED BY	DATE										

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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING ROTATION 2.0



EXTERNAL ROOM

- GPIO CAN BUS
Depends on room configuration
- HARDWARE BUS
Depends on room configuration
- UMC CAN BUS
Depends on room configuration

SEE GRI
INTERCONNECTION
SCH DOC

GPIO module
 J17 BUS SERVICE OUT
 J18 BUS SERVICE IN
 J7A GPIO CAN 1
 J7B GPIO CAN 2
 J20A BUS HARDWARE IN
 J20B BUS HARDWARE OUT

**VERTICAL-WS MODULE
&
TILTING-WS MODULE**
 J17 BUS SERVICE OUT
 J18 BUS SERVICE IN
 J7A UMC CAN 1
 J7B UMC CAN 2

NOTE 1:
-XX: Available in different lengths

CAN BUS SYSTEM - BUS HARDWARE - BUS SERVICE

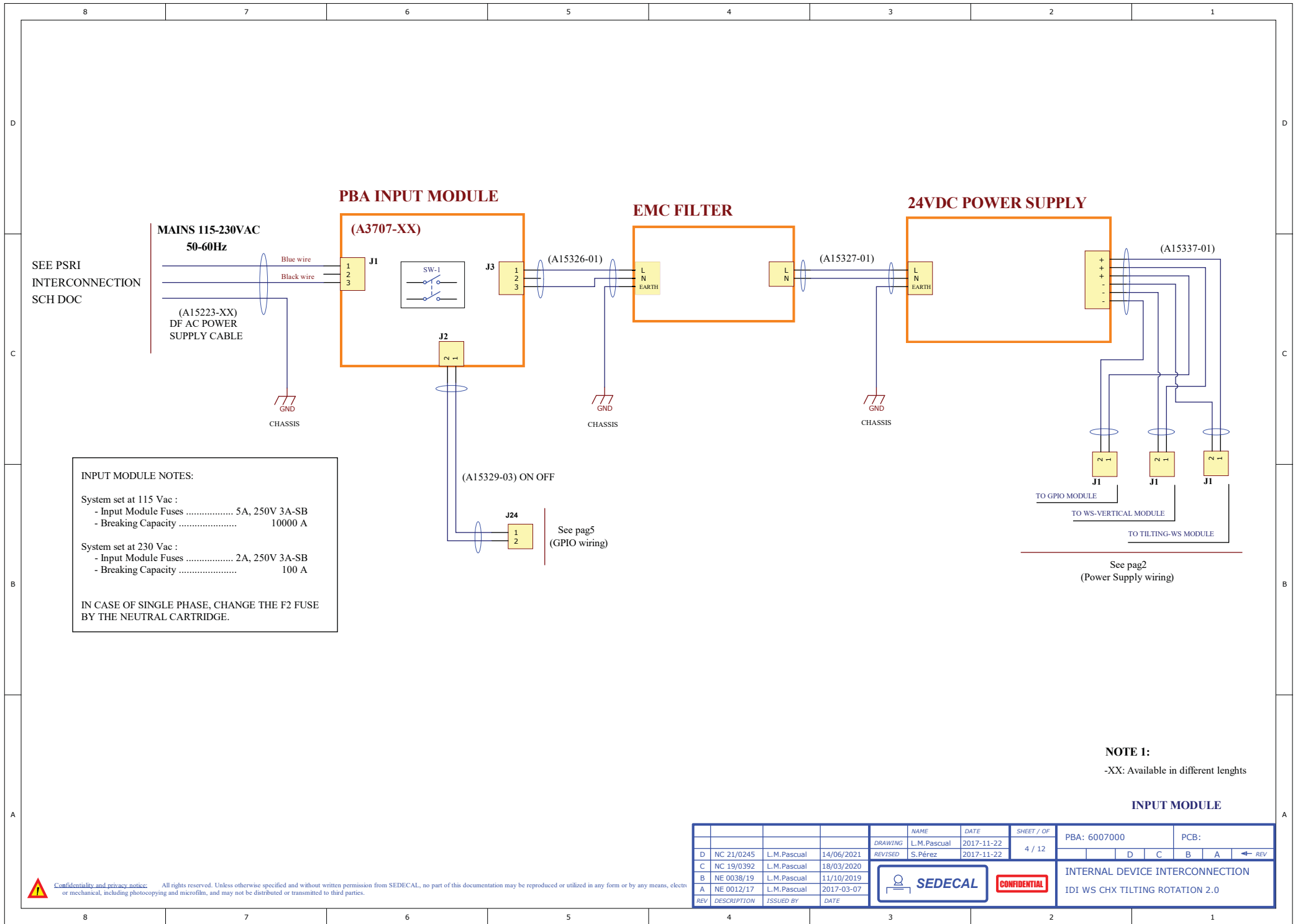
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				REVISED	S.Pérez	2017-11-22				
D	NC 21/0245	L.M.Pascual	14/06/2021							
C	NC 19/0392	L.M.Pascual	18/03/2020							
B	NE 0038/19	L.M.Pascual	11/10/2019							
A	NE 0012/17	L.M.Pascual	2017-03-07							
REV	DESCRIPTION	ISSUED BY	DATE							



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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING ROTATION 2.0

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SEE PSRI
INTERCONNECTION
SCH DOC

**MAINS 115-230VAC
50-60Hz**

(A15223-XX)
DF AC POWER
SUPPLY CABLE

**PBA INPUT MODULE
(A3707-XX)**

**EMC FILTER
(A15326-01)**

**24VDC POWER SUPPLY
(A15327-01)**

INPUT MODULE NOTES:

System set at 115 Vac :
 - Input Module Fuses 5A, 250V 3A-SB
 - Breaking Capacity 10000 A

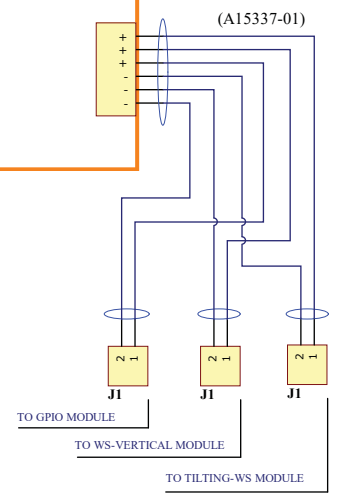
System set at 230 Vac :
 - Input Module Fuses 2A, 250V 3A-SB
 - Breaking Capacity 100 A

IN CASE OF SINGLE PHASE, CHANGE THE F2 FUSE
BY THE NEUTRAL CARTRIDGE.

(A15329-03) ON OFF

J24

See pag5
(GPIO wiring)



See pag2
(Power Supply wiring)

NOTE 1:
-XX: Available in different lengths

INPUT MODULE

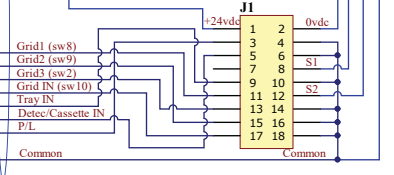
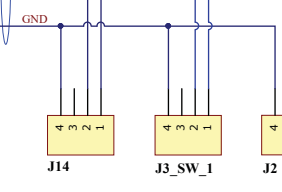
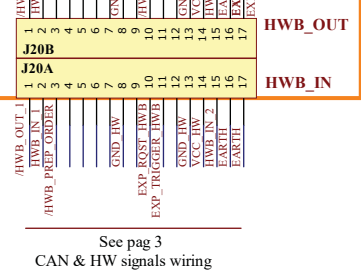
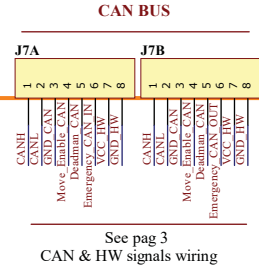
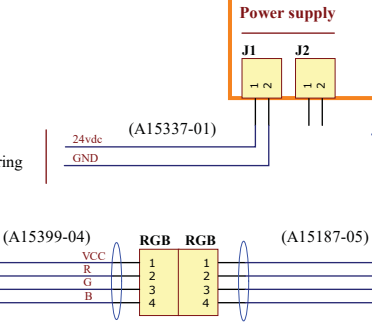
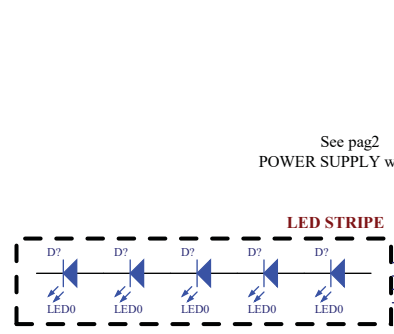
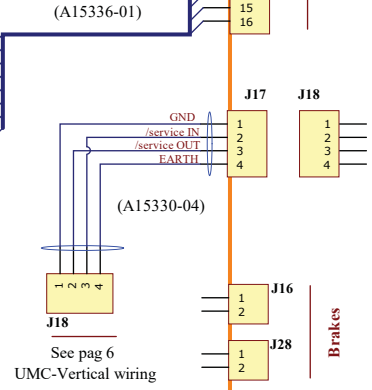
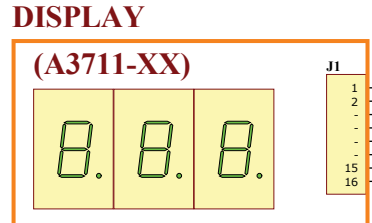
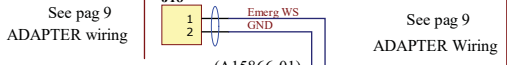
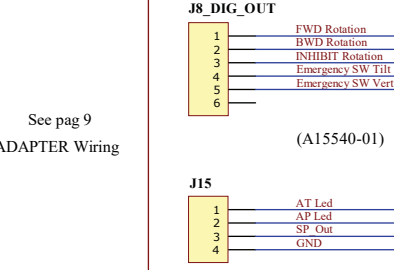
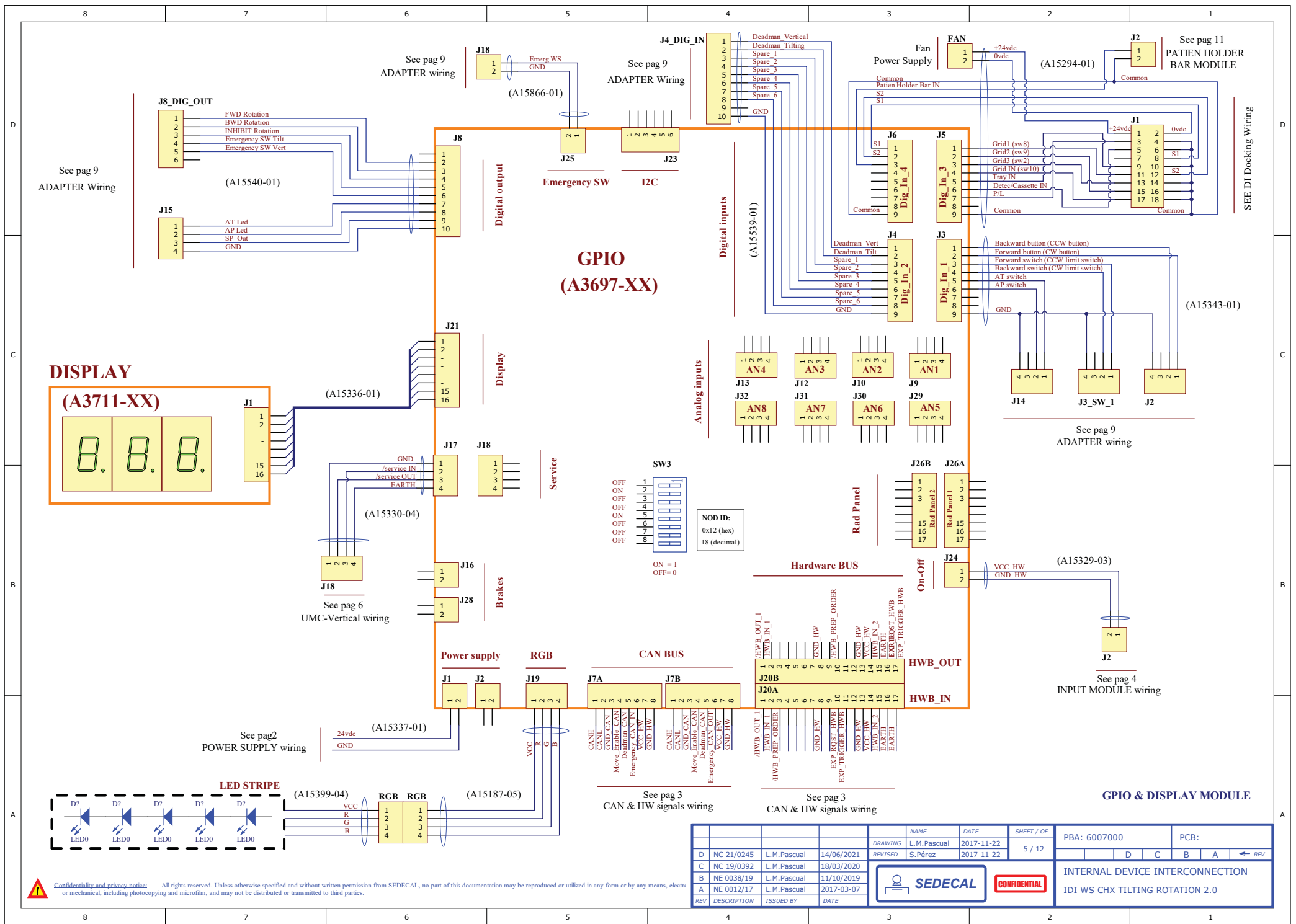
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				DRAWING	L.M.Pascual	2017-11-22	4 / 12			
				REVISED	S.Pérez	2017-11-22				
D	NC 21/0245	L.M.Pascual	14/06/2021							
C	NC 19/0392	L.M.Pascual	18/03/2020							
B	NE 0038/19	L.M.Pascual	11/10/2019							
A	NE 0012/17	L.M.Pascual	2017-03-07							
REV	DESCRIPTION	ISSUED BY	DATE							

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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING ROTATION 2.0

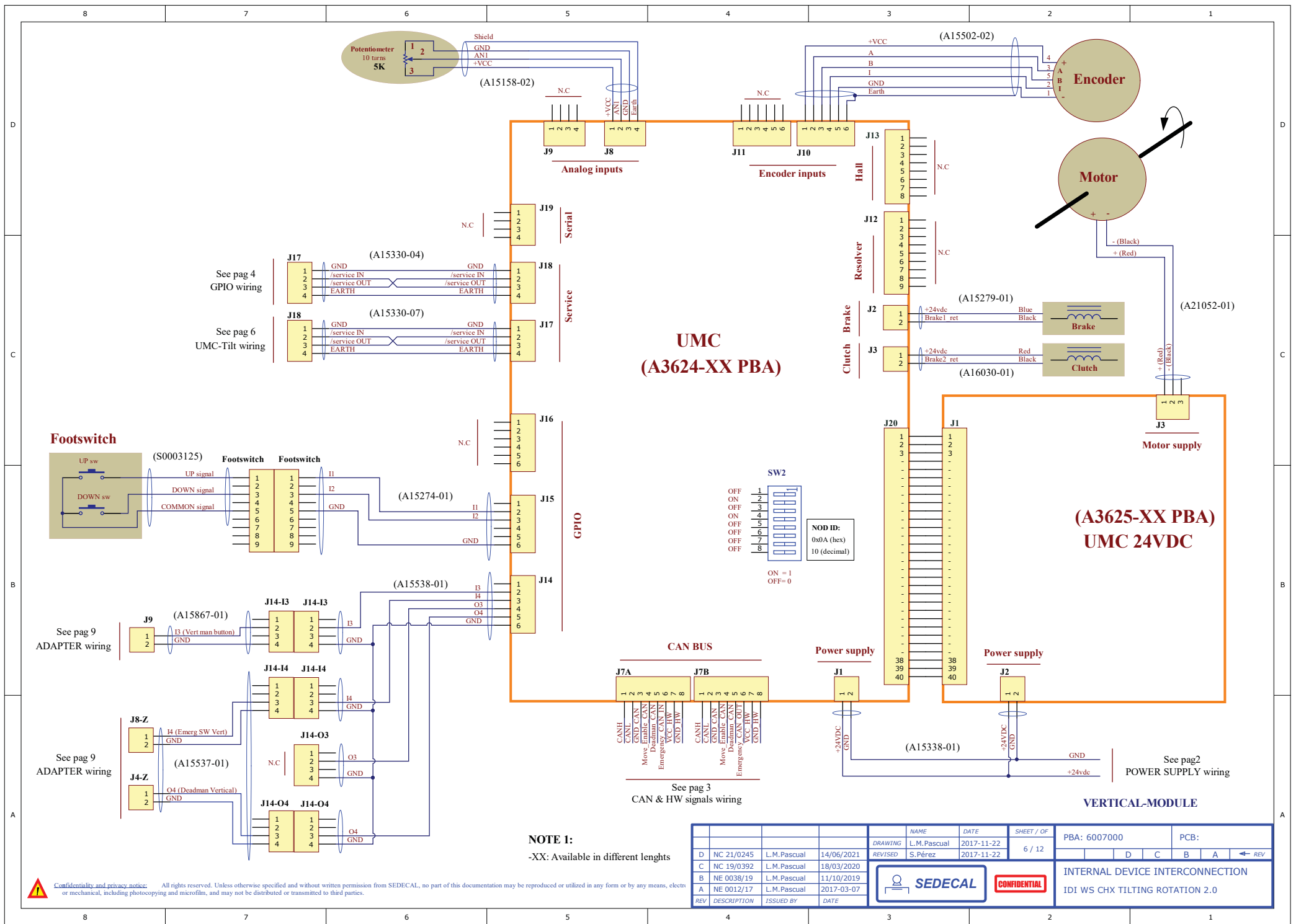


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D	NC 21/0245	L.M.Pascual	14/06/2021		L.M.Pascual	2017-11-22	5 / 12		
C	NC 19/0392	L.M.Pascual	18/03/2020		S.Pérez	2017-11-22			
B	NE 0038/19	L.M.Pascual	11/10/2019						
A	NE 0012/17	L.M.Pascual	2017-03-07						

NAME	DATE	SHEET / OF	PBA: 6007000	PCB:
L.M.Pascual	2017-11-22	5 / 12		
INTERNAL DEVICE INTERCONNECTION				
IDI WS CHX TILTING ROTATION 2.0				

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**UMC
(A3624-XX PBA)**

**(A3625-XX PBA)
UMC 24VDC**

NOTE 1:
-XX: Available in different lengths

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007000	PCB:
D	NC 21/0245	L.M.Pascual	14/06/2021	REVISION	L.M.Pascual	2017-11-22	6 / 12		
C	NC 19/0392	L.M.Pascual	18/03/2020		S.Pérez	2017-11-22			
B	NE 0038/19	L.M.Pascual	11/10/2019						
A	NE 0012/17	L.M.Pascual	2017-03-07						



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See pag 4
GPIO wiring

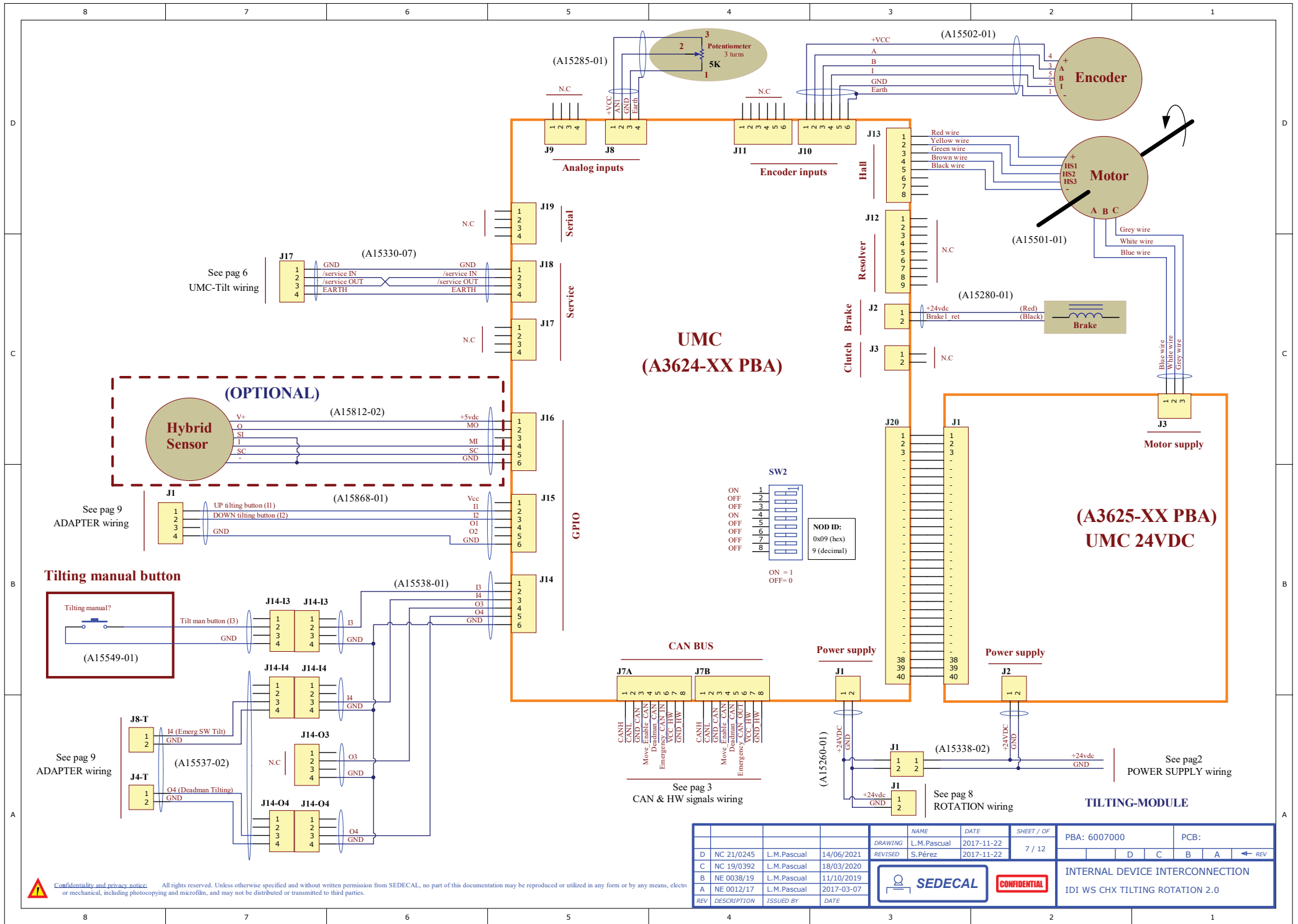
See pag 6
UMC-Tilt wiring

See pag 9
ADAPTER wiring

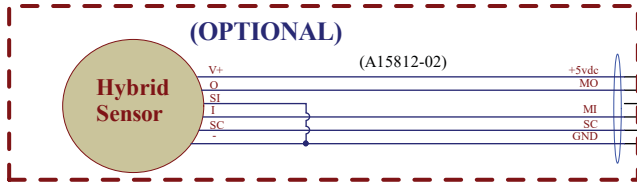
See pag 9
ADAPTER wiring

See pag2
POWER SUPPLY wiring

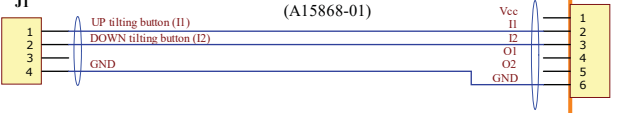
VERTICAL-MODULE



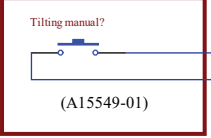
See pag 6
UMC-Tilt wiring



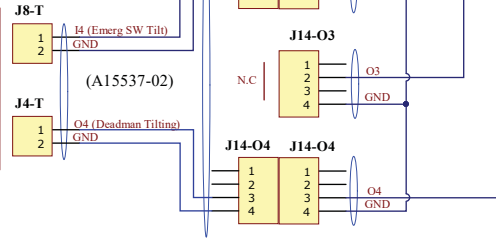
See pag 9
ADAPTER wiring



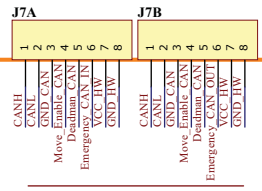
Tilting manual button



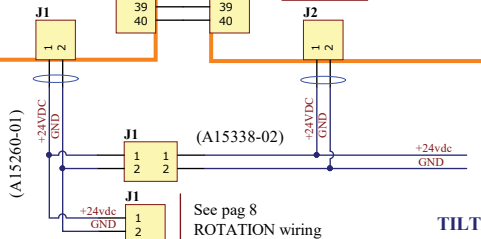
See pag 9
ADAPTER wiring



See pag 3
CAN & HW signals wiring



Power supply



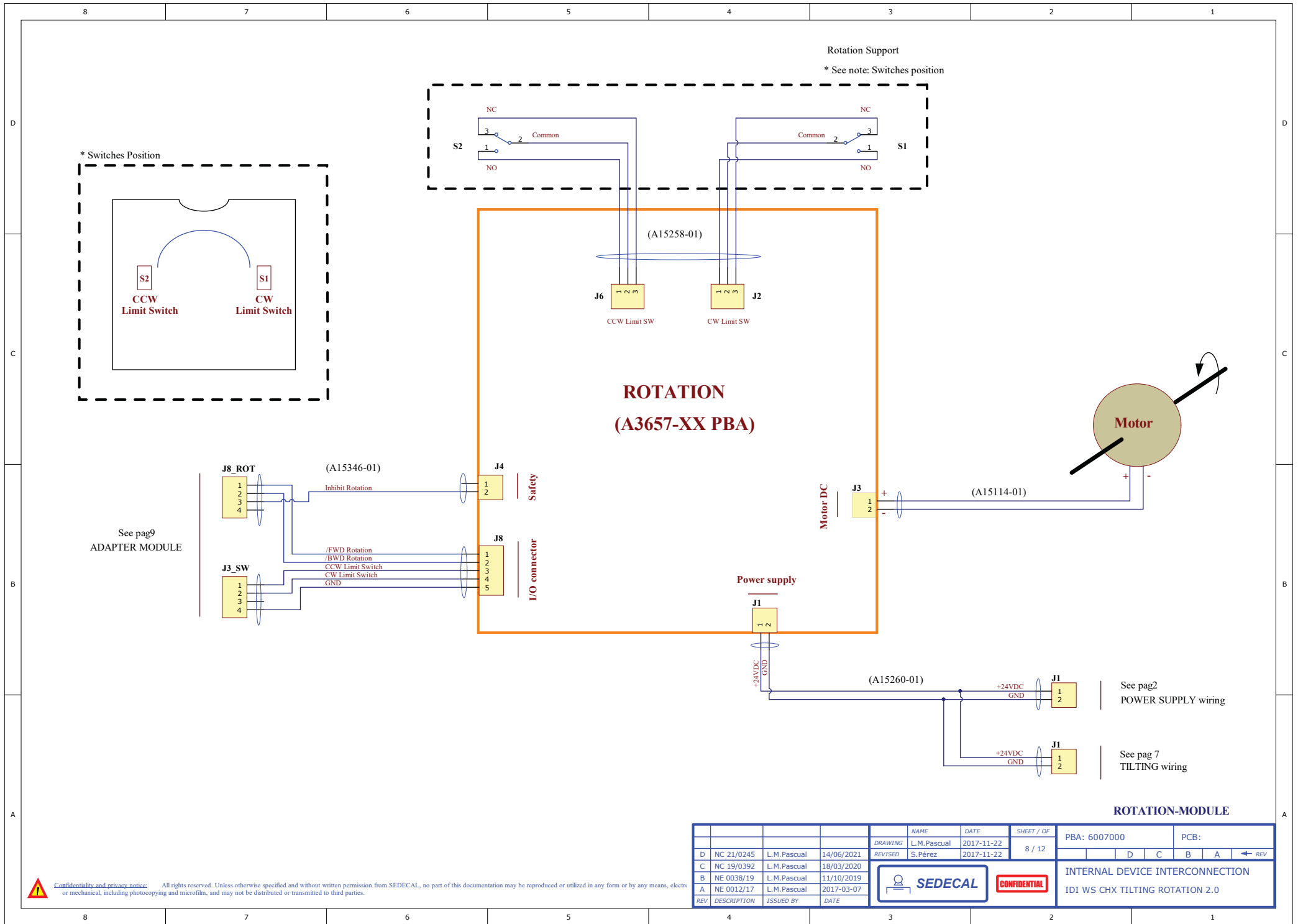
See pag2
POWER SUPPLY wiring

TILTING-MODULE

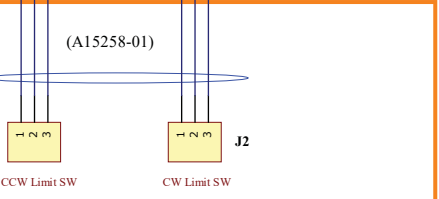
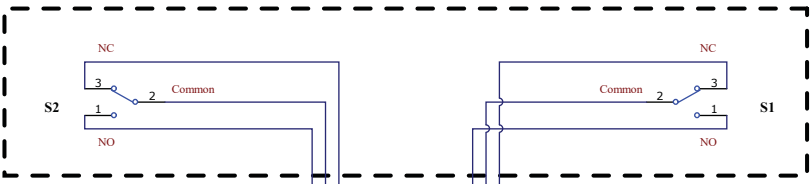
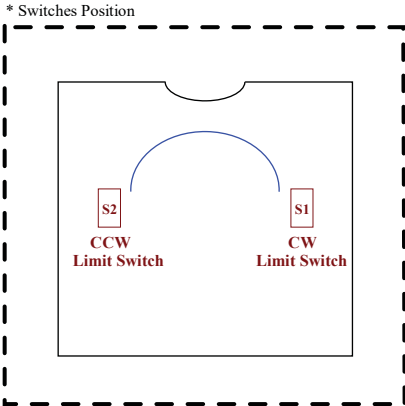
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C	NC 19/0392	L.M.Pascual	18/03/2020		S.Pérez	2017-11-22			
B	NE 0038/19	L.M.Pascual	11/10/2019						
A	NE 0012/17	L.M.Pascual	2017-03-07						

INTERNAL DEVICE INTERCONNECTION	IDI WS CHX TILTING ROTATION 2.0
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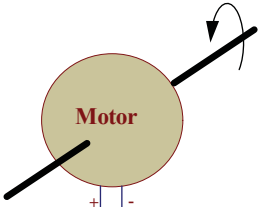




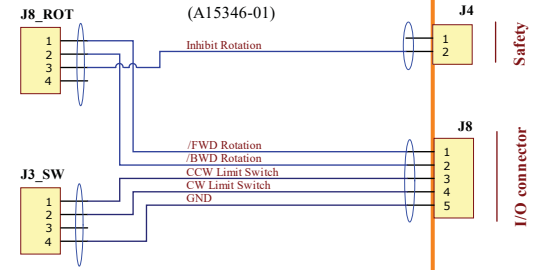
Rotation Support
* See note: Switches position



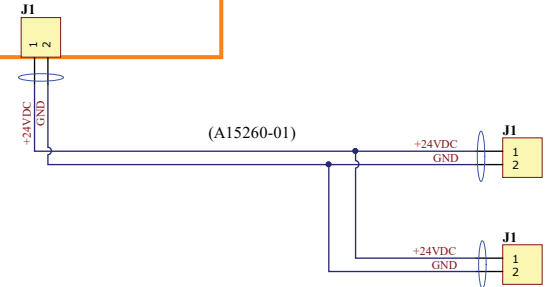
**ROTATION
(A3657-XX PBA)**



See pag9
ADAPTER MODULE



Power supply



See pag2
POWER SUPPLY wiring

See pag 7
TILTING wiring

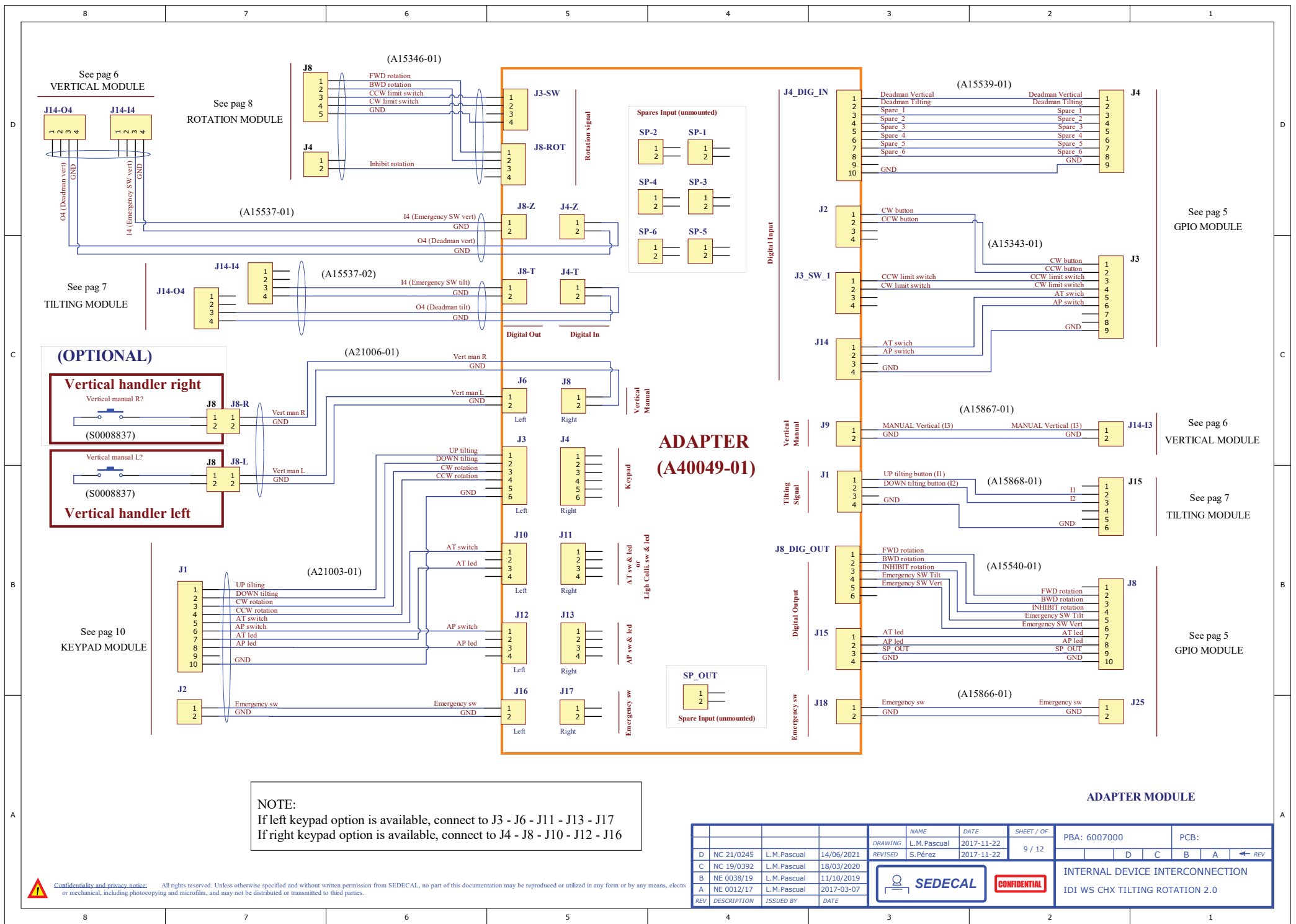
ROTATION-MODULE

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C	NC 19/0392	L.M.Pascual	18/03/2020	REVISED	S.Pérez	2017-11-22		
B	NE 0038/19	L.M.Pascual	11/10/2019					
A	NE 0012/17	L.M.Pascual	2017-03-07					



INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING ROTATION 2.0

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NOTE:
 If left keypad option is available, connect to J3 - J6 - J11 - J13 - J17
 If right keypad option is available, connect to J4 - J8 - J10 - J12 - J16

ADAPTER (A40049-01)

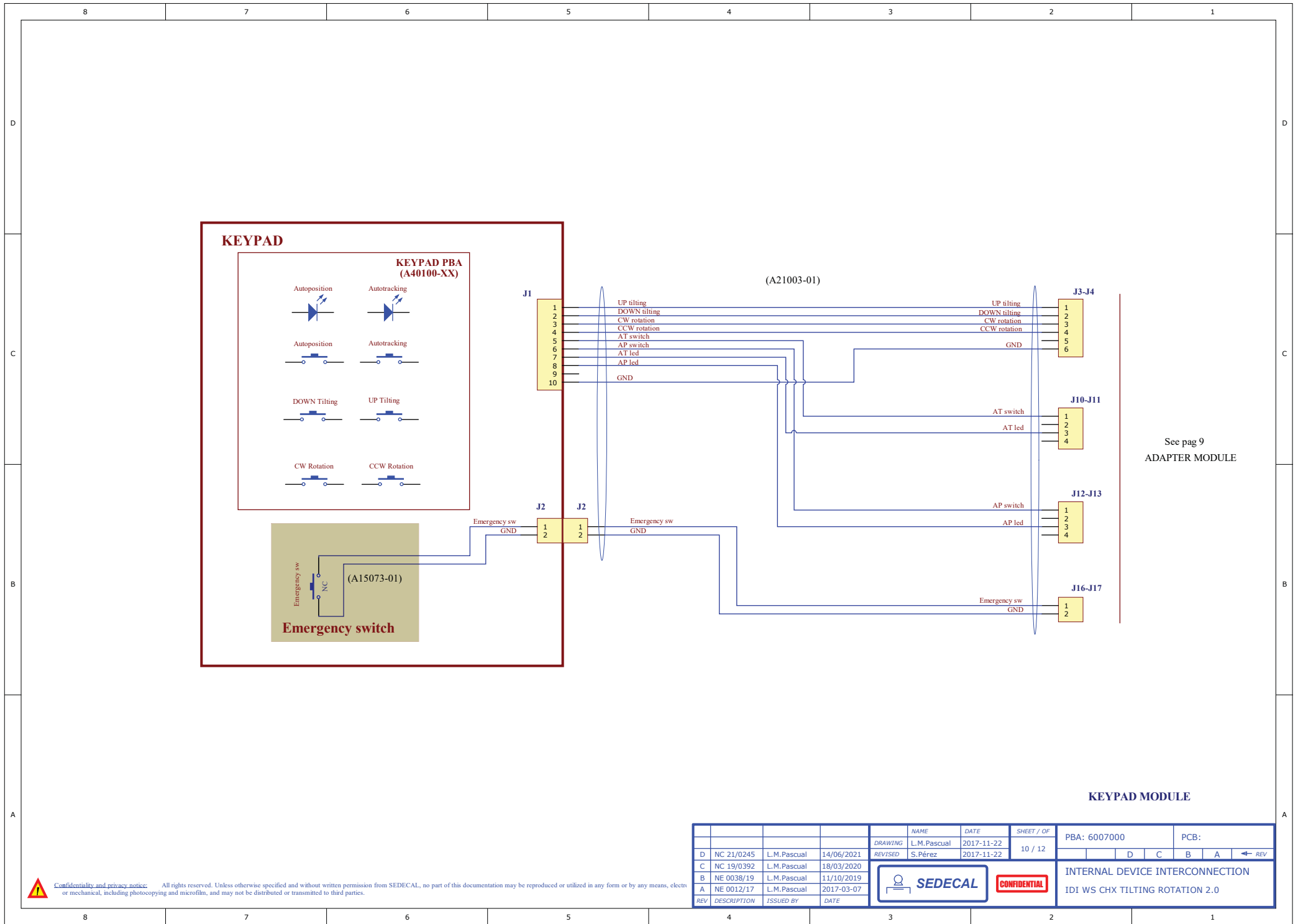
ADAPTER MODULE

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C	NC 19/0392	L.M.Pascual	18/03/2020		S.Pérez	2017-11-22							
B	NE 0038/19	L.M.Pascual	11/10/2019										
A	NE 0012/17	L.M.Pascual	2017-03-07										



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 IDI WS CHX TILTING ROTATION 2.0



See pag 9
ADAPTER MODULE

KEYPAD MODULE

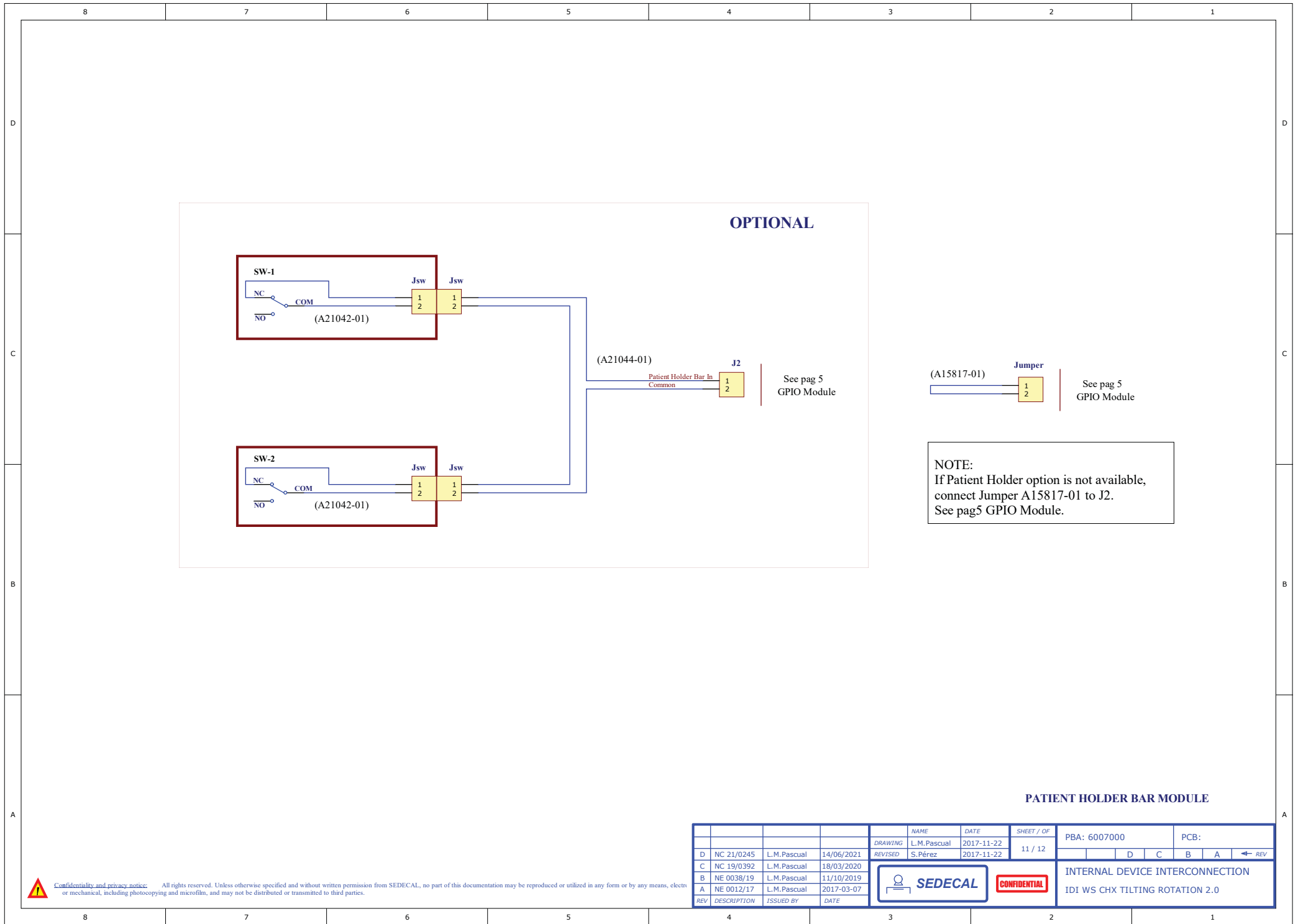
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B	NE 0038/19	L.M.Pascual	11/10/2019									
A	NE 0012/17	L.M.Pascual	2017-03-07									
REV	DESCRIPTION	ISSUED BY	DATE									



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IDI WS CHX TILTING ROTATION 2.0

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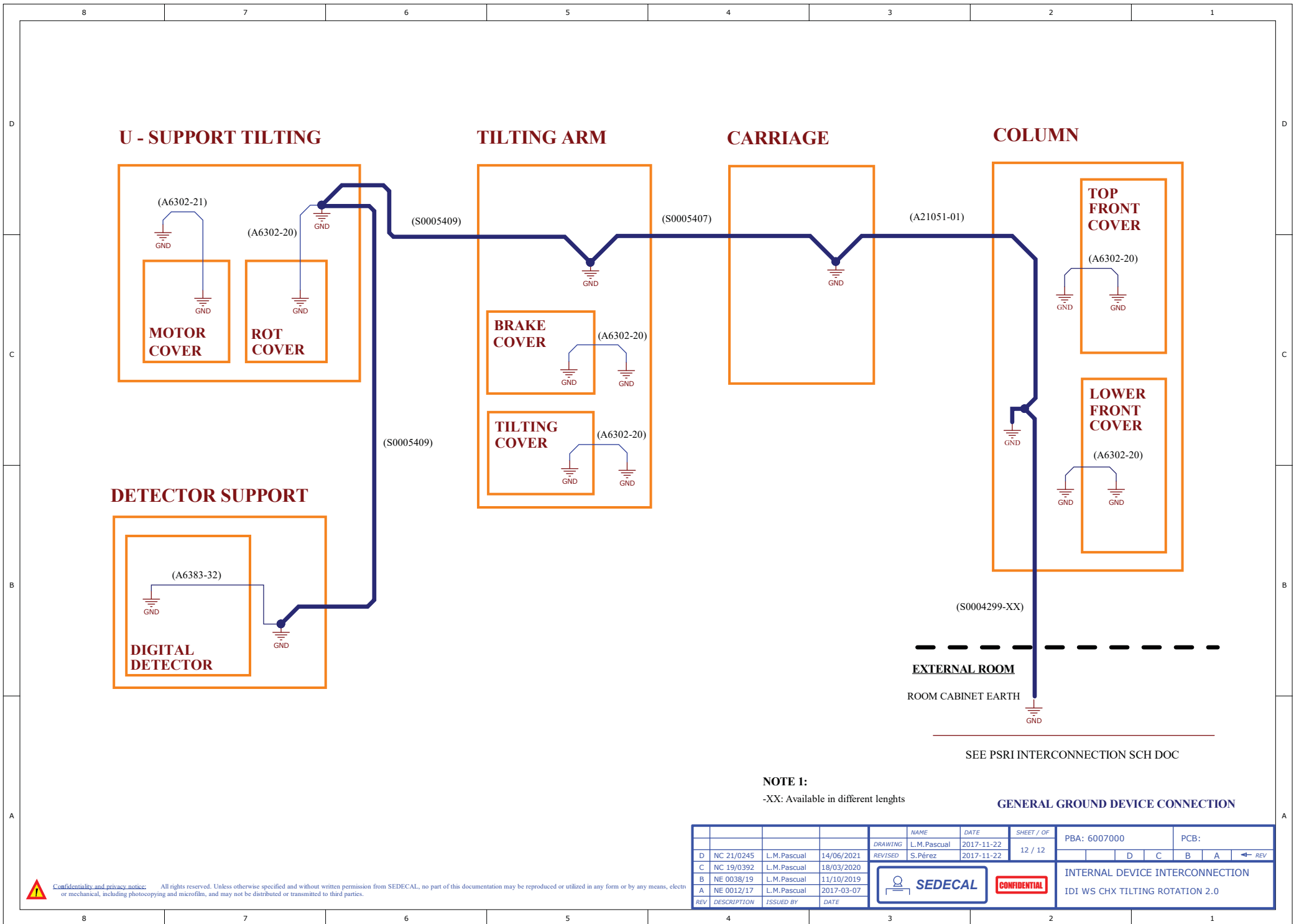


OPTIONAL

PATIENT HOLDER BAR MODULE

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D	NC 21/0245	L.M.Pascual	14/06/2021	DRAWING	L.M.Pascual	2017-11-22	11 / 12		
C	NC 19/0392	L.M.Pascual	18/03/2020	REVISED	S.Pérez	2017-11-22			
B	NE 0038/19	L.M.Pascual	11/10/2019						
A	NE 0012/17	L.M.Pascual	2017-03-07						
REV	DESCRIPTION	ISSUED BY	DATE					INTERNAL DEVICE INTERCONNECTION IDI WS CHX TILTING ROTATION 2.0	

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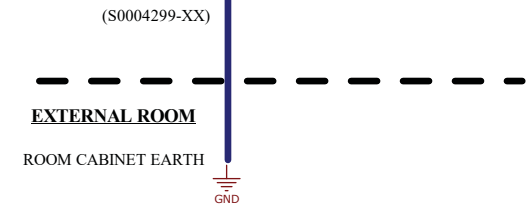
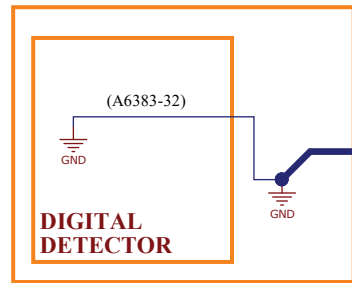
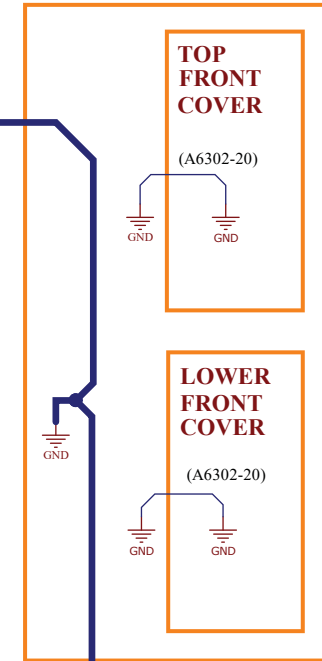
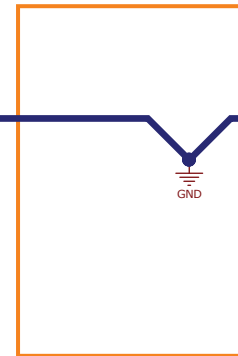
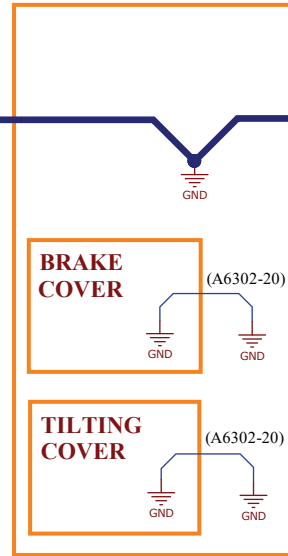
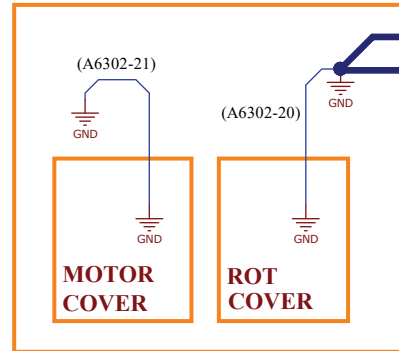
U - SUPPORT TILTING

TILTING ARM

CARRIAGE

COLUMN

DETECTOR SUPPORT



SEE PSRI INTERCONNECTION SCH DOC

NOTE 1:

-XX: Available in different lengths

GENERAL GROUND DEVICE CONNECTION

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007000				PCB:			
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C	NC 19/0392	L.M.Pascual	18/03/2020												
B	NE 0038/19	L.M.Pascual	11/10/2019												
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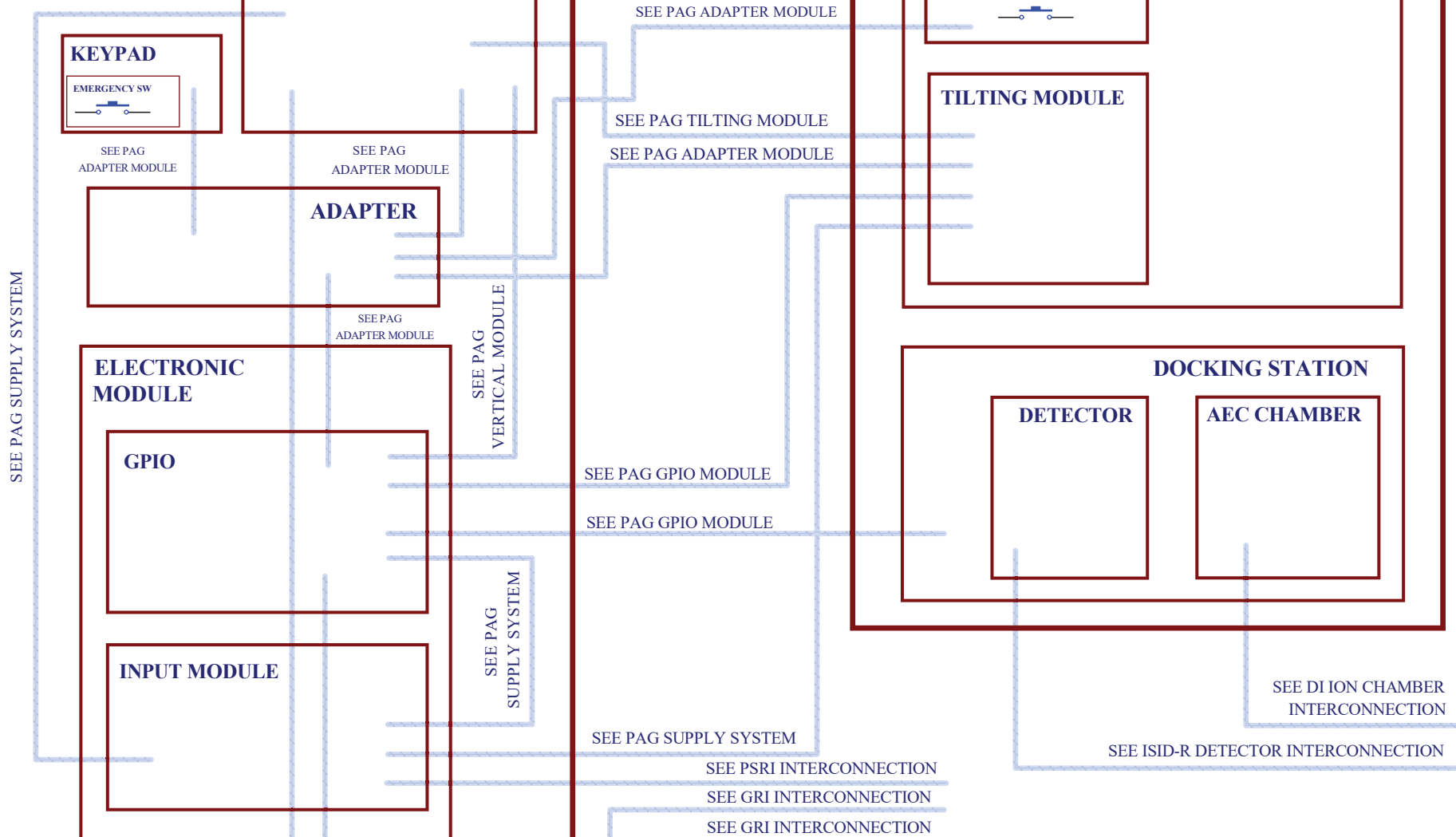
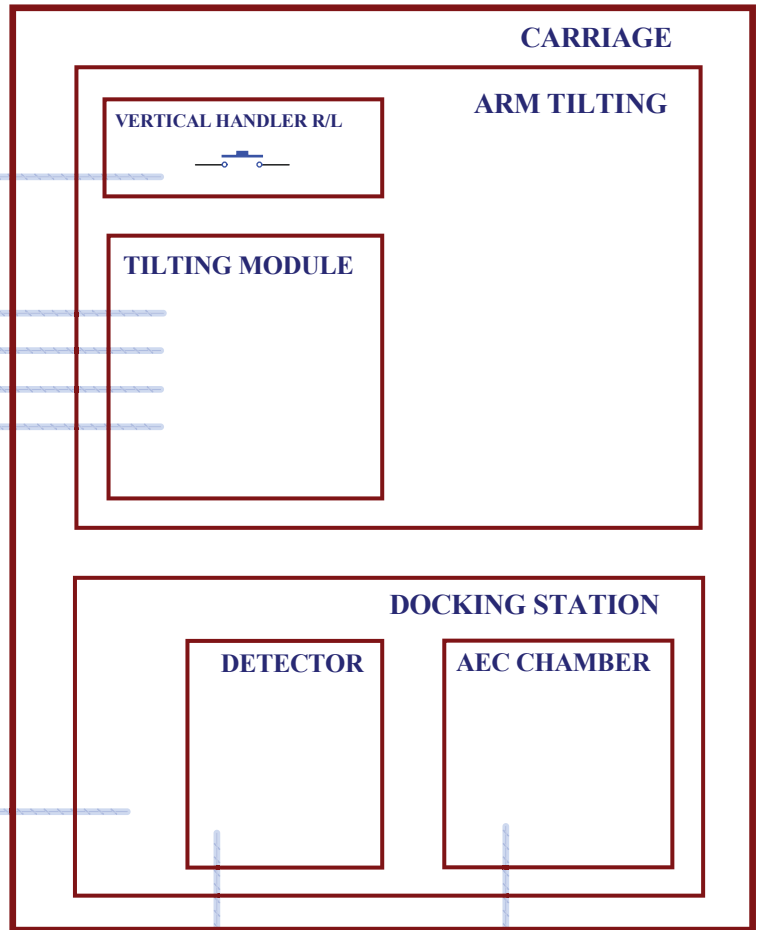
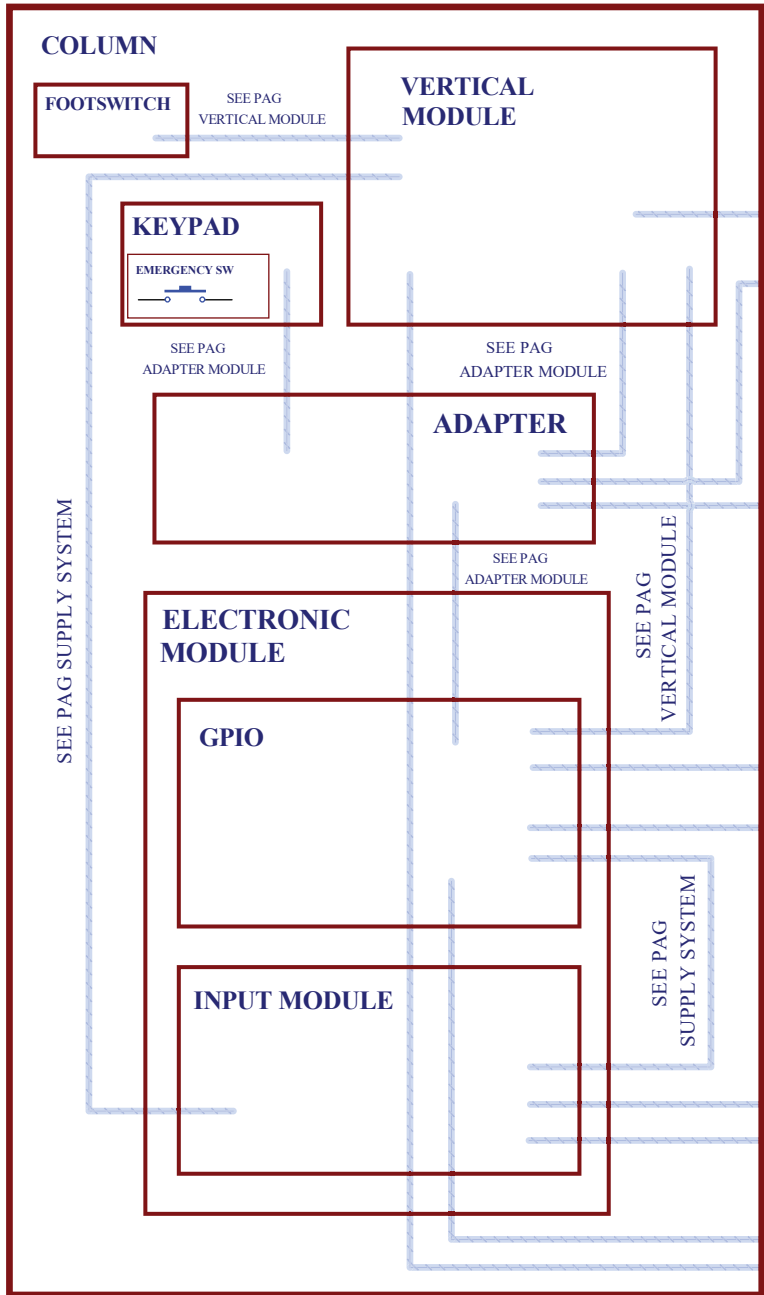


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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING ROTATION 2.0



BLOCK DIAGRAM

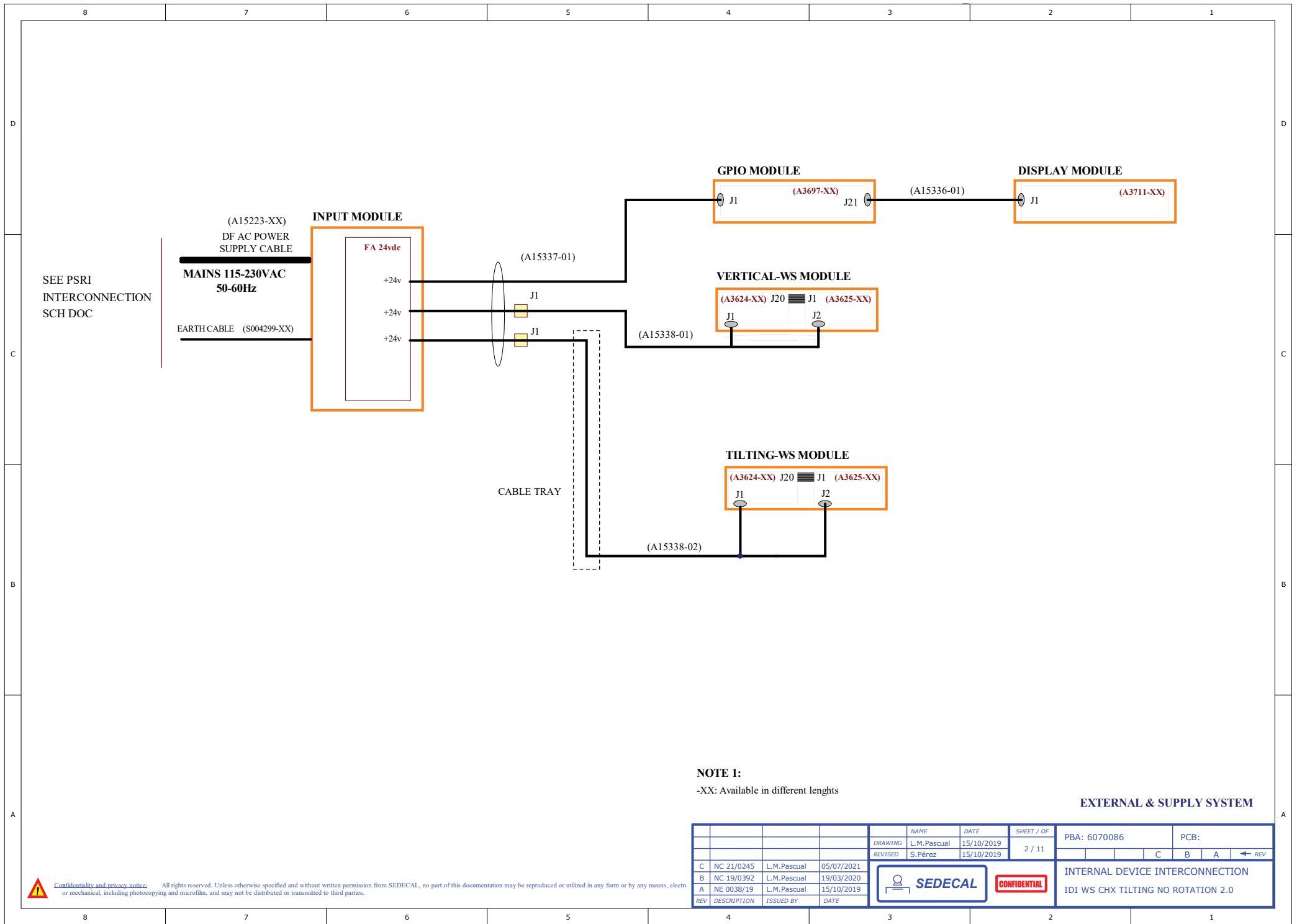
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				DRAWING	L.M.Pascual	15/10/2019		
				REVISED	S.Pérez	15/10/2019	1 / 11	
C	NC 21/0245	L.M.Pascual	05/07/2021					
B	NC 19/0392	L.M.Pascual	19/03/2020					
A	NE 0038/19	L.M.Pascual	15/10/2019					
REV	DESCRIPTION	ISSUED BY	DATE					



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IDI WS CHX TILTING NO ROTATION 2.0

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SEE PSRI
INTERCONNECTION
SCH DOC

NOTE 1:
-XX: Available in different lengths

EXTERNAL & SUPPLY SYSTEM

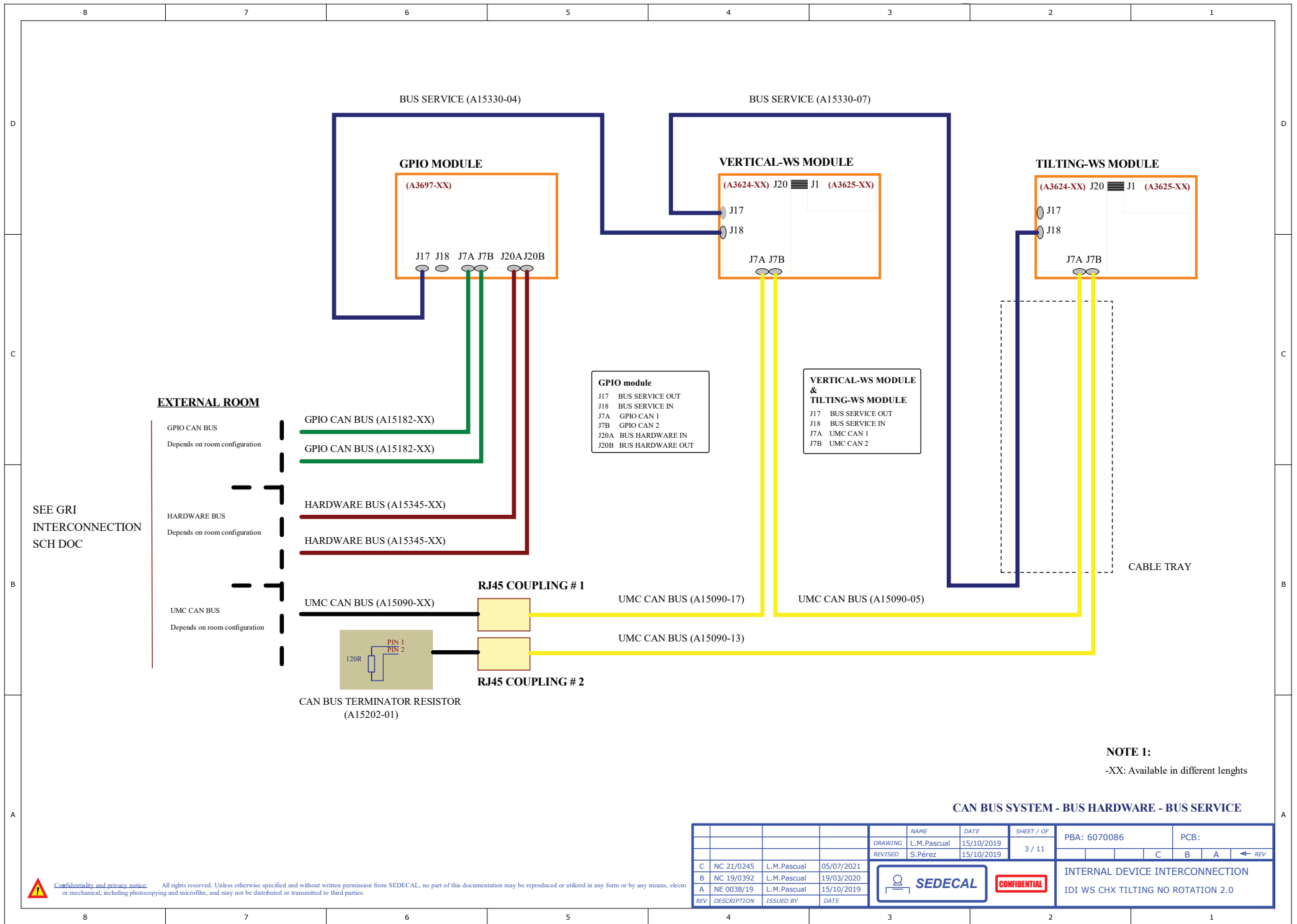
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C	NC 21/0245	L.M.Pascual	05/07/2021										
B	NC 19/0392	L.M.Pascual	19/03/2020										
A	NE 0038/19	L.M.Pascual	15/10/2019										
REV	DESCRIPTION	ISSUED BY	DATE										



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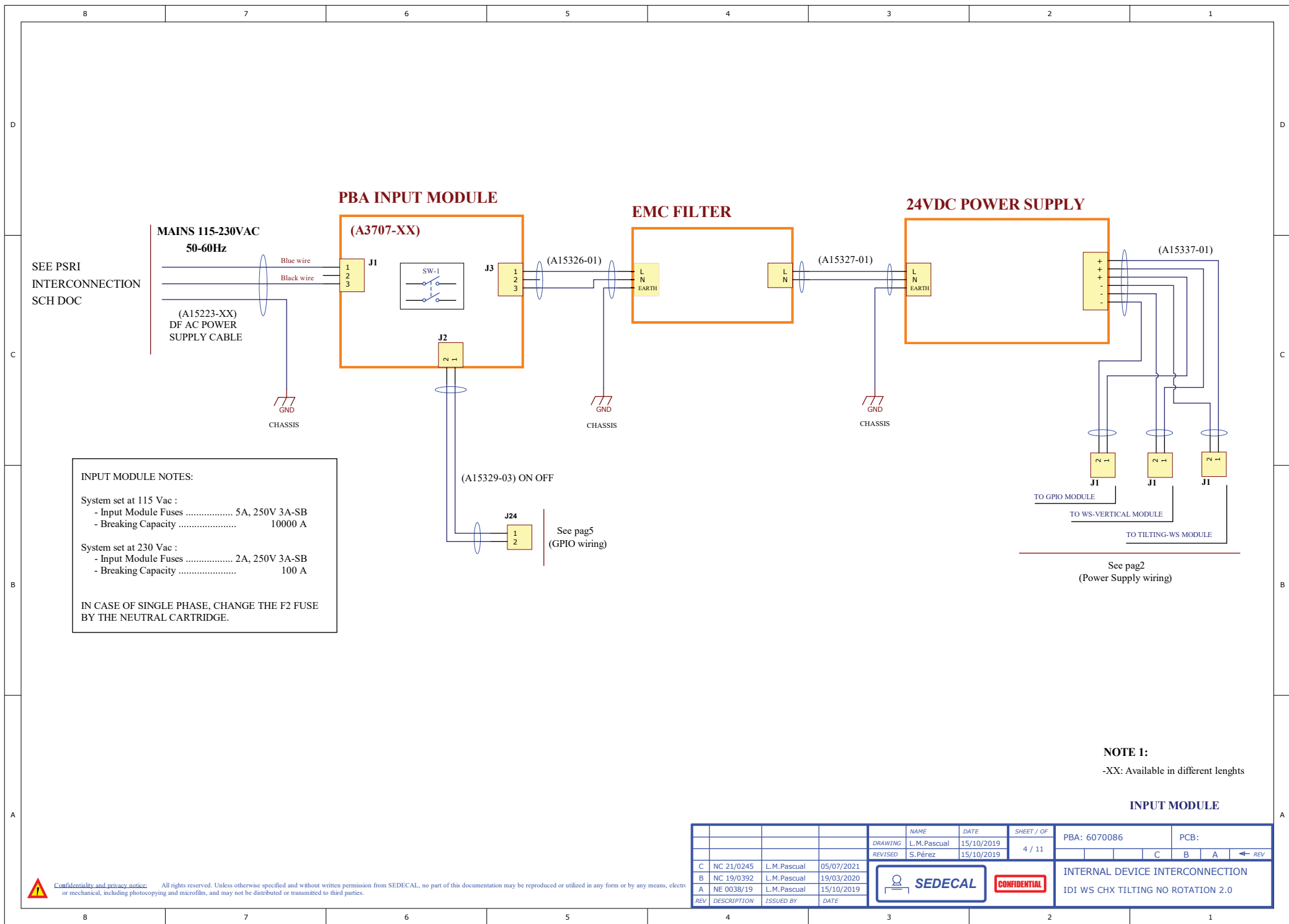


SEE GRI INTERCONNECTION SCH DOC

CAN BUS SYSTEM - BUS HARDWARE - BUS SERVICE

DRAWING		NAME		DATE		SHEET / OF		PBA: 6070086		PCB:	
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A		NE 0038/19		L.M.Pascual		15/10/2019					
REV	DESCRIPTION	ISSUED BY	DATE	SEDECAL		CONFIDENTIAL		INTERNAL DEVICE INTERCONNECTION IDI WS CHX TILTING NO ROTATION 2.0			

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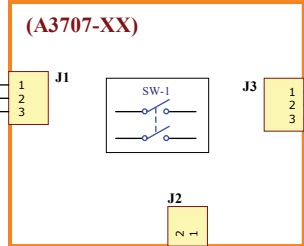


SEE PSRI
INTERCONNECTION
SCH DOC

**MAINS 115-230VAC
50-60Hz**

(A15223-XX)
DF AC POWER
SUPPLY CABLE

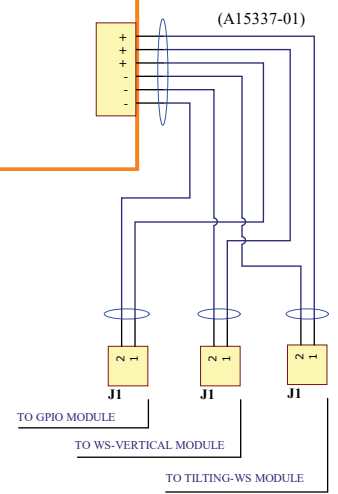
PBA INPUT MODULE



EMC FILTER



24VDC POWER SUPPLY



See pag2
(Power Supply wiring)

INPUT MODULE NOTES:

System set at 115 Vac :

- Input Module Fuses 5A, 250V 3A-SB
- Breaking Capacity 10000 A

System set at 230 Vac :

- Input Module Fuses 2A, 250V 3A-SB
- Breaking Capacity 100 A

IN CASE OF SINGLE PHASE, CHANGE THE F2 FUSE
BY THE NEUTRAL CARTRIDGE.

(A15329-03) ON OFF



See pag5
(GPIO wiring)

NOTE 1:
-XX: Available in different lengths

INPUT MODULE

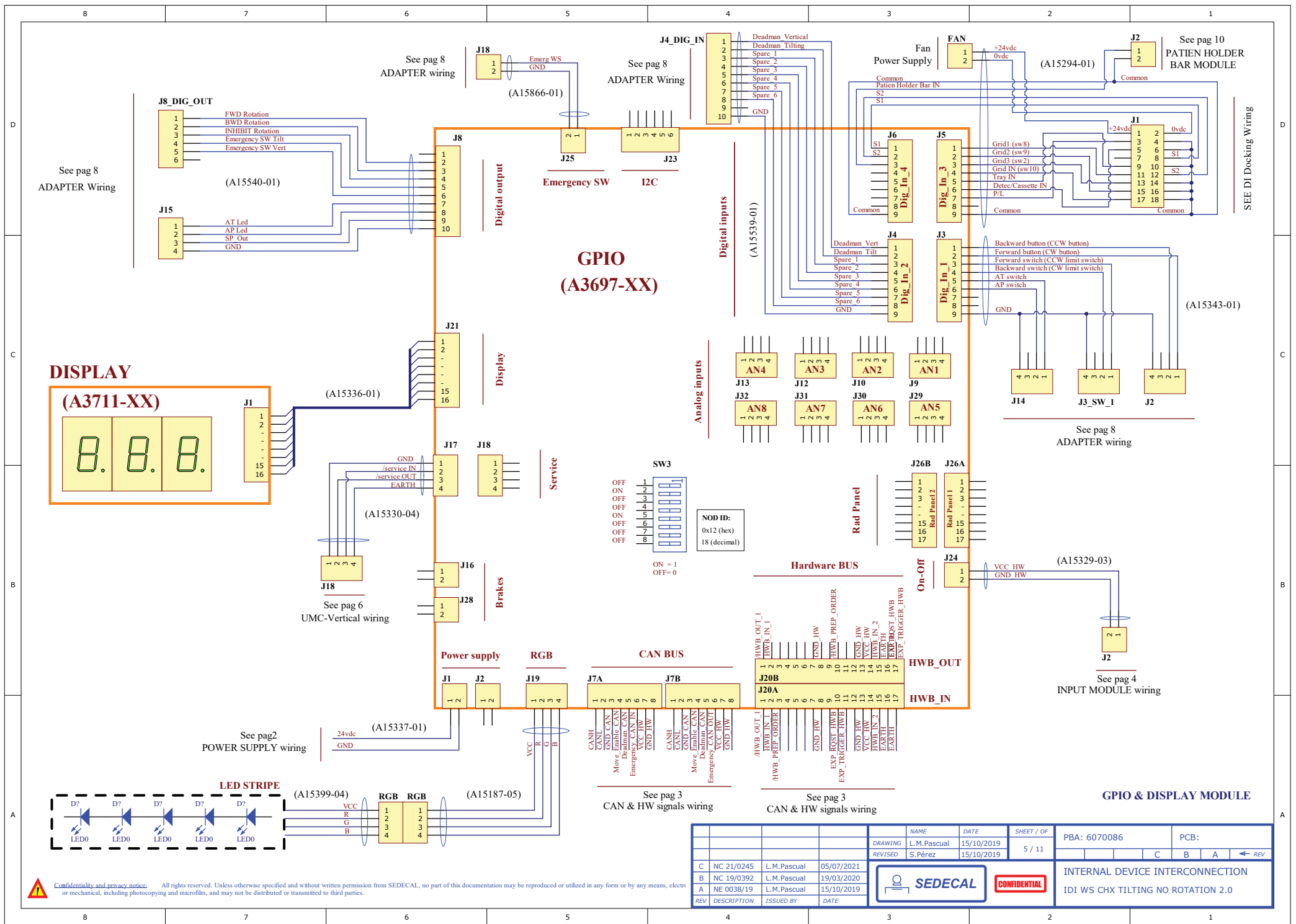
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		REVISED		S.Pérez		15/10/2019					
C	NC 21/0245	L.M.Pascual	05/07/2021								
B	NC 19/0392	L.M.Pascual	19/03/2020								
A	NE 0038/19	L.M.Pascual	15/10/2019								
REV	DESCRIPTION	ISSUED BY	DATE								

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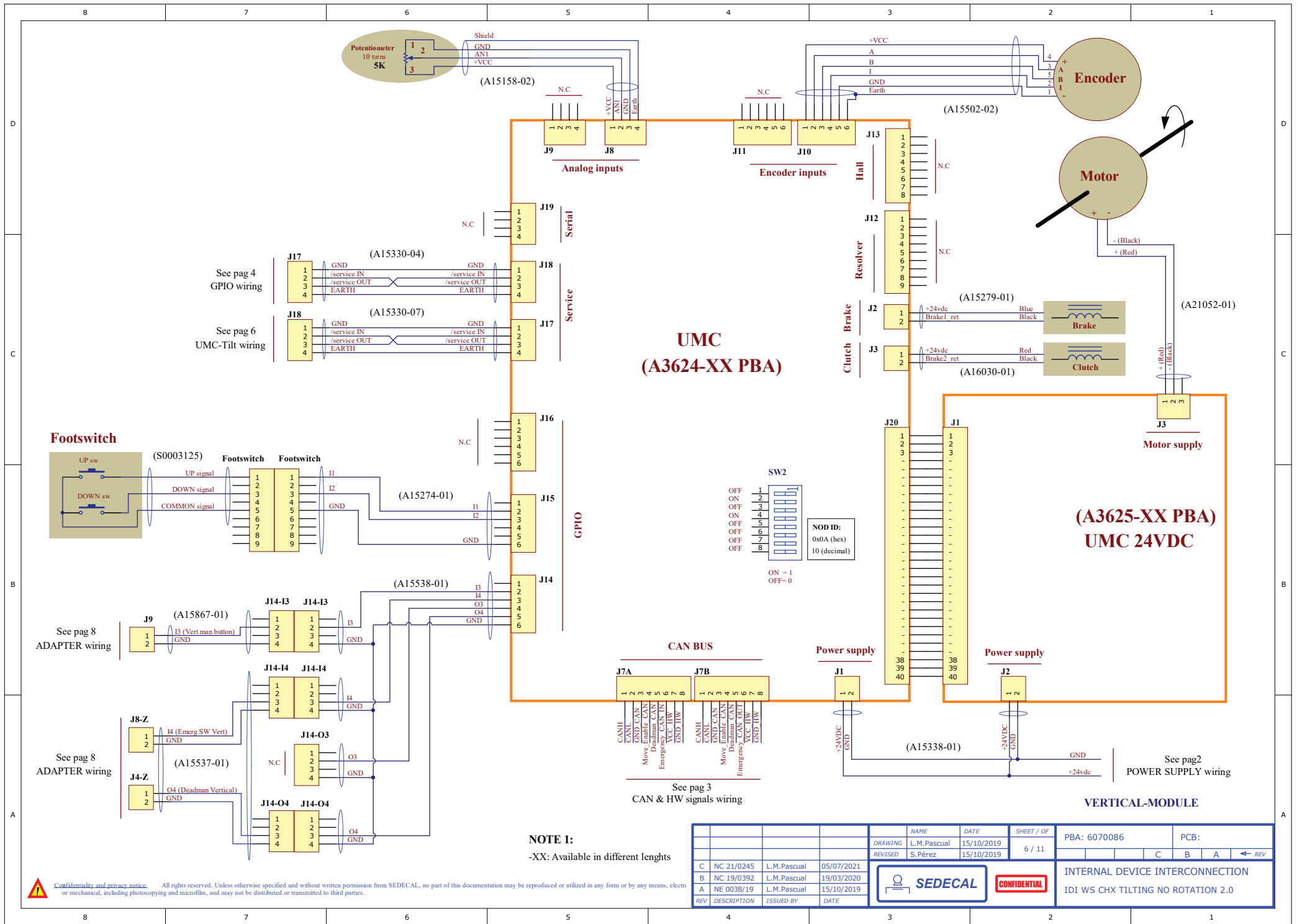


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B	NC 19/0392	L.M.Pascual	19/03/2020		S.Pérez	15/10/2019			
A	NE 0038/19	L.M.Pascual	15/10/2019						

INTERNAL DEVICE INTERCONNECTION	IDI WS CHX TILTING NO ROTATION 2.0
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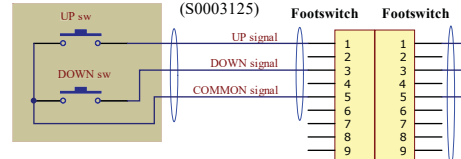




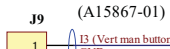
See pag 4
GPIO wiring

See pag 6
UMC-Tilt wiring

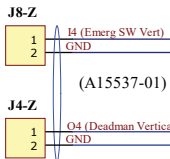
Footswitch



See pag 8
ADAPTER wiring



See pag 8
ADAPTER wiring



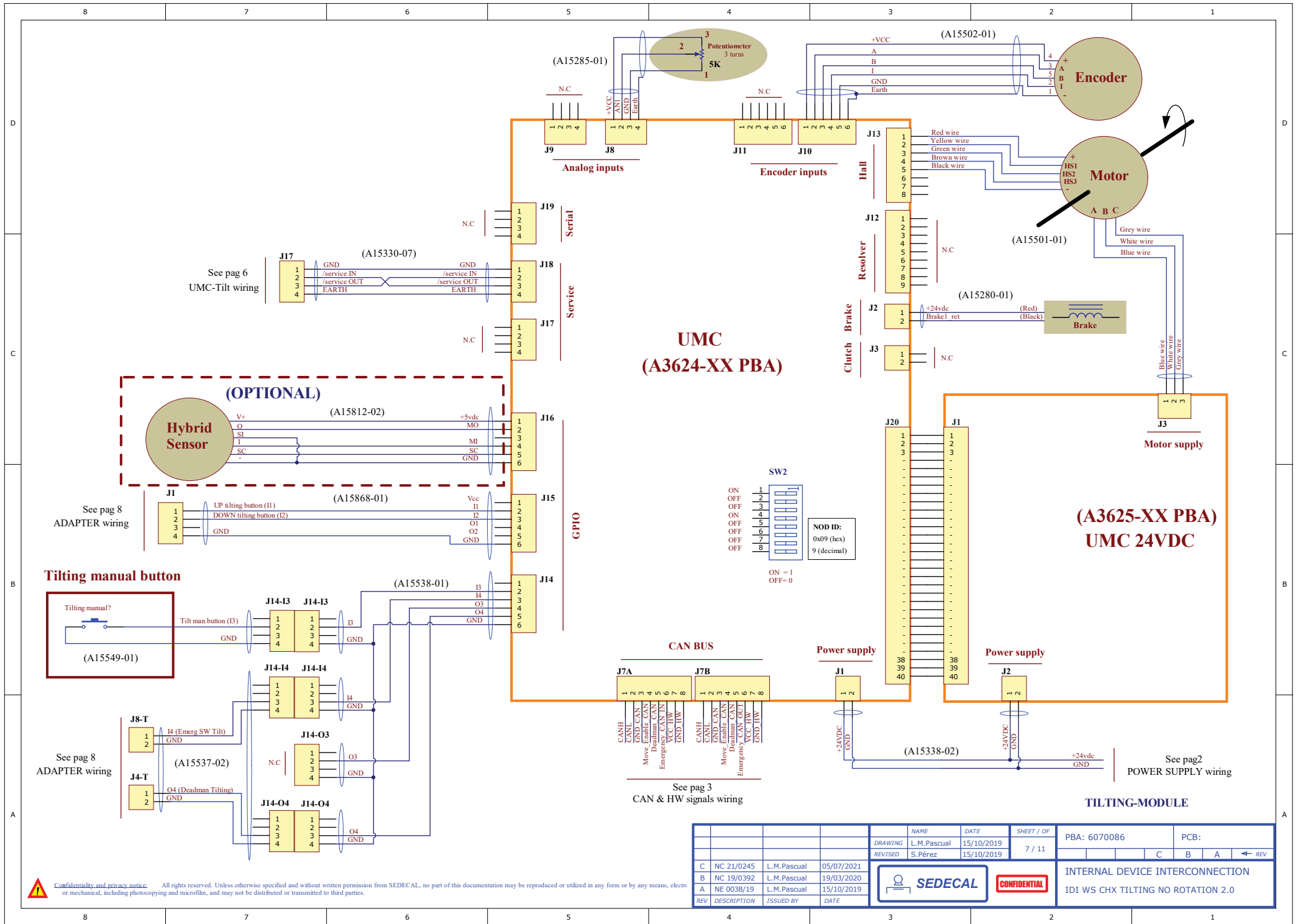
See pag 3
CAN & HW signals wiring

See pag2
POWER SUPPLY wiring

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REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6070086	PCB:
C	NC 21/0245	L.M.Pascual	05/07/2021		L.M.Pascual	15/10/2019	6 / 11		
B	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	15/10/2019			
A	NE 0038/19	L.M.Pascual	15/10/2019						

INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING NO ROTATION 2.0



**UMC
(A3624-XX PBA)**

**(A3625-XX PBA)
UMC 24VDC**

TILTING-MODULE

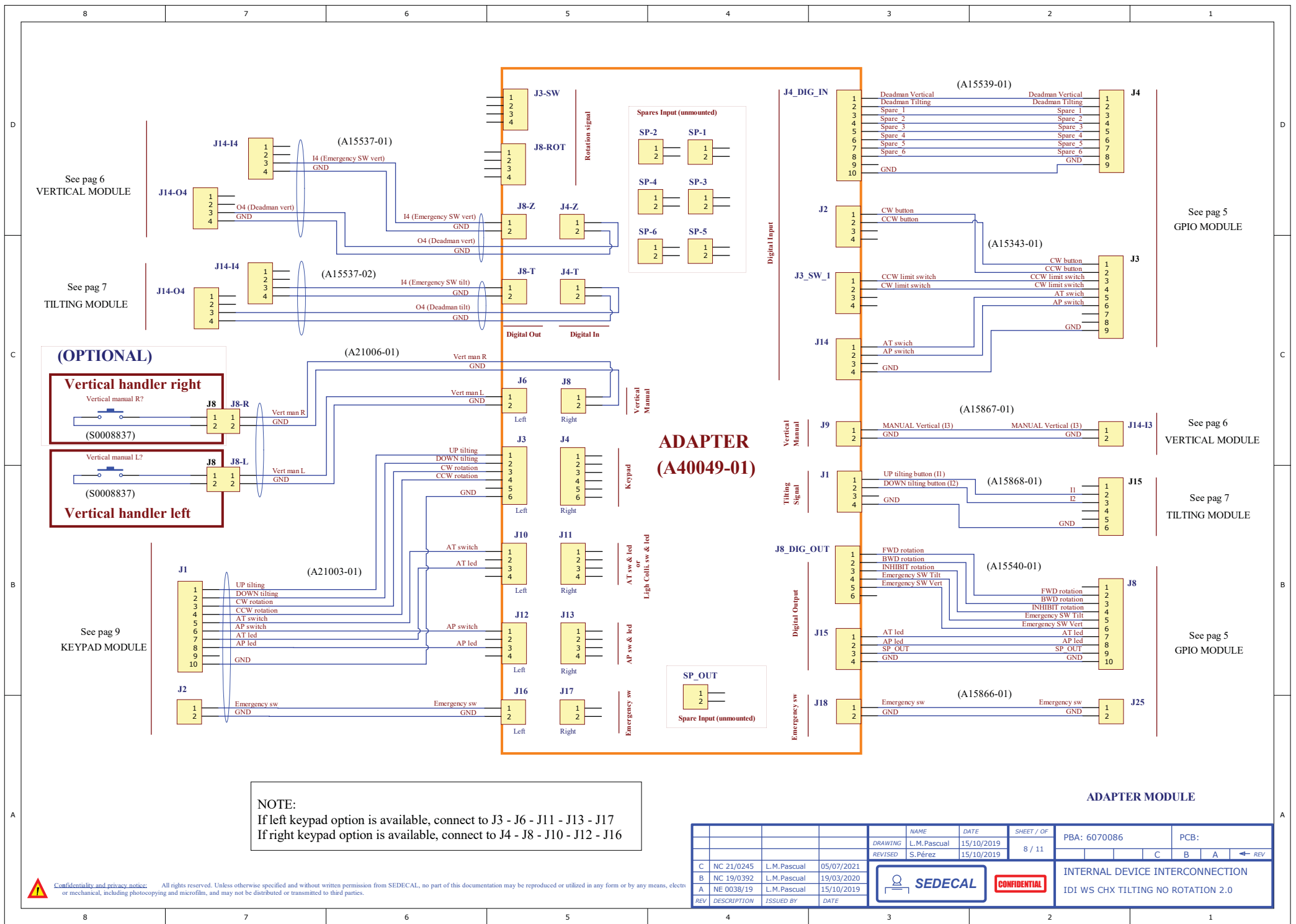
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B	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	15/10/2019			
A	NE 0038/19	L.M.Pascual	15/10/2019						

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IDI WS CHX TILTING NO ROTATION 2.0



ADAPTER (A40049-01)

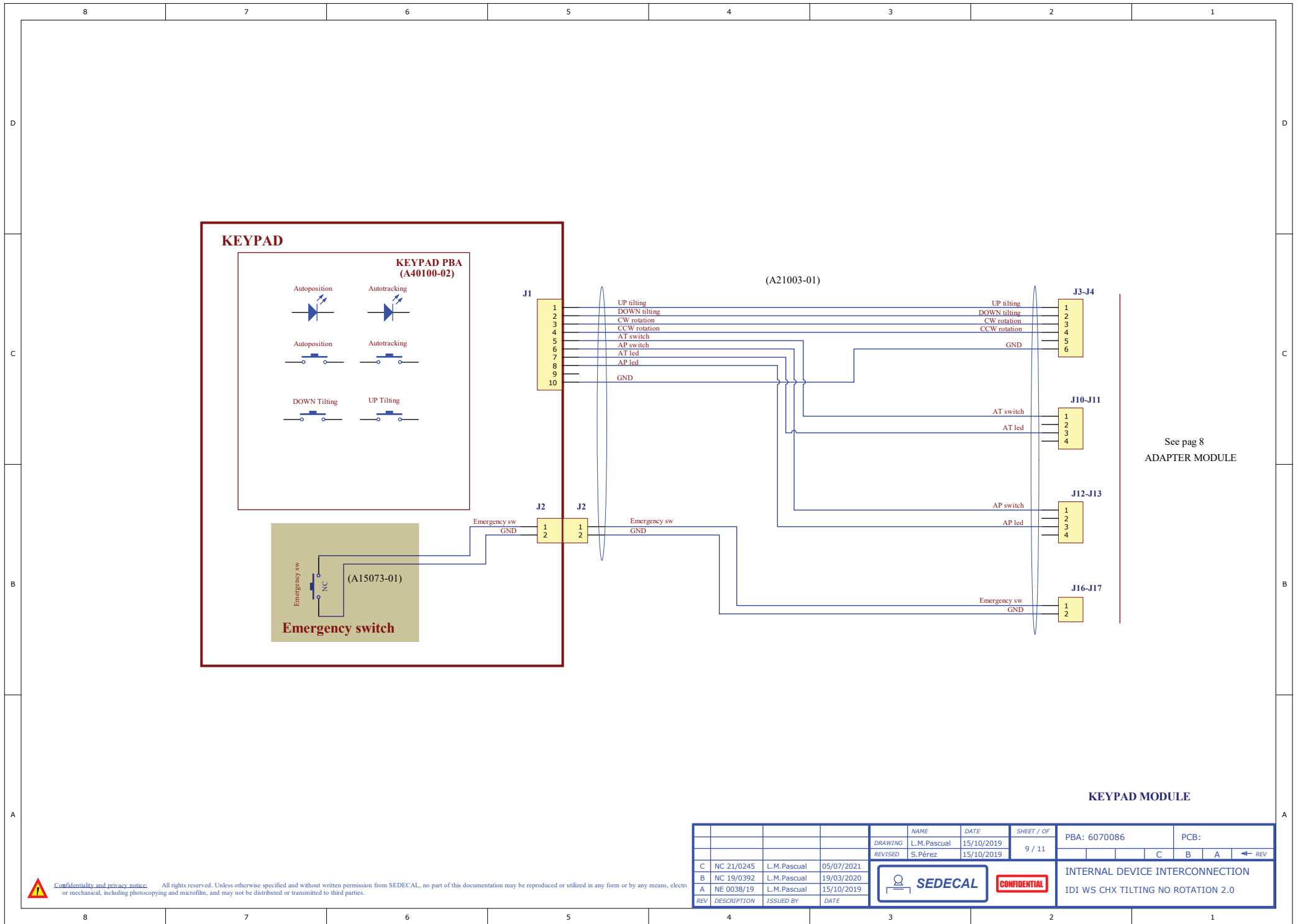
NOTE:
 If left keypad option is available, connect to J3 - J6 - J11 - J13 - J17
 If right keypad option is available, connect to J4 - J8 - J10 - J12 - J16

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6070086	PCB:
					L.M.Pascual	15/10/2019	8 / 11		
				REVISED	S.Pérez	15/10/2019			
C	NC 21/0245	L.M.Pascual	05/07/2021						
B	NC 19/0392	L.M.Pascual	19/03/2020						
A	NE 0038/19	L.M.Pascual	15/10/2019						



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INTERNAL DEVICE INTERCONNECTION
 IDI WS CHX TILTING NO ROTATION 2.0



See pag 8
ADAPTER MODULE

KEYPAD MODULE

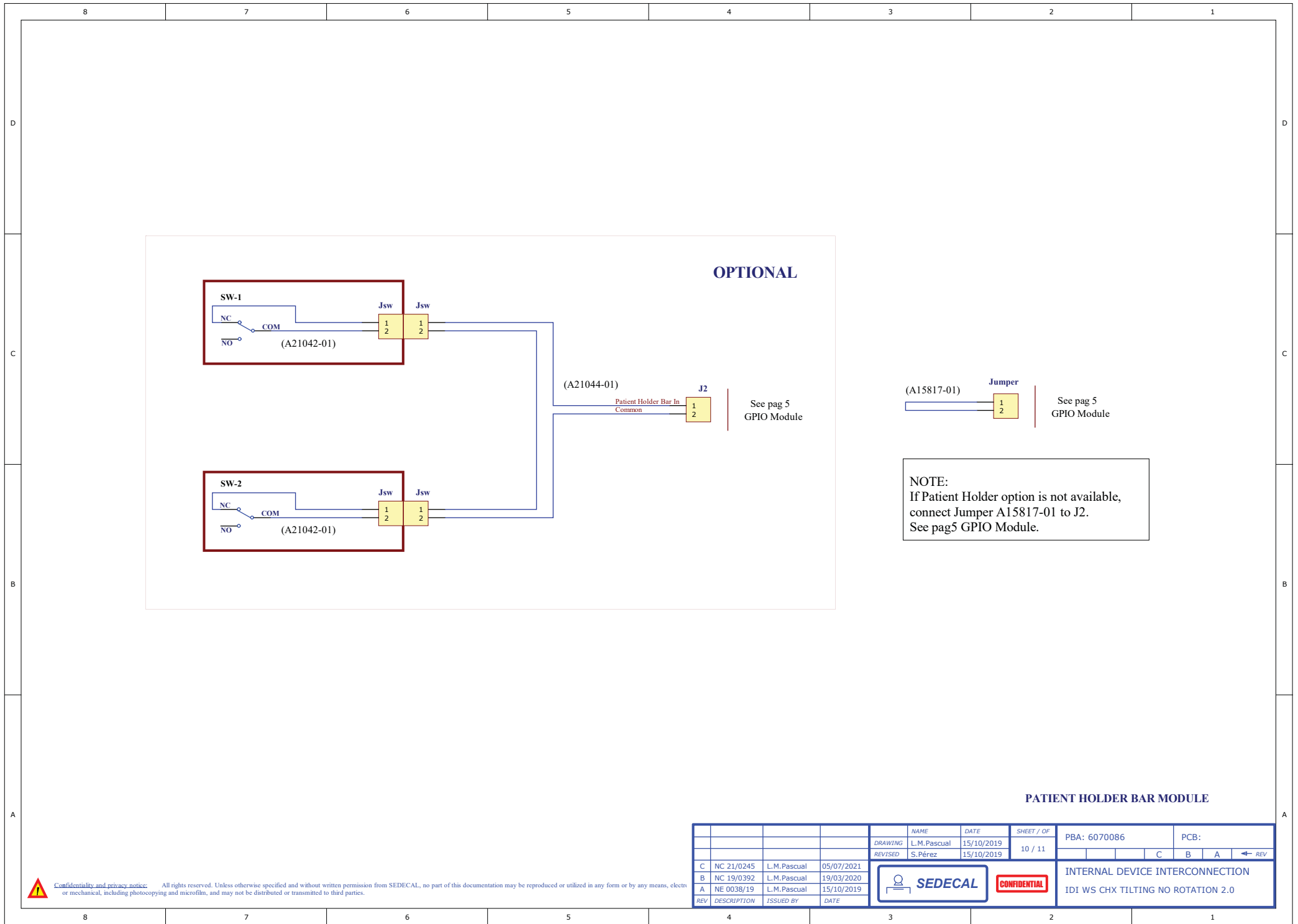
				NAME	DATE	SHEET / OF	PBA: 6070086	PCB:		
				DRAWING	L.M.Pascual	15/10/2019	9 / 11			
				REVISED	S.Pérez	15/10/2019			C	B
C	NC 21/0245	L.M.Pascual	05/07/2021							
B	NC 19/0392	L.M.Pascual	19/03/2020							
A	NE 0038/19	L.M.Pascual	15/10/2019							
REV	DESCRIPTION	ISSUED BY	DATE							



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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING NO ROTATION 2.0

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NOTE:
 If Patient Holder option is not available,
 connect Jumper A15817-01 to J2.
 See pag5 GPIO Module.

PATIENT HOLDER BAR MODULE

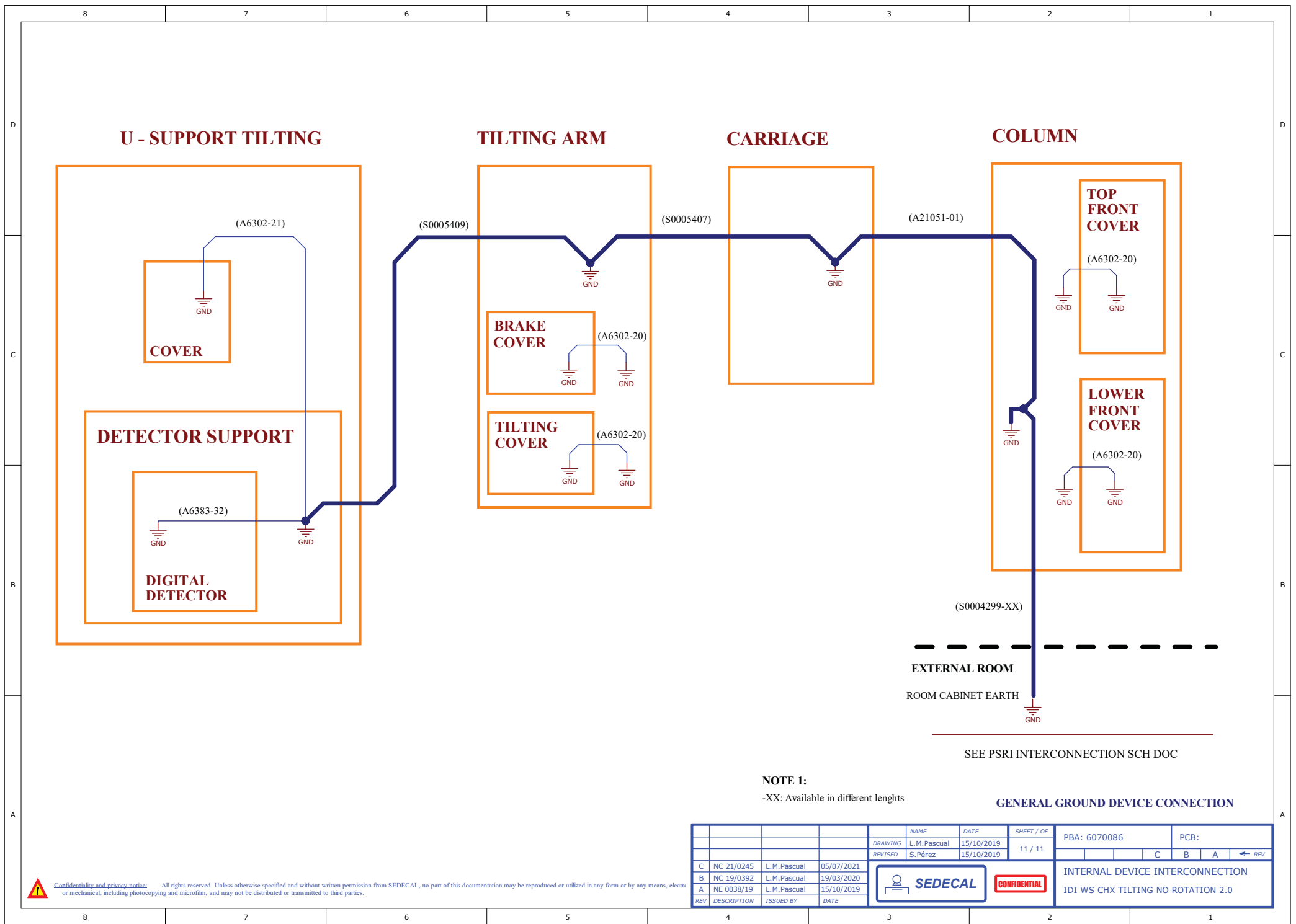
				NAME	DATE	SHEET / OF	PBA: 6070086	PCB:
				DRAWING	L.M.Pascual	15/10/2019	10 / 11	
				REVISED	S.Pérez	15/10/2019		C B A ← REV
C	NC 21/0245	L.M.Pascual	05/07/2021					
B	NC 19/0392	L.M.Pascual	19/03/2020					
A	NE 0038/19	L.M.Pascual	15/10/2019					
REV	DESCRIPTION	ISSUED BY	DATE					



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INTERNAL DEVICE INTERCONNECTION
 IDI WS CHX TILTING NO ROTATION 2.0

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NOTE 1:

-XX: Available in different lengths

GENERAL GROUND DEVICE CONNECTION

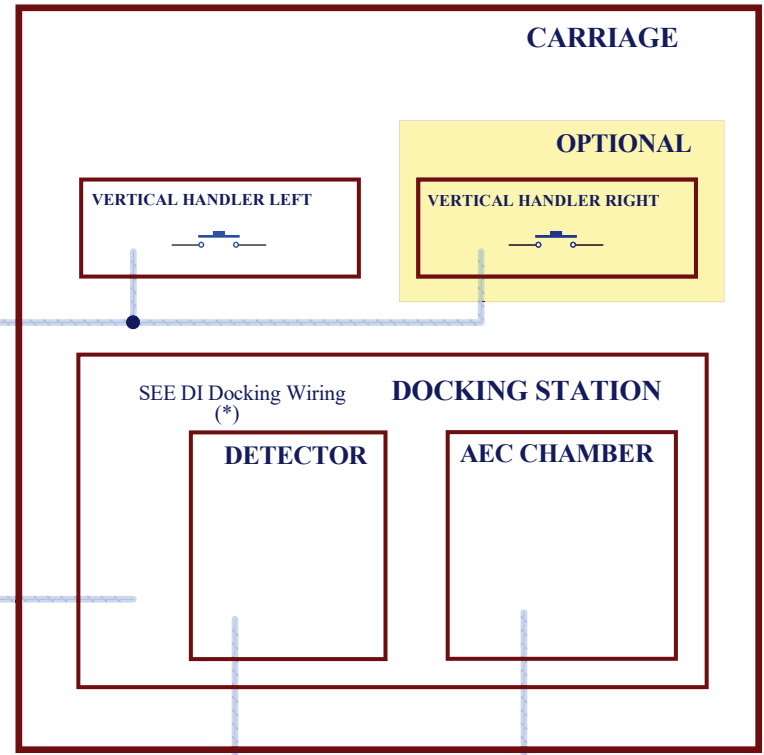
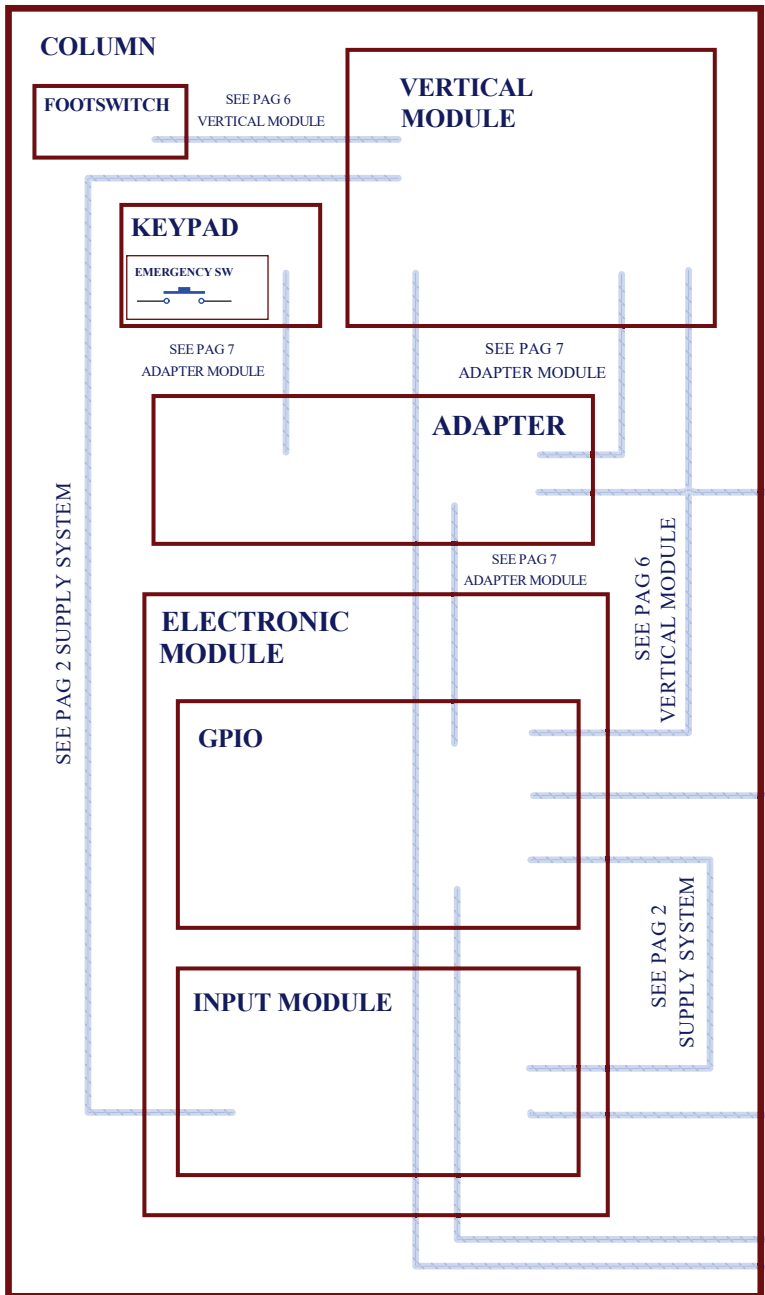
				NAME	DATE	SHEET / OF		PBA: 6070086		PCB:	
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				REVISED	S.Pérez	15/10/2019					
C	NC 21/0245	L.M.Pascual	05/07/2021								
B	NC 19/0392	L.M.Pascual	19/03/2020								
A	NE 0038/19	L.M.Pascual	15/10/2019								
REV	DESCRIPTION	ISSUED BY	DATE								



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INTERNAL DEVICE INTERCONNECTION
IDI WS CHX TILTING NO ROTATION 2.0

← REV



SEE PAG 7 ADAPTER MODULE

SEE PAG 5 GPIO MODULE

SEE PSRI INTERCONNECTION SCH DOC (*)

SEE GRI INTERCONNECTION SCH DOC (*)

SEE GRI INTERCONNECTION SCH DOC (*)

NOTE:

(*) For further details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).

-XX: Available in different lengths

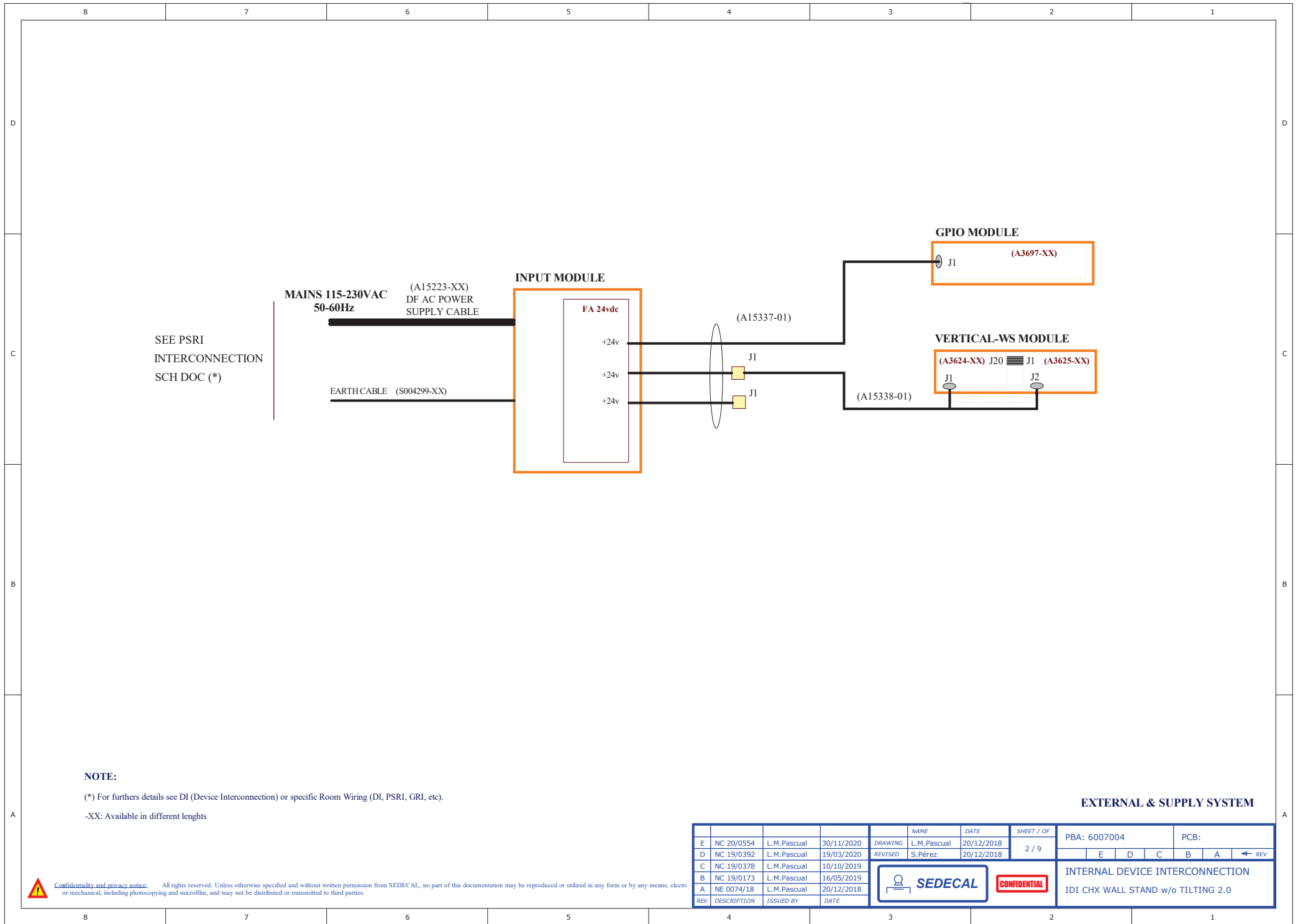
BLOCK DIAGRAM

					NAME	DATE	SHEET / OF	PBA: 6007004	PCB:
E	NC 20/0554	L.M.Pascual	30/11/2020	DRAWING	L.M.Pascual	20/12/2018	1 / 9		
D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018			
C	NC 19/0378	L.M.Pascual	10/10/2019						
B	NC19/0173	L.M.Pascual	16/05/2019						
A	NE 0074/18	L.M.Pascual	20/12/2018						
REV	DESCRIPTION	ISSUED BY	DATE						



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INTERNAL DEVICE INTERCONNECTION
IDI CHX WALL STAND w/o TILTING 2.0

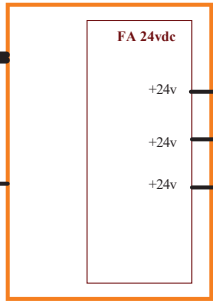


SEE PSRI
INTERCONNECTION
SCH DOC (*)

**MAINS 115-230VAC
50-60Hz** (A15223-XX)
DF AC POWER
SUPPLY CABLE

EARTH CABLE (S004299-XX)

INPUT MODULE

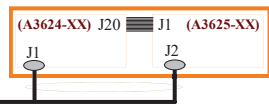


(A15337-01)

GPIO MODULE



VERTICAL-WS MODULE



(A15338-01)

NOTE:

(*) For furthers details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).

-XX: Available in different lengths

EXTERNAL & SUPPLY SYSTEM

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6007004		PCB:	
E	NC 20/0554	L.M.Pascual	30/11/2020	DRAWING	L.M.Pascual	20/12/2018	2 / 9			
D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018				
C	NC 19/0378	L.M.Pascual	10/10/2019							
B	NC 19/0173	L.M.Pascual	16/05/2019							
A	NE 0074/18	L.M.Pascual	20/12/2018							

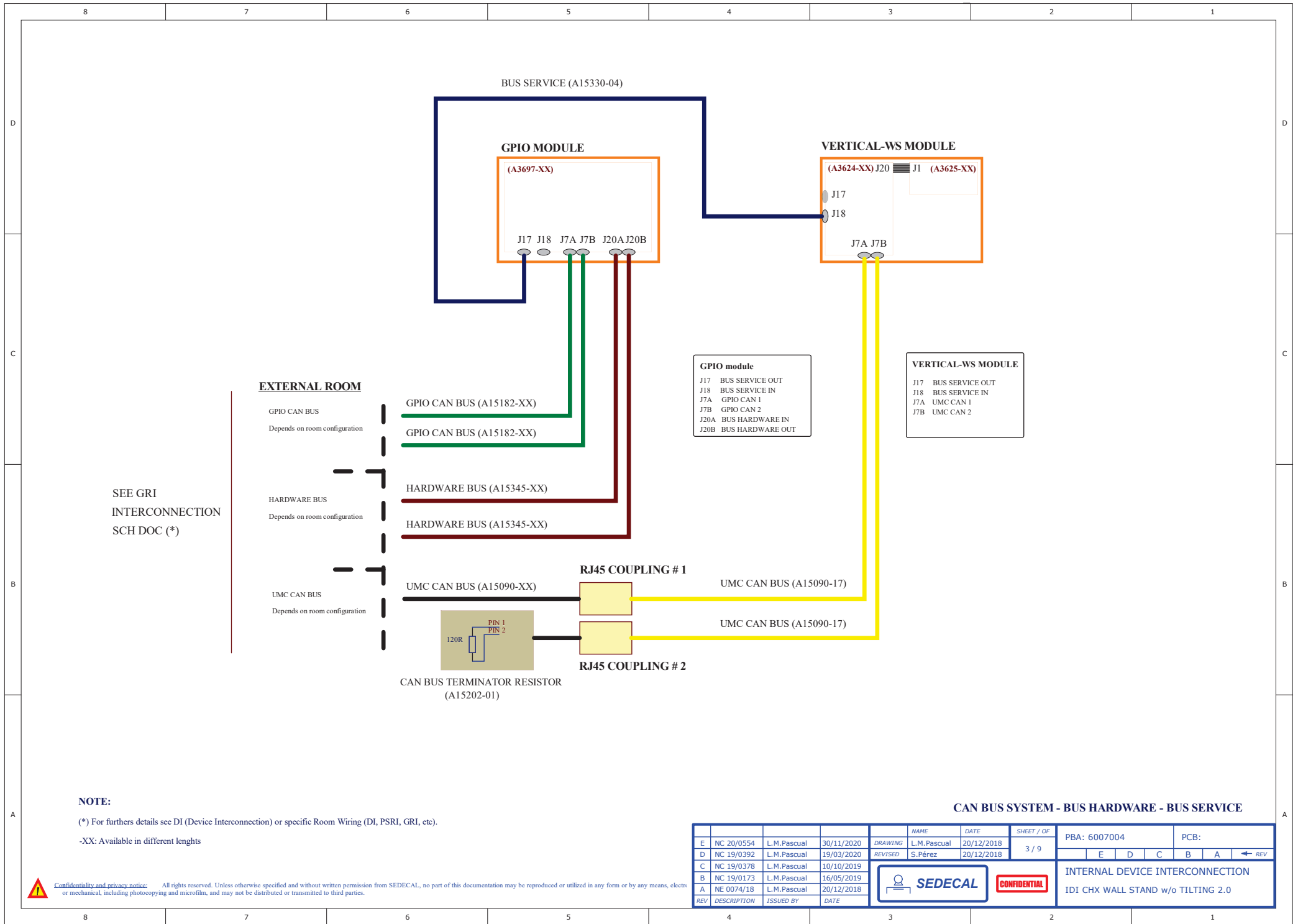


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INTERNAL DEVICE INTERCONNECTION
IDI CHX WALL STAND w/o TILTING 2.0



SEE GRI
INTERCONNECTION
SCH DOC (*)

EXTERNAL ROOM

- GPIO CAN BUS
Depends on room configuration
- HARDWARE BUS
Depends on room configuration
- UMC CAN BUS
Depends on room configuration

GPIO module

- J17 BUS SERVICE OUT
- J18 BUS SERVICE IN
- J7A GPIO CAN 1
- J7B GPIO CAN 2
- J20A BUS HARDWARE IN
- J20B BUS HARDWARE OUT

VERTICAL-WS MODULE

- J17 BUS SERVICE OUT
- J18 BUS SERVICE IN
- J7A UMC CAN 1
- J7B UMC CAN 2

NOTE:

(*) For further details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).
-XX: Available in different lengths

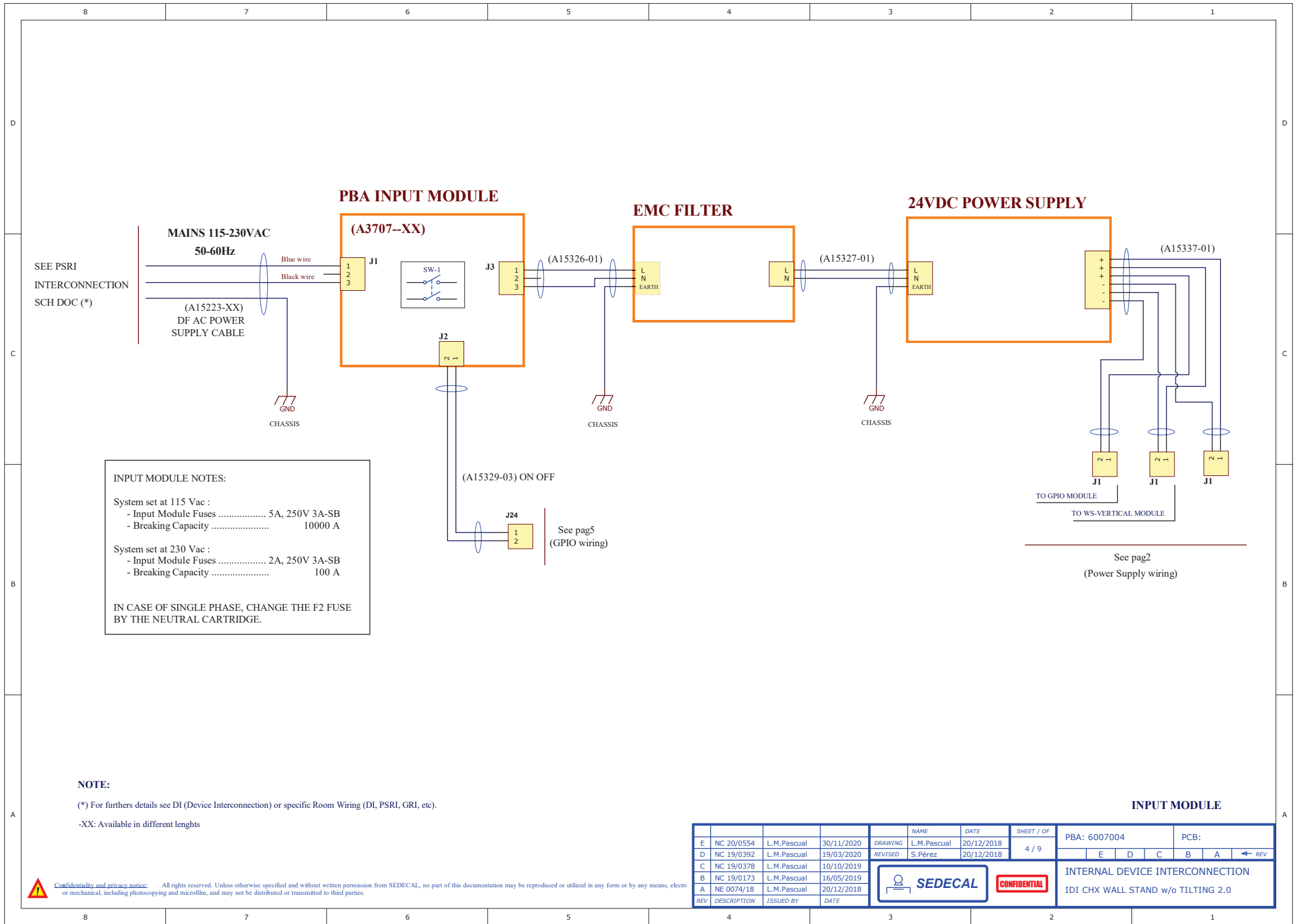
CAN BUS SYSTEM - BUS HARDWARE - BUS SERVICE

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6007004	PCB:
E	NC 20/0554	L.M.Pascual	30/11/2020	DRAWING	L.M.Pascual	20/12/2018	3 / 9	INTERNAL DEVICE INTERCONNECTION IDI CHX WALL STAND w/o TILTING 2.0
D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018		
C	NC 19/0378	L.M.Pascual	10/10/2019					
B	NC 19/0173	L.M.Pascual	16/05/2019					
A	NE 0074/18	L.M.Pascual	20/12/2018					



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PBA INPUT MODULE

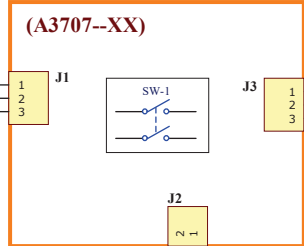
EMC FILTER

24VDC POWER SUPPLY

SEE PSRI
INTERCONNECTION
SCH DOC (*)

MAINS 115-230VAC
50-60Hz

(A15223-XX)
DF AC POWER
SUPPLY CABLE



INPUT MODULE NOTES:

System set at 115 Vac :
 - Input Module Fuses 5A, 250V 3A-SB
 - Breaking Capacity 10000 A

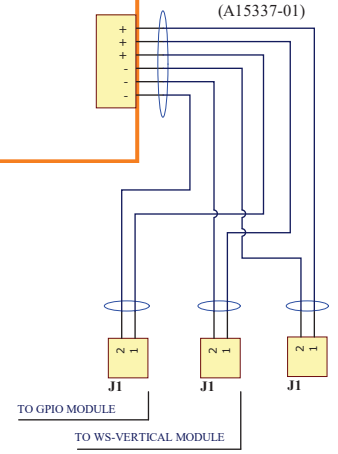
System set at 230 Vac :
 - Input Module Fuses 2A, 250V 3A-SB
 - Breaking Capacity 100 A

IN CASE OF SINGLE PHASE, CHANGE THE F2 FUSE
BY THE NEUTRAL CARTRIDGE.

(A15329-03) ON OFF

J24

See pag5
(GPIO wiring)



See pag2
(Power Supply wiring)

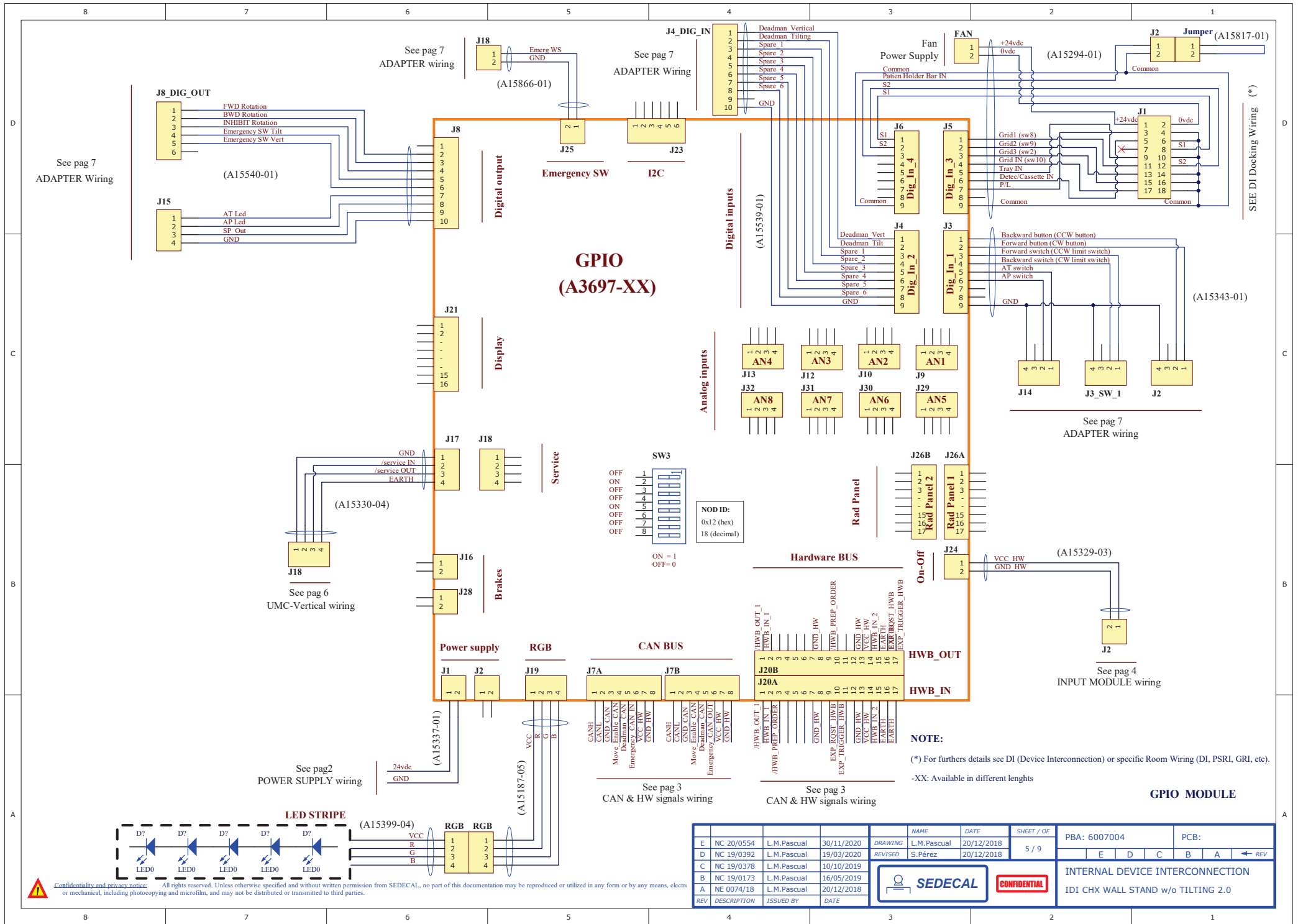
NOTE:

(*) For furthers details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).
 -XX: Available in different lengths

INPUT MODULE

DRAWING			NAME		DATE		SHEET / OF		PBA: 6007004		PCB:	
REVISED			L.M.Pascual		20/12/2018		4 / 9		E		D C B A ← REV	
REVISED			S.Pérez		20/12/2018							
REVISED			L.M.Pascual		10/10/2019							
REVISED			L.M.Pascual		16/05/2019							
REVISED			L.M.Pascual		20/12/2018							
REV	DESCRIPTION	ISSUED BY	DATE	SEDECAL		CONFIDENTIAL		INTERNAL DEVICE INTERCONNECTION		IDI CHX WALL STAND w/o TILTING 2.0		

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See pag 7
ADAPTER Wiring

See pag 7
ADAPTER wiring

See pag 7
ADAPTER Wiring

Power Fan

FAN

J2 Jumper (A15817-01)

J8 DIG_OUT
1 FWD Rotation
2 BWD Rotation
3 INHIBIT Rotation
4 Emergency SW Tilt
5 Emergency SW Vert
6

J15
1 AT Led
2 AP Led
3 SP Out
4 GND

Digital output

Emergency SW J25

I2C J23

Digital inputs

J6 Dig_In_4
1 S1
2 S2
3
4
5
6
7
8
9
Common

J5 Dig_In_3
1 Grid1 (sw8)
2 Grid2 (sw9)
3 Grid3 (sw2)
4 Grid4 (sw10)
5 Tray IN
6 Detec/Cassette IN
7 P/L
8
9 Common

J4 Dig_In_2
1 Deadman Vert
2 Deadman Tilt
3 Spare 1
4 Spare 2
5 Spare 3
6 Spare 4
7 Spare 5
8 Spare 6
9 GND

J3 Dig_In_1
1 Backward button (CW button)
2 Forward button (CW button)
3 Forward switch (CCW limit switch)
4 Backward switch (CW limit switch)
5 AT switch
6 AP switch
7
8
9 GND

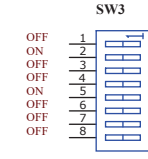
(A15343-01)

SEE DI Docking Wiring (*)

See pag 7
ADAPTER wiring

See pag 6
UMC-Vertical wiring

See pag 2
POWER SUPPLY wiring



NOD ID:
0x12 (hex)
18 (decimal)

Rad Panel

J26B Rad Panel 2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

J26A Rad Panel 1
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

See pag 4
INPUT MODULE wiring

Power supply

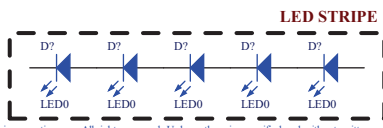
RGB

CAN BUS

Hardware BUS

HWB_OUT

HWB_IN



RGB RGB
1 VCC
2 R
3 G
4 B

See pag 3
CAN & HW signals wiring

See pag 3
CAN & HW signals wiring

NOTE:

(*) For further details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).

-XX: Available in different lengths

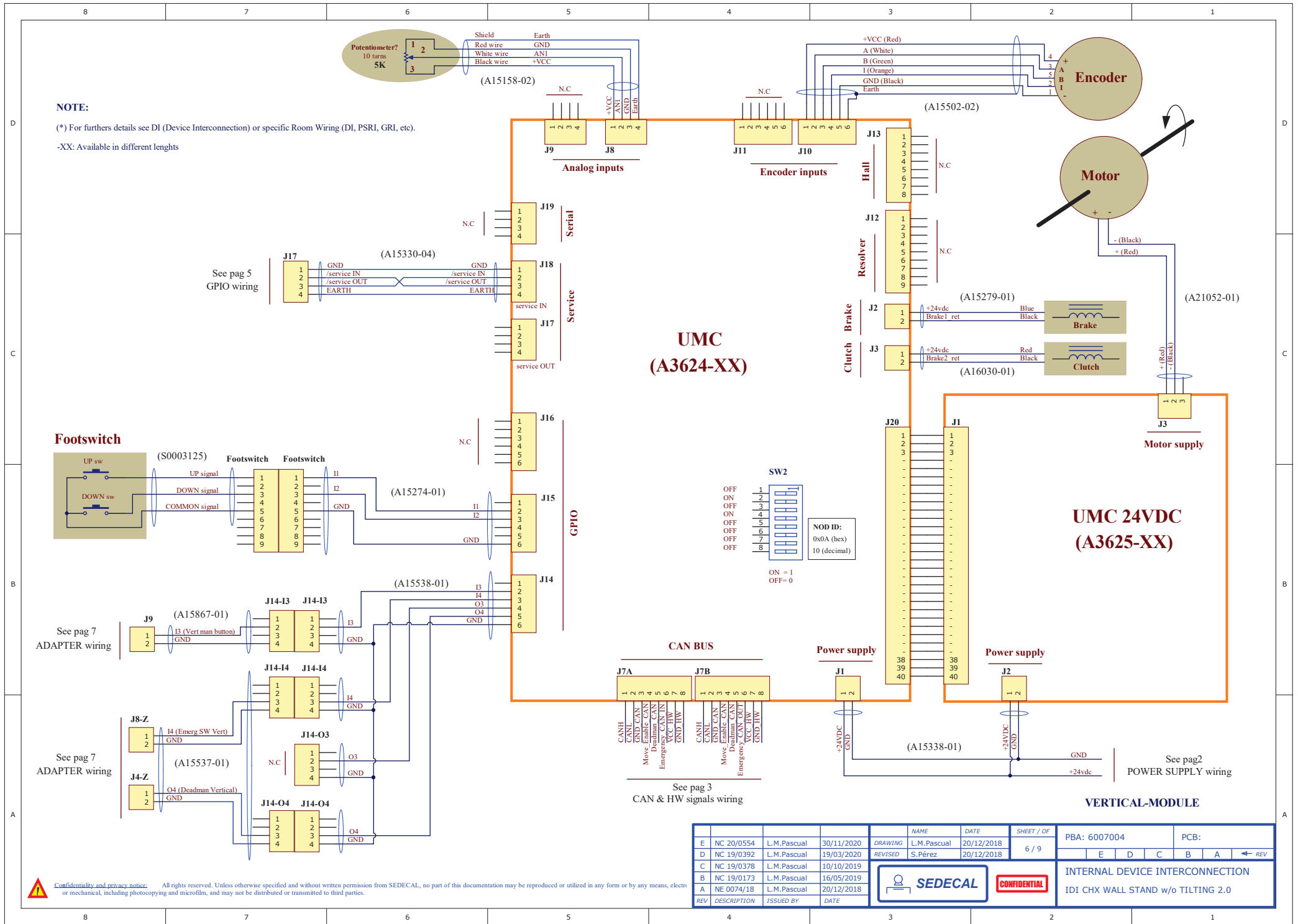
GPIO MODULE

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REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007004	PCB:
D	NC 20/0554	L.M.Pascual	30/11/2020	REVISED	L.M.Pascual	20/12/2018	5 / 9		
E	NC 19/0392	L.M.Pascual	19/03/2020		S.Pérez	20/12/2018			
C	NC 19/0378	L.M.Pascual	10/10/2019						
B	NC 19/0173	L.M.Pascual	16/05/2019						
A	NE 0074/18	L.M.Pascual	20/12/2018						



INTERNAL DEVICE INTERCONNECTION
IDI CHX WALL STAND w/o TILTING 2.0

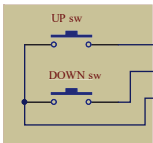


NOTE:

(*) For further details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).
 -XX: Available in different lengths

See pag 5
GPIO wiring

Footswitch



See pag 7
ADAPTER wiring

See pag 7
ADAPTER wiring

**UMC
(A3624-XX)**

**UMC 24VDC
(A3625-XX)**

See pag2
POWER SUPPLY wiring

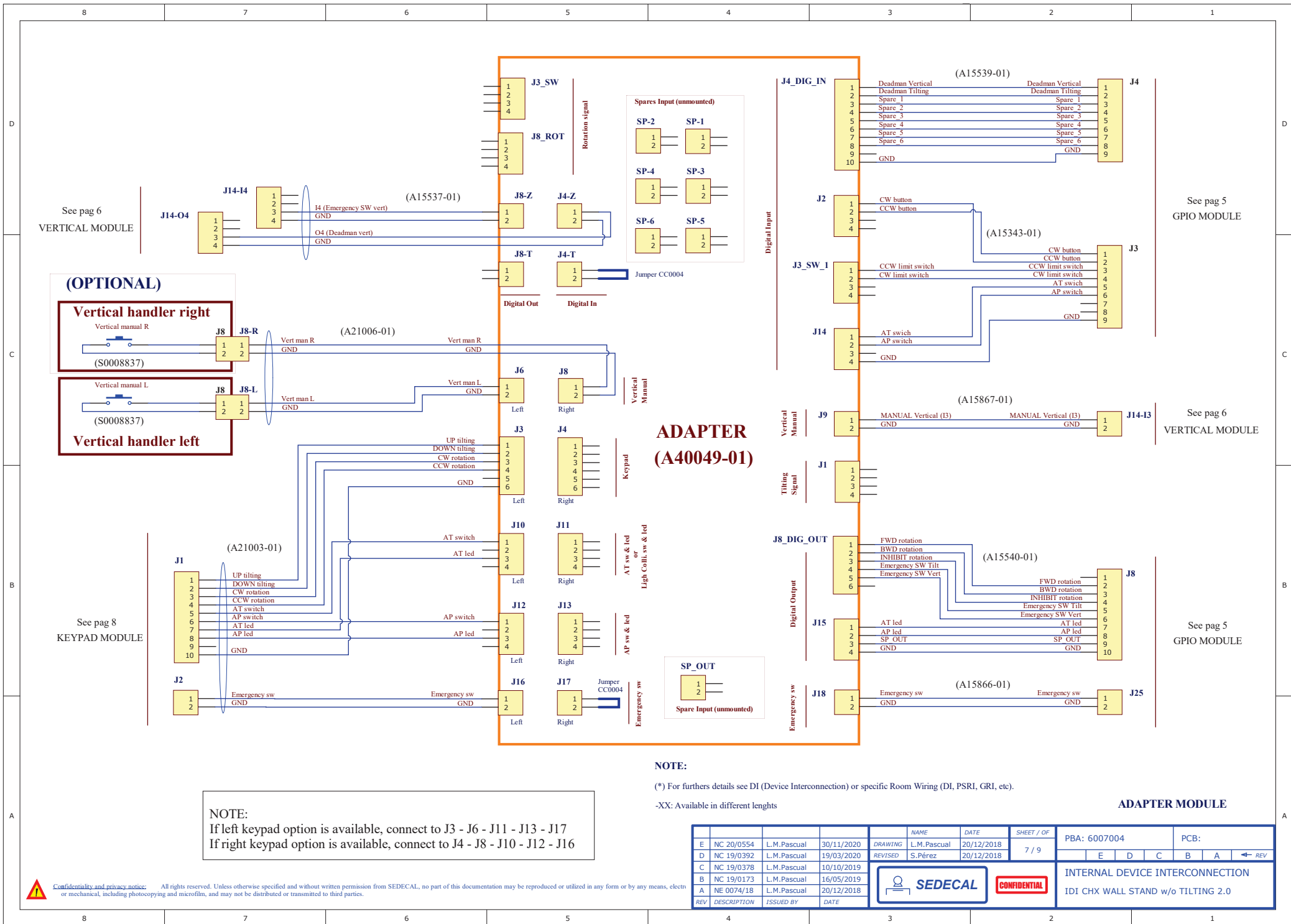
VERTICAL-MODULE

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007004	PCB:
E	NC 20/0554	L.M.Pascual	30/11/2020	DRAWING	L.M.Pascual	20/12/2018	6 / 9		
D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018			
C	NC 19/0378	L.M.Pascual	10/10/2019						
B	NC 19/0173	L.M.Pascual	16/05/2019						
A	NE 0074/18	L.M.Pascual	20/12/2018						

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INTERNAL DEVICE INTERCONNECTION
 IDI CHX WALL STAND w/o TILTING 2.0



NOTE:
 If left keypad option is available, connect to J3 - J6 - J11 - J13 - J17
 If right keypad option is available, connect to J4 - J8 - J10 - J12 - J16

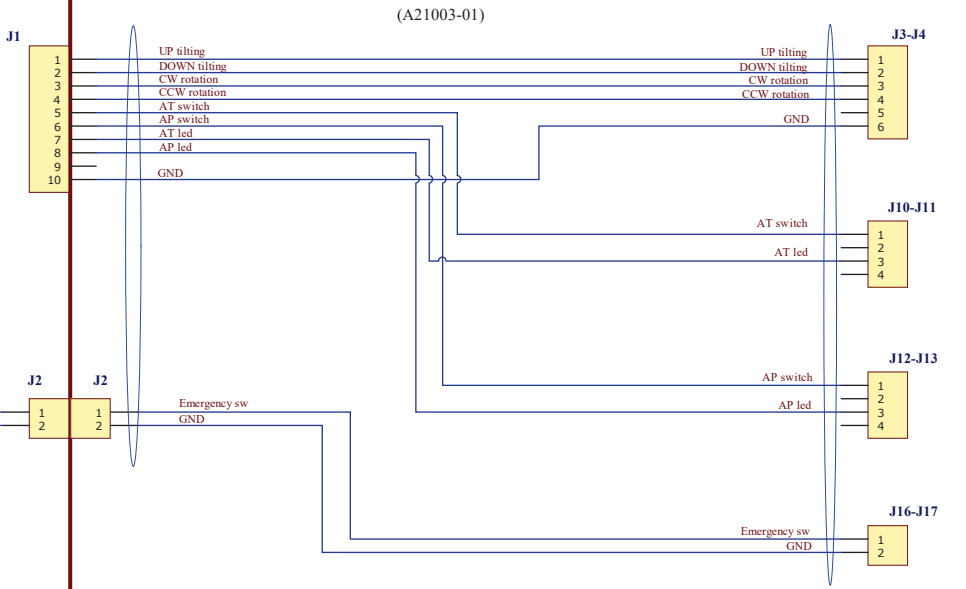
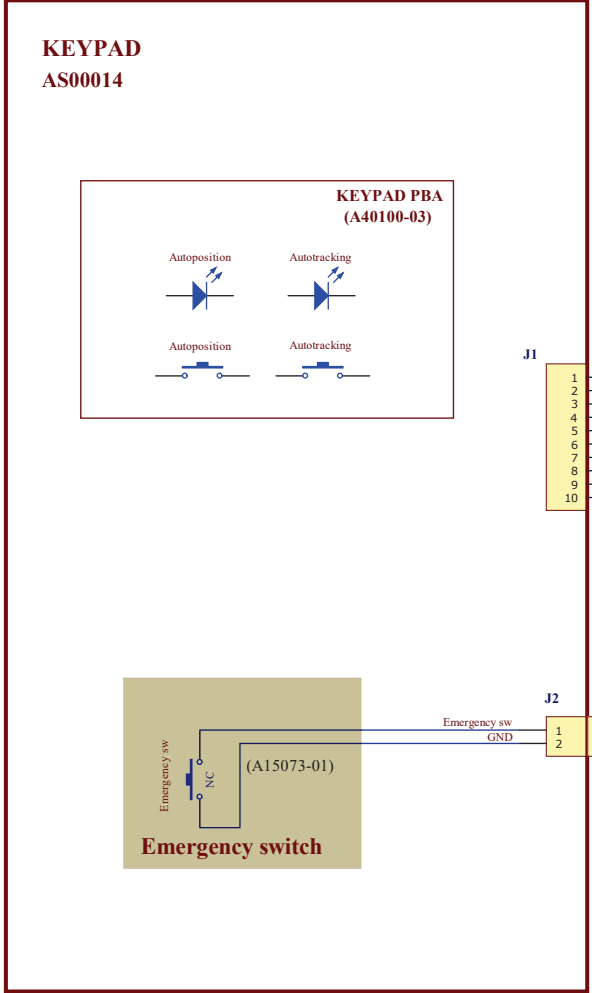
REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007004			PCB:		
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D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018							
C	NC 19/0378	L.M.Pascual	10/10/2019										
B	NC 19/0173	L.M.Pascual	16/05/2019										
A	NE 0074/18	L.M.Pascual	20/12/2018										



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ADAPTER MODULE

INTERNAL DEVICE INTERCONNECTION
 IDI CHX WALL STAND w/o TILTING 2.0



See pag 7
ADAPTER MODULE

NOTE:

(*) For furthers details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).

-XX: Available in different lengths

KEYPAD MODULE

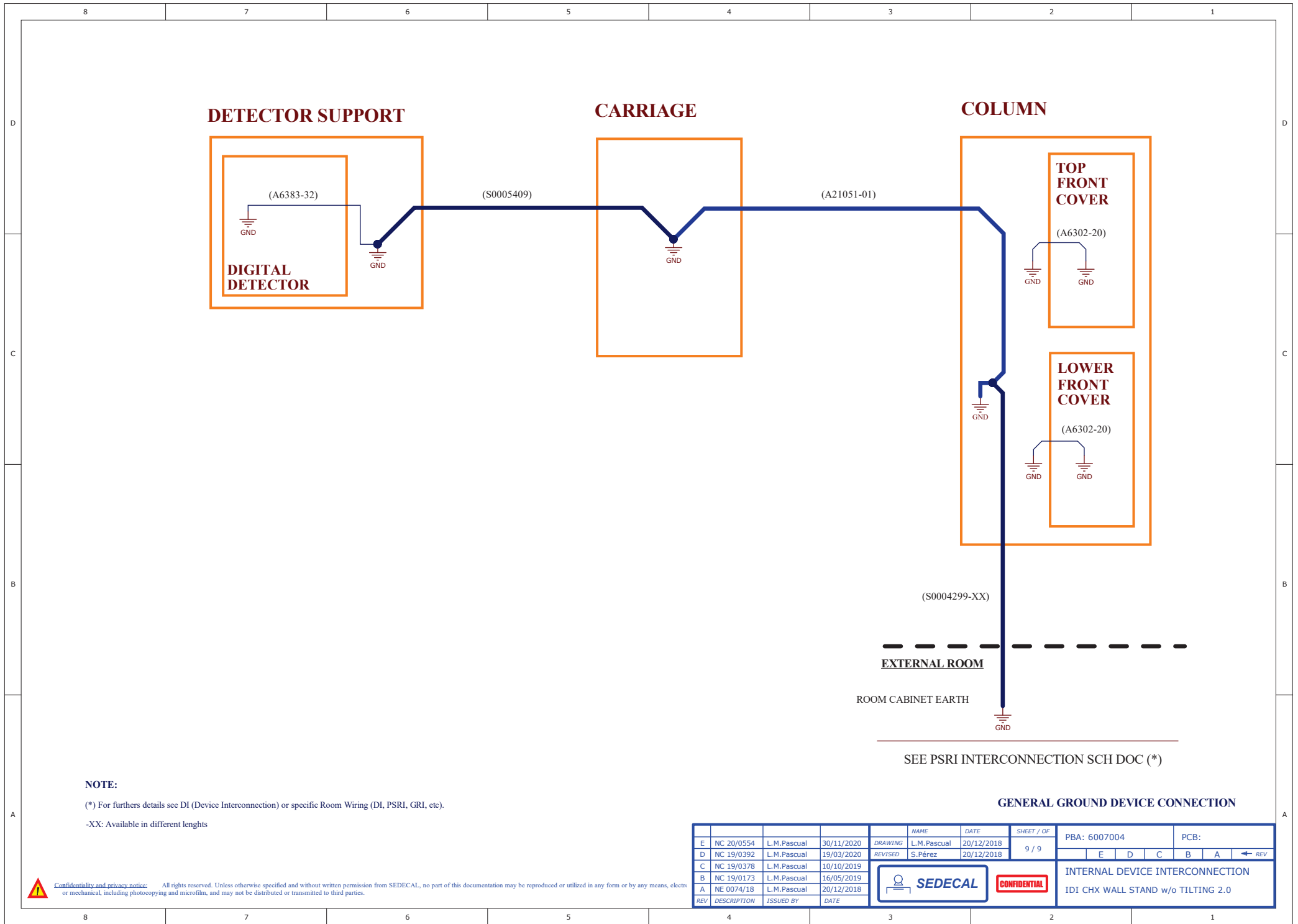
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D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018	E	D
C	NC 19/0378	L.M.Pascual	10/10/2019			8 / 9	C	B
B	NC 19/0173	L.M.Pascual	16/05/2019				A	← REV
A	NE 0074/18	L.M.Pascual	20/12/2018				INTERNAL DEVICE INTERCONNECTION	
							IDI CHX WALL STAND w/o TILTING 2.0	



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NOTE:

(*) For further details see DI (Device Interconnection) or specific Room Wiring (DI, PSRI, GRI, etc).

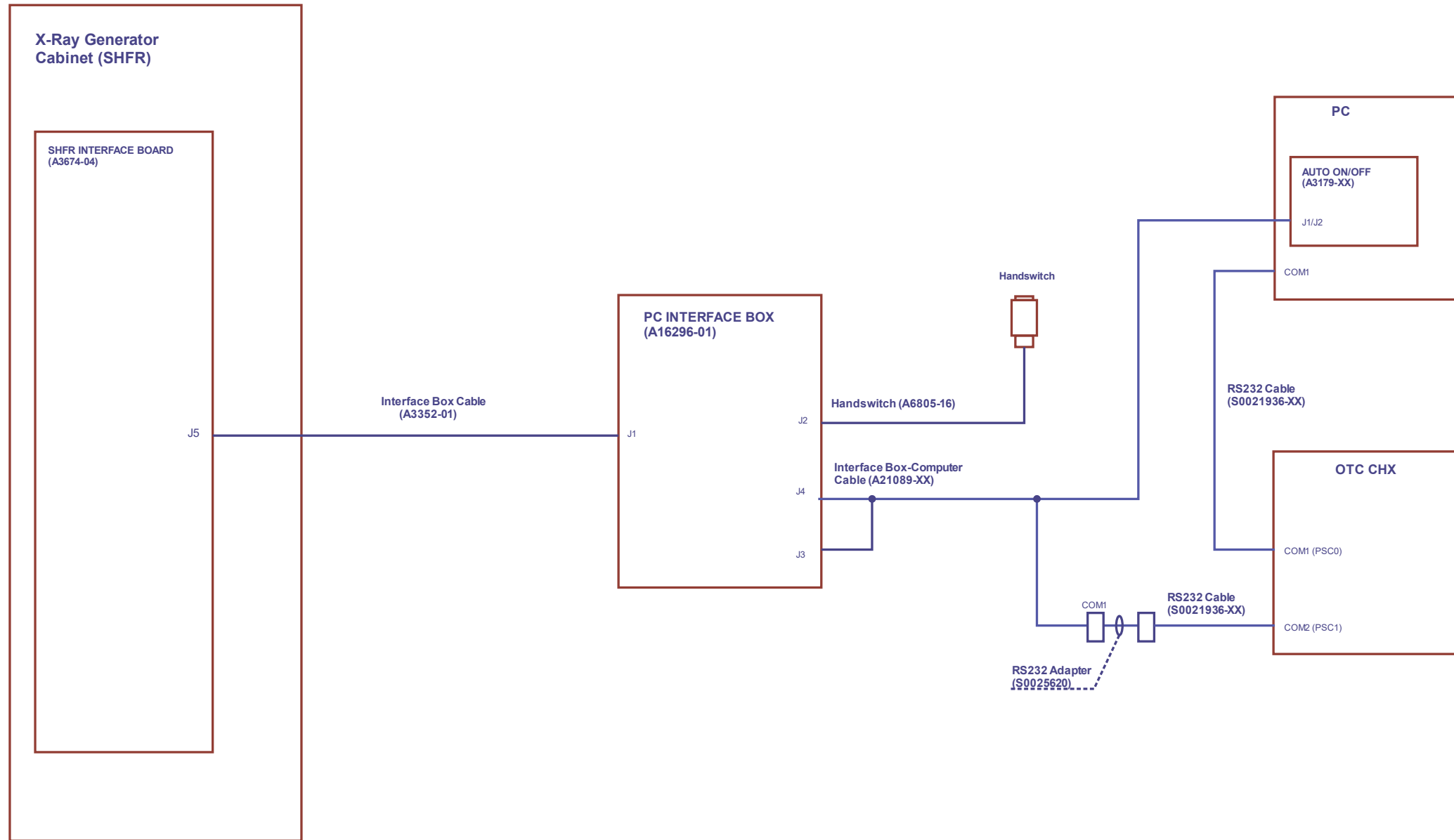
-XX: Available in different lengths

GENERAL GROUND DEVICE CONNECTION

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6007004				PCB:			
E	NC 20/0554	L.M.Pascual	30/11/2020	DRAWING	L.M.Pascual	20/12/2018	9 / 9								
D	NC 19/0392	L.M.Pascual	19/03/2020	REVISED	S.Pérez	20/12/2018									
C	NC 19/0378	L.M.Pascual	10/10/2019												
B	NC 19/0173	L.M.Pascual	16/05/2019												
A	NE 0074/18	L.M.Pascual	20/12/2018												

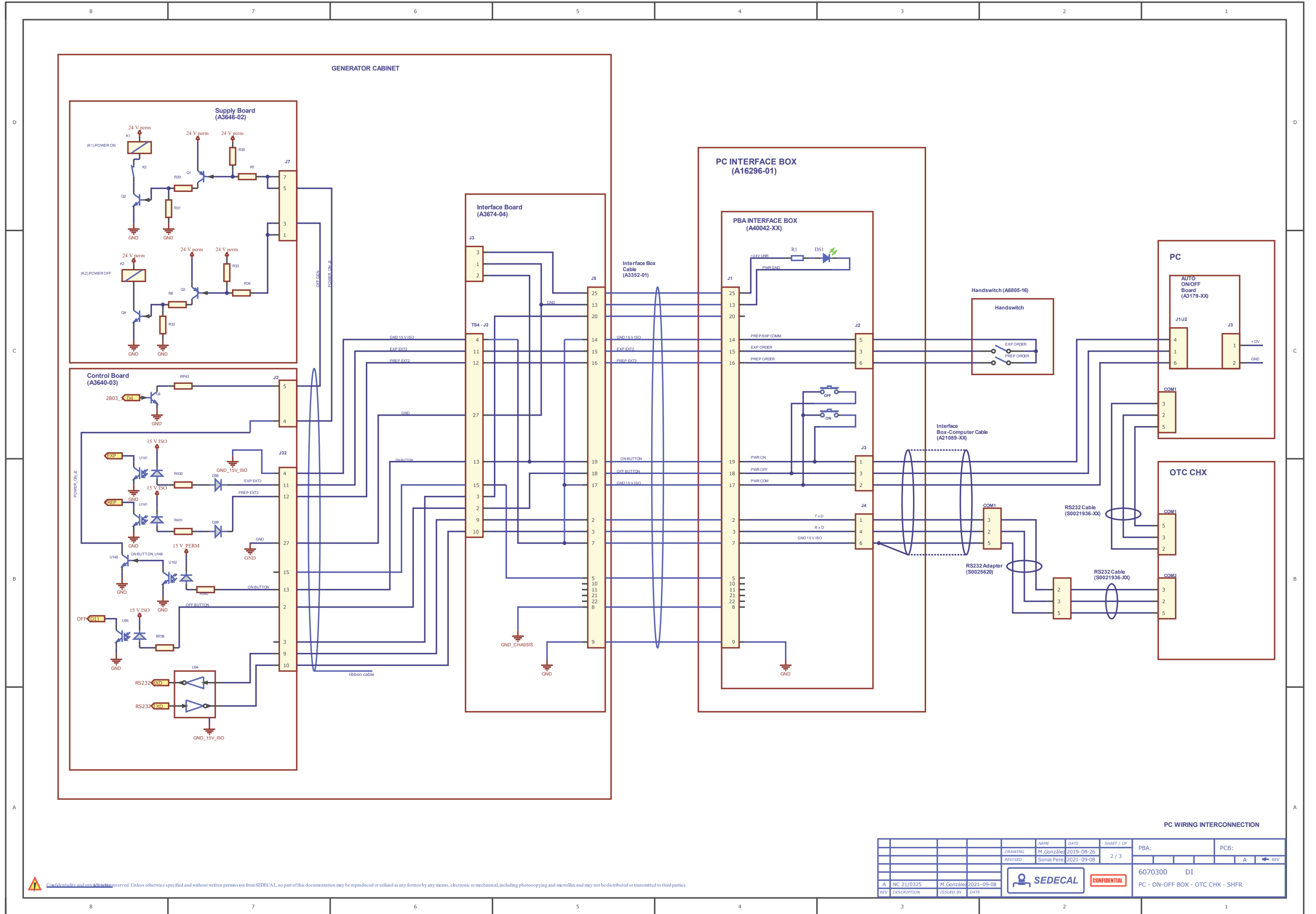


INTERNAL DEVICE INTERCONNECTION
IDI CHX WALL STAND w/o TILTING 2.0



INTERCONNECTION DIAGRAM

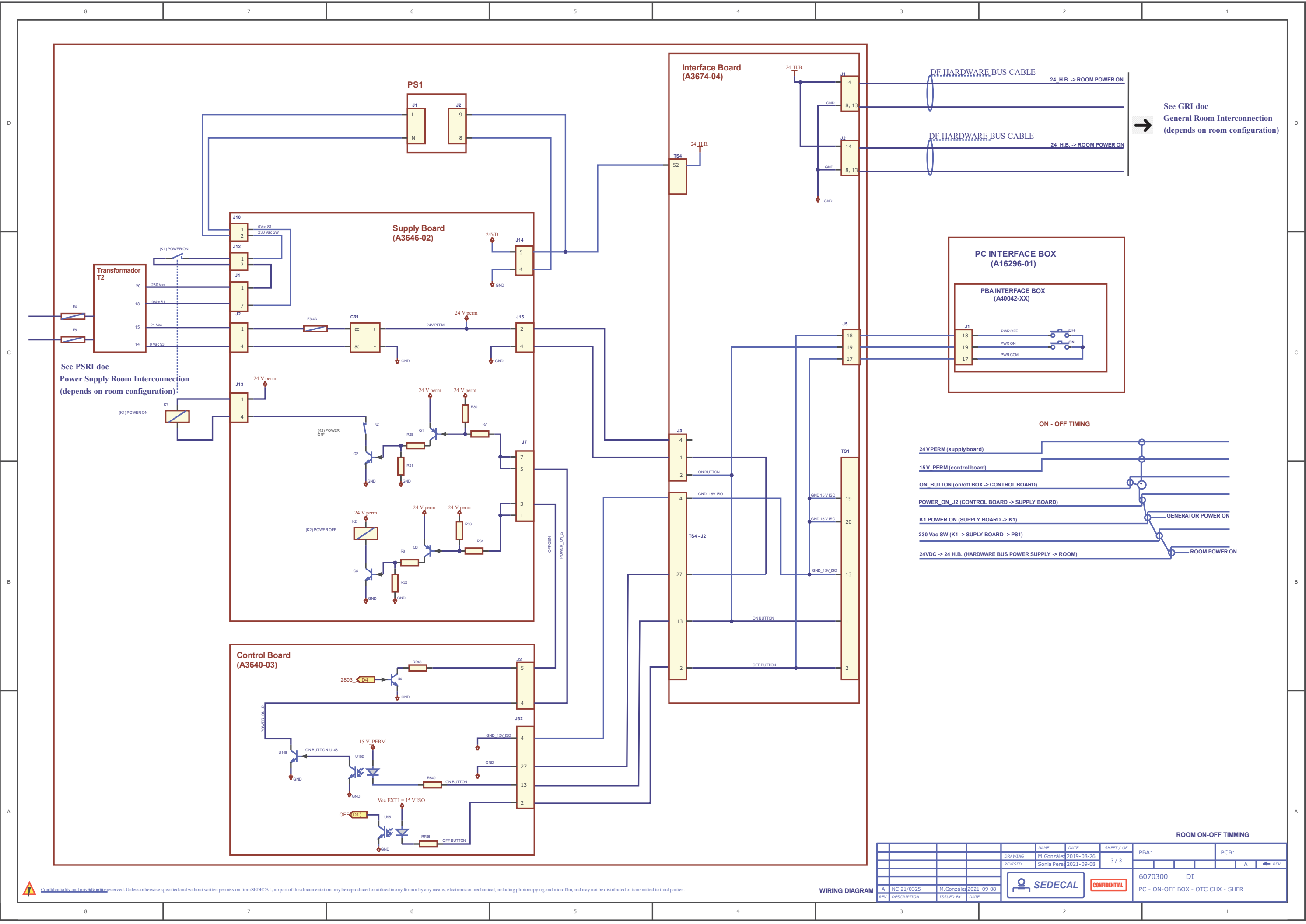
REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA:	PCB:
				DRAWING	M.González	2019-08-26	1 / 3	6070300 DI
				REVISED	Sonia Perez	2021-09-08		
A	NC 21/0325	M.González	2021-09-08	SEDECAL CONFIDENTIAL		PC - ON-OFF BOX - OTC CHX - SHFR		



PC WIRING INTERCONNECTION

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA:	PCB:
				M. González	2019-08-26	2 / 3		
				Sonia Perez	2021-09-08			
A	NC 21/0325	M. González	2021-09-08	SEDECAL		CONFIDENTIAL	6070300	DI
							PC - ON-OFF BOX - OTC CHX - SHFR	

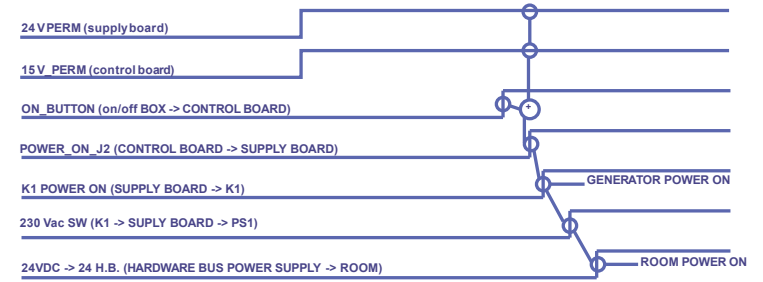
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See GRI doc
General Room Interconnection
(depends on room configuration)

See PSRI doc
Power Supply Room Interconnection
(depends on room configuration)

ON - OFF TIMING



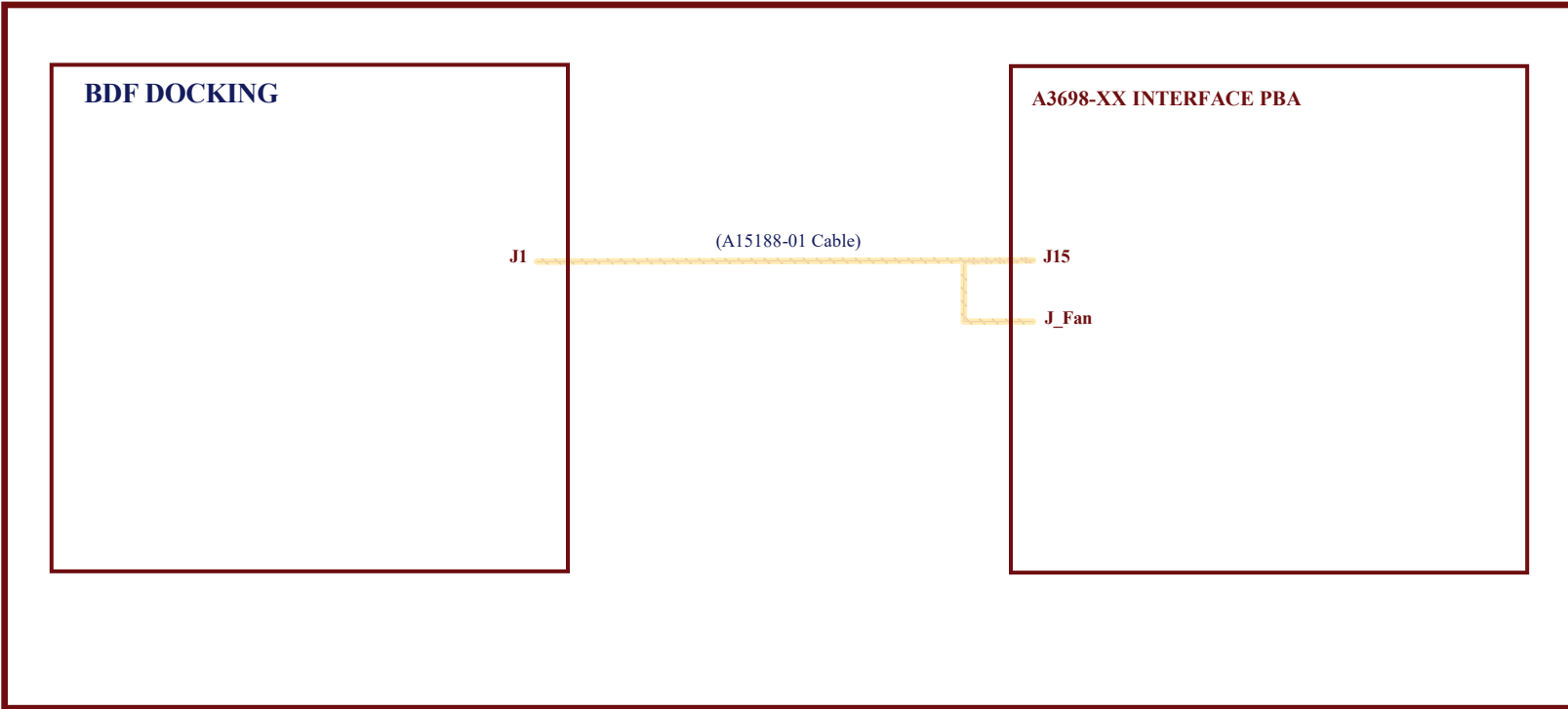
ROOM ON-OFF TIMMING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA:	PCB:
A	NC 21/0325	M. González	2021-09-08	M. González	2019-08-26	3 / 3		
		Sonia Perez	2021-09-08					
							6070300	DI
							PC - ON-OFF BOX - OTC CHX - SHFR	



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TABLE CHX



(See internal wiring (IDI) for further details)
(IDI 6006000 SCH)

(*) NOTES

FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION) OR SPECIFIC WIRING)

BLOCK DIAGRAM

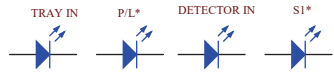
				NAME	DATE	SHEET / OF	CODE: 6070110	PCB: --
				DRAWING	S.Pérez	03/10/2019		
				REVISED	M.A.Gonz	03/10/2019	1 / 2	
								A ← REV
								DEVICE INTERCONNECTION DI BDC -16 DOCKING TABLE NET
REV	DESCRIPTION	ISSUED BY	DATE					
A	NC 17/0247	S.Pérez	03/10/2019					

CHX TABLE MODEL

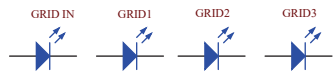
BDC-16 DOCKING

* P/L - S1* SIGNAL CODE DIFFERENT POSITIONS

A40101-XX PBA



A40101-XX PBA



(A21134-01)
(Cable)

J2



J1



JTRAY



JGRID



JTRAY



JGRID



(A21075-01 Cable)

J1



J15

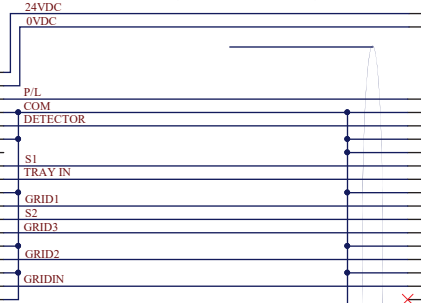
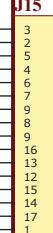


(A15188-01 Cable)

J_FAN

A3698-XX INTERFACE PBA

J15



(See internal wiring for further details)
(IDI 6006000 SCH)

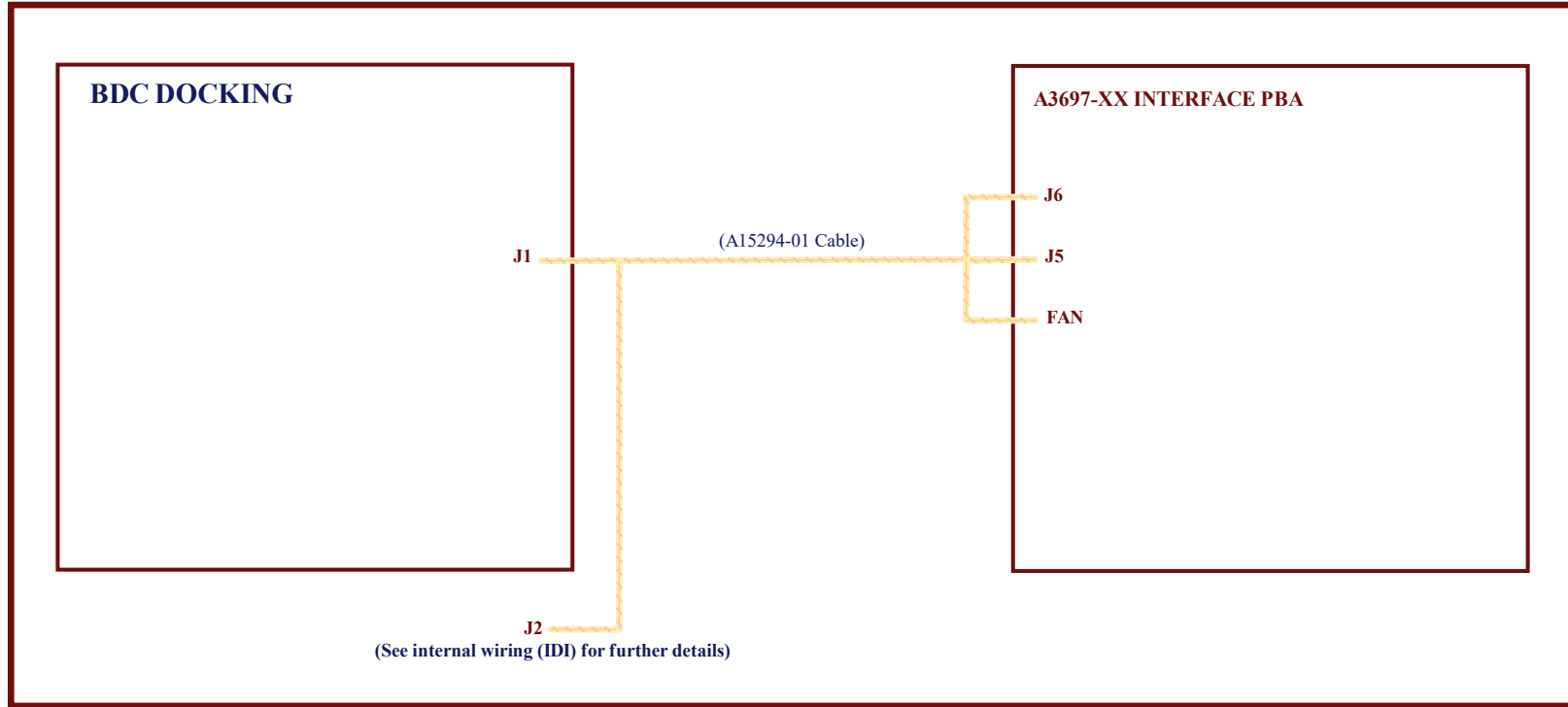
(*) NOTES

FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION) OR SPECIFIC WIRING)

DEVICE WIRING

DRAWING		NAME	DATE	SHEET / OF	CODE: 6070110	PCB: --
REVISED		S.Pérez	03/10/2019	2 / 2		
		M.A.Gonz	03/10/2019			
		SEDECAL		CONFIDENTIAL		
A NC 17/0247		S.Pérez	03/10/2019	DEVICE INTERCONNECTION		
REV	DESCRIPTION	ISSUED BY	DATE	DI BDC- 16 DOCKING - TABLE NET CHX		

CHX WSTAND



(See internal wiring (IDI) for further details)

(See internal wiring (IDI) for further details)
 (IDI 6007000 SCH)
 (IDI 6007004 SCH)
 (IDI 6070086 SCH)

(*) NOTES

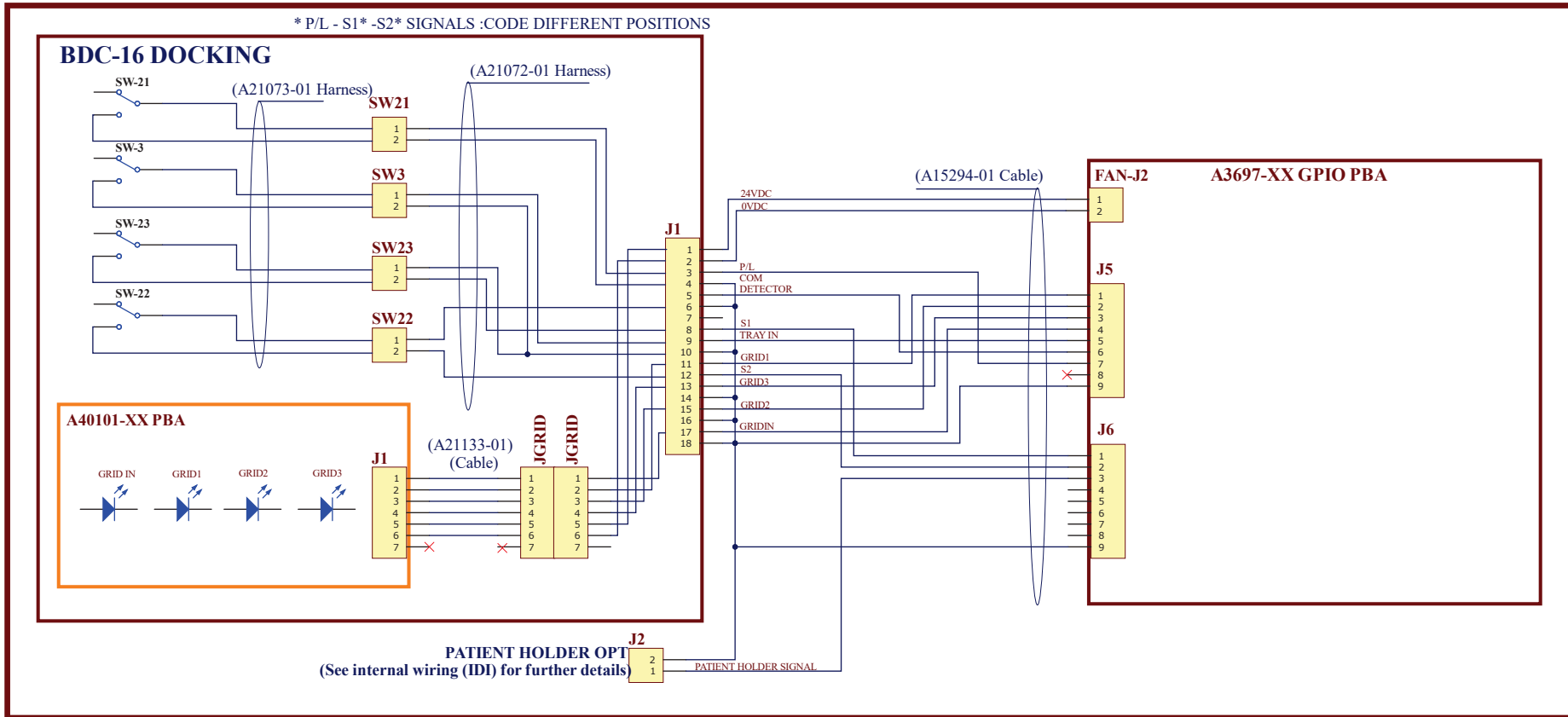
FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION) OR SPECIFIC WIRING)

BLOCK DIAGRAM

					NAME	DATE	SHEET / OF	CODE: 6070123	PCB: --
				DRAWING	S.Pérez	03/10/2019	1 / 2		
				REVISED	M.A.Gonz	03/10/2019			A ← REV
						CONFIDENTIAL		DEVICE INTERCONNECTION	
A	NC 19/0226	S.Pérez	03/10/2019	DI BDC -16 DOCKING WS CHX					
REV	DESCRIPTION	ISSUED BY	DATE						

CHX WSTAND MODELS

* P/L - S1* -S2* SIGNALS :CODE DIFFERENT POSITIONS



(See internal wiring (IDI) for further details)
 (IDI 6007000 SCH)
 (IDI 6007004 SCH)
 (IDI 6070086 SCH)

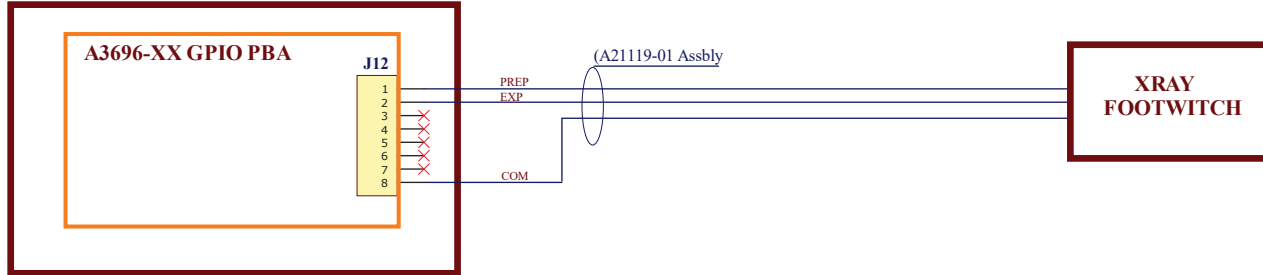
(*) NOTES

FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION) OR SPECIFIC WIRING

DEVICE WIRING

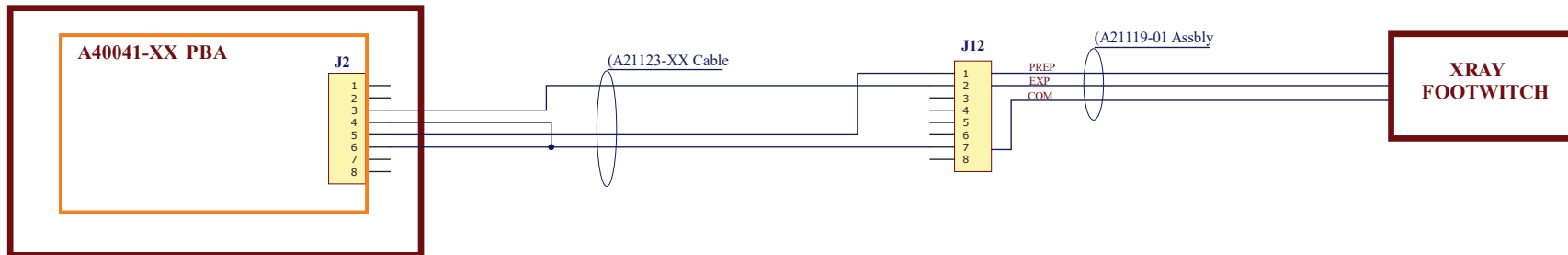
DRAWING		NAME	DATE	SHEET / OF	CODE: 6070123	PCB: --
REVISED		S. Pérez	03/10/2019	2 / 2		
		M.A.Gonz	03/10/2019			
		SEDECAL		CONFIDENTIAL		
REV	DESCRIPTION	ISSUED BY	DATE	DEVICE INTERCONNECTION		
A	NC 19/0226	S. Pérez	03/10/2019	DI BDC- 16 DOCKING - WS CHX		

TABLE NET MODEL

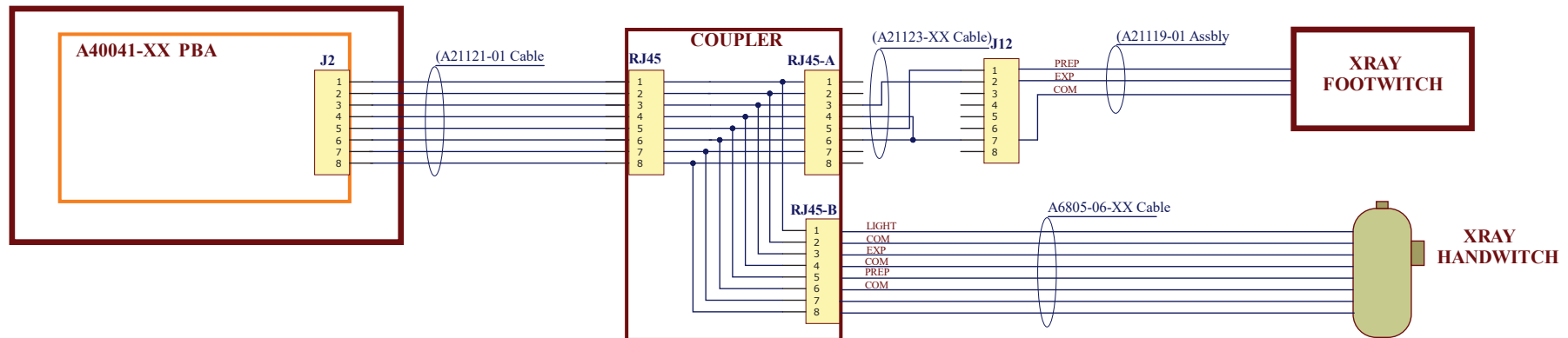


(See internal wiring for further details)
(DI 6006000 SCH)

REMOTE CONSOLE CONTROL w/o HANDSW



REMOTE CONSOLE CONTROL W/HANDSW



(-XX) NOTES

AVAILABLE IN DIFFERENT LENGTHS DEPENDS ON ROOM LAYOUT

(*) NOTES

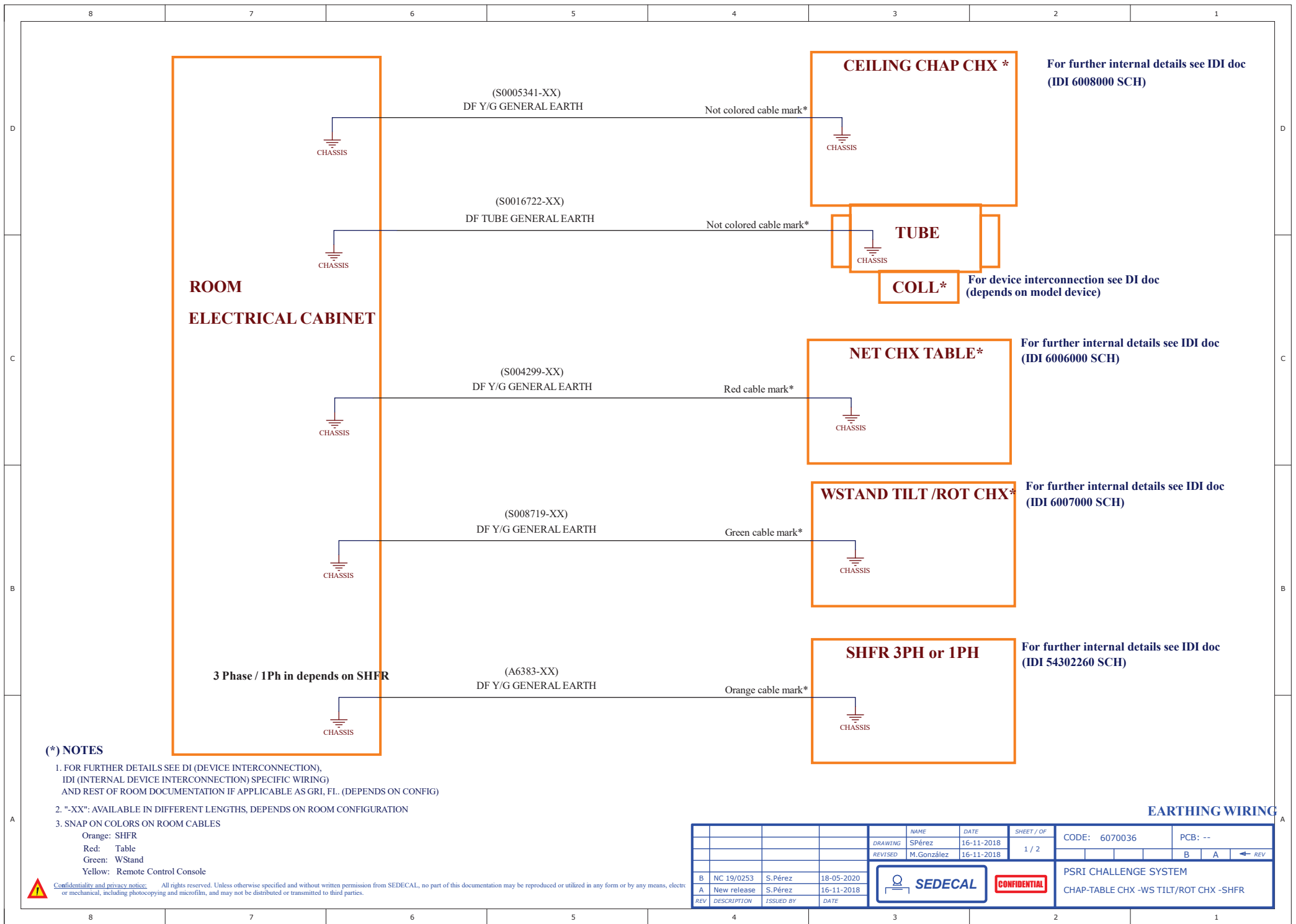
FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION) OR SPECIFIC WIRING)



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DEVICE WIRING

				NAME	DATE	SHEET / OF	CODE: 6070085	PCB: --
				DRAWING	S.Pérez	11/09/2019	2 / 2	
				REVISED	M.A.Gonz	11/09/2019		A ← REV
				SEDECAL		CONFIDENTIAL		DEVICE INTERCONNECTION
								DI XRAY FOOTSWITCH
REV	DESCRIPTION	ISSUED BY	DATE					
A	NC 19/0263	S.Pérez	11/09/2019					



For further internal details see IDI doc (IDI 6008000 SCH)

For device interconnection see DI doc (depends on model device)

For further internal details see IDI doc (IDI 6006000 SCH)

For further internal details see IDI doc (IDI 6007000 SCH)

For further internal details see IDI doc (IDI 54302260 SCH)

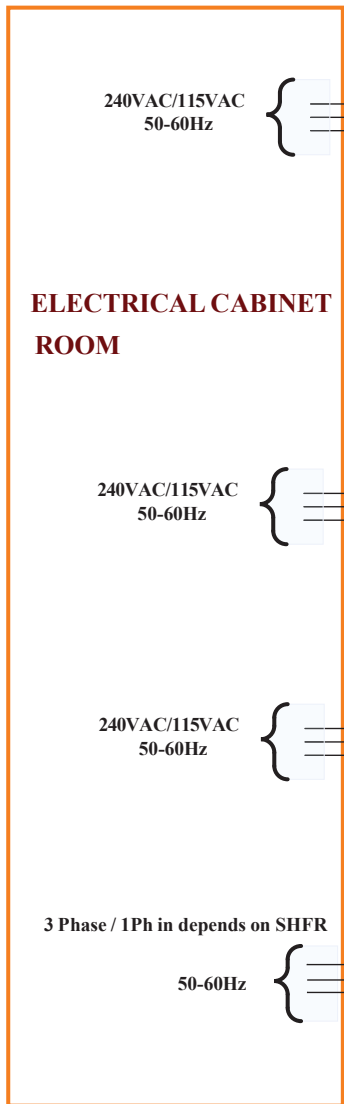
(*) NOTES

- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL.. (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES
 Orange: SHFR
 Red: Table
 Green: WStand
 Yellow: Remote Control Console

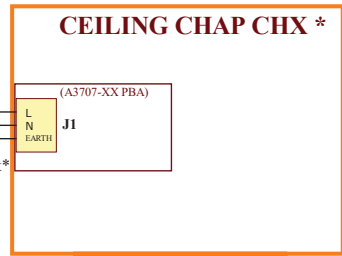
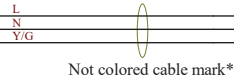
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EARTHING WIRING

DRAWING		NAME	DATE	SHEET / OF		CODE: 6070036		PCB: --	
REVISED		S.Pérez	16-11-2018	1 / 2				B A ← REV	
		M.González	16-11-2018						
B	NC 19/0253	S.Pérez	18-05-2020			PSRI CHALLENGE SYSTEM CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR			
A	New release	S.Pérez	16-11-2018						
REV	DESCRIPTION	ISSUED BY	DATE						



(A15223-XX)
DF AC POWER SUPPLY CABLE

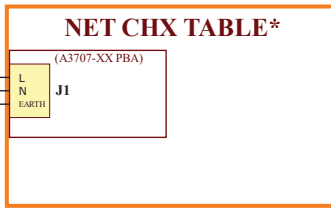
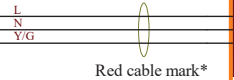


For further internal details see IDI doc (IDI 6008000 SCH)



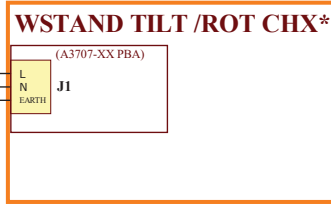
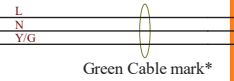
For device interconnection see DI doc (depends on model device)

(A15223-XX)
DF AC POWER SUPPLY CABLE



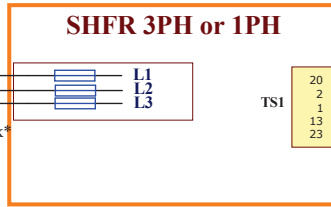
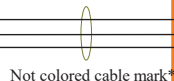
For further internal details see IDI doc (IDI 6006000 SCH)

(A15223-XX)
DF AC POWER SUPPLY CABLE

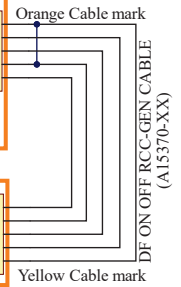


For further internal details see IDI doc (IDI 6007000 SCH)

POWER SUPPLY CABLE * not supplied by Sedecal



For further internal details see IDI doc (IDI 54302260 SCH)



For device interconnection see DI doc

POWER SUPPLY WIRING

(*) NOTES

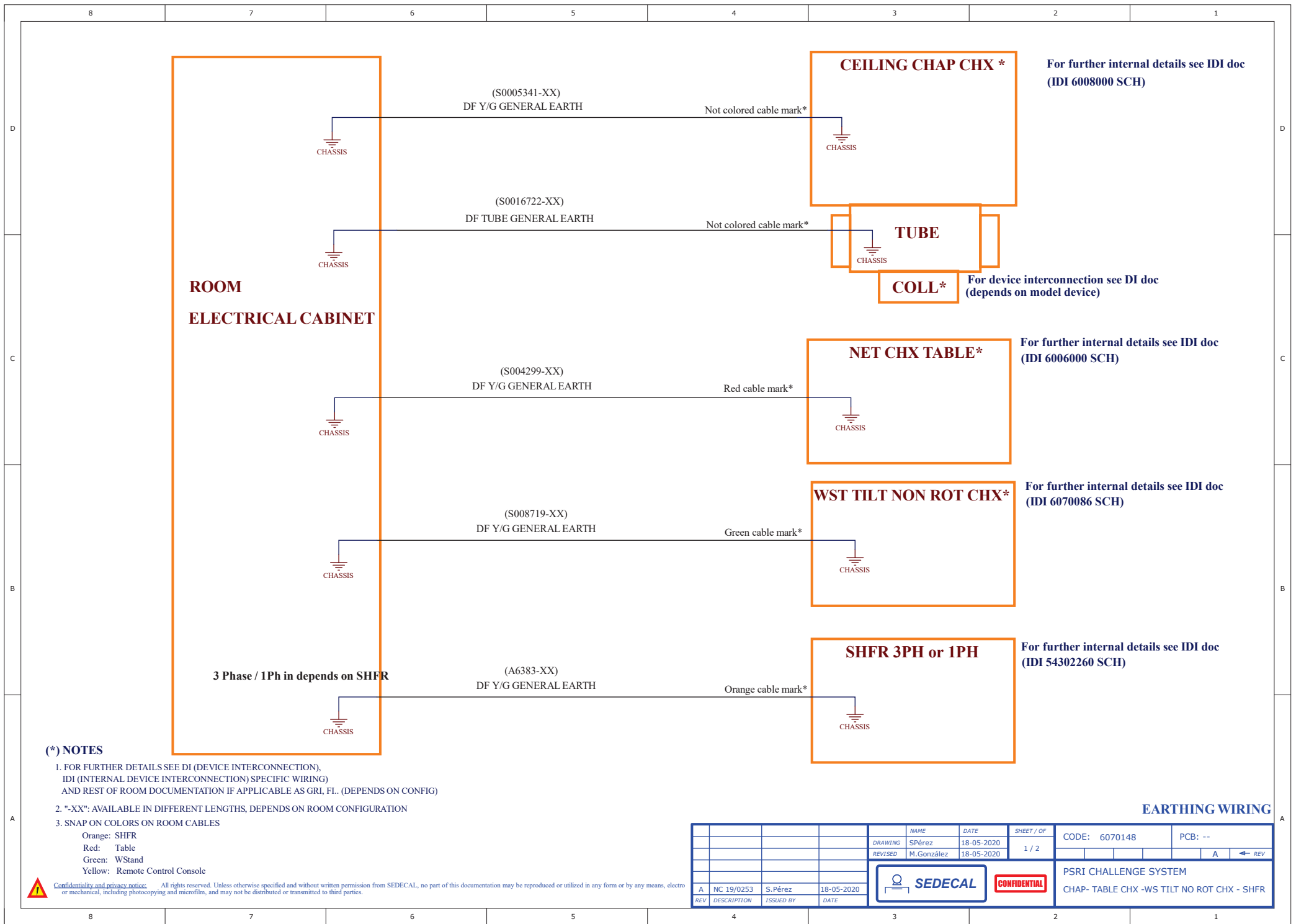
1. FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING) AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL., (DEPENDS ON CONFIG)

2. "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION

3. SNAP ON COLORS ON ROOM CABLES

- Orange: SHFR
- Red: Table
- Green: WStand
- Yellow: Remote Control Console

				NAME	DATE	SHEET / OF	CODE: 6070036	PCB: --
				DRAWING	SPérez	16-11-2018	2 / 2	
				REVISED	M.González	16-11-2018		B A ← REV
B	NC19/Q253	S.Pérez	18-05-2020			PSRI CHALLENGE SYSTEM		
A	New release	S.Pérez	16-11-2018			CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR		
REV	DESCRIPTION	ISSUED BY	DATE					



For further internal details see IDI doc (IDI 6008000 SCH)

For device interconnection see DI doc (depends on model device)

For further internal details see IDI doc (IDI 6006000 SCH)

For further internal details see IDI doc (IDI 6070086 SCH)

For further internal details see IDI doc (IDI 54302260 SCH)

(*) NOTES

1. FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING) AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL. (DEPENDS ON CONFIG)

2. "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION

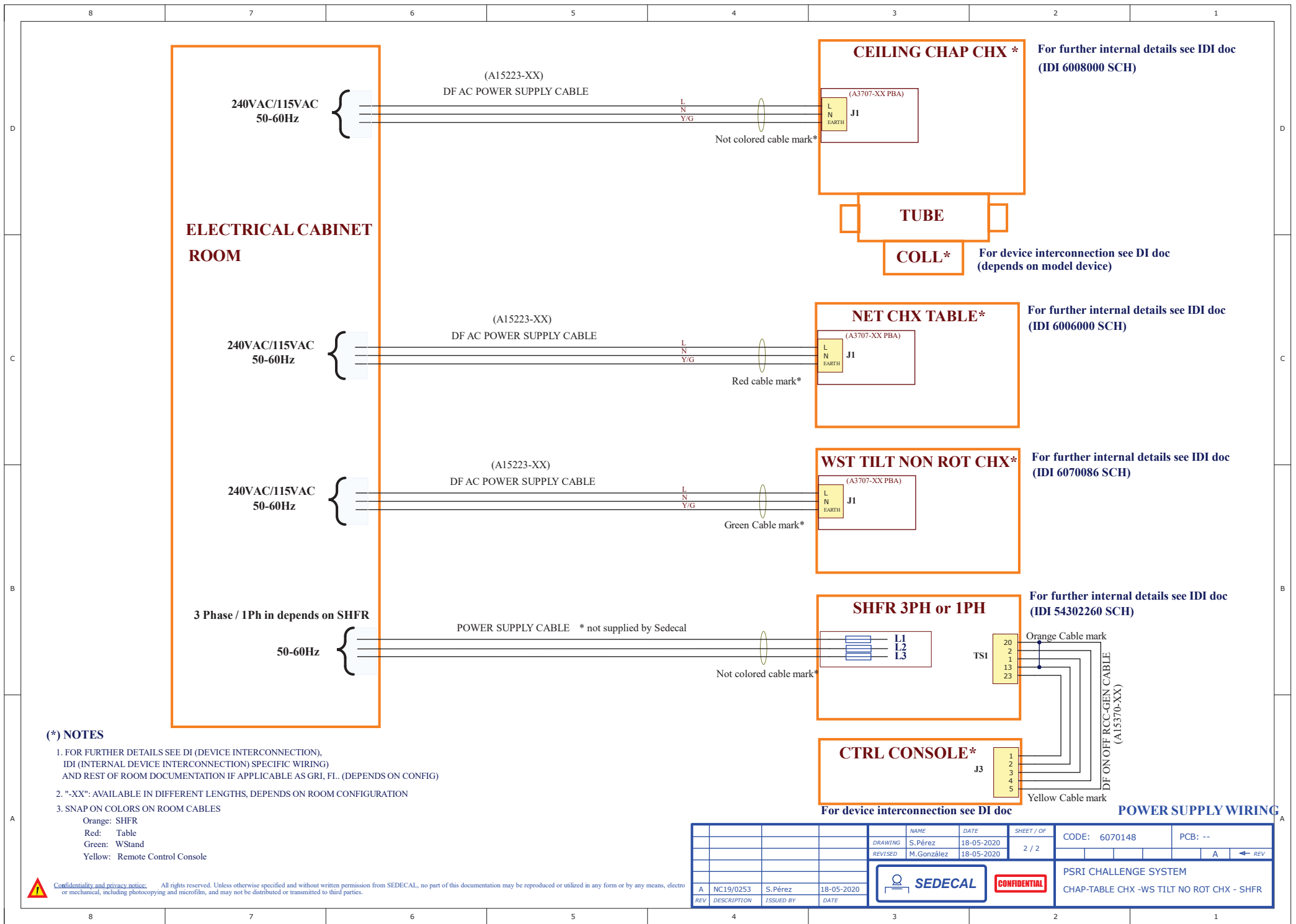
3. SNAP ON COLORS ON ROOM CABLES

- Orange: SHFR
- Red: Table
- Green: WStand
- Yellow: Remote Control Console

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EARTHING WIRING

		NAME		DATE		SHEET / OF		CODE: 6070148		PCB: --	
		DRAWING		S.Pérez		18-05-2020		1 / 2			
		REVISED		M.González		18-05-2020				A ← REV	
						PSRI CHALLENGE SYSTEM					
CHAP- TABLE CHX -WS TILT NO ROT CHX - SHFR											
REV	DESCRIPTION	ISSUED BY	DATE								
A	NC 19/0253	S.Pérez	18-05-2020								

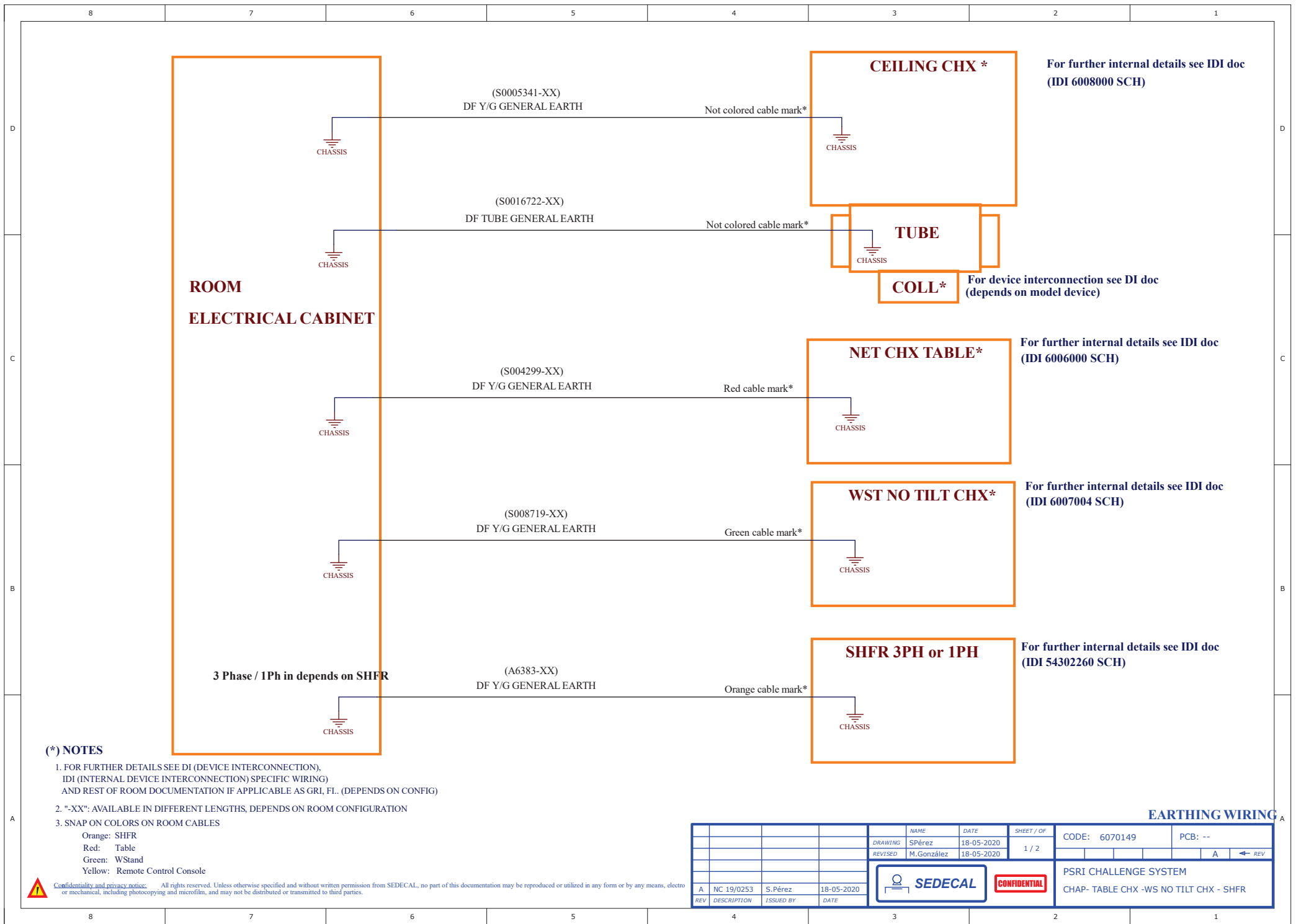


(*) NOTES

- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL., (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES
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 Red: Table
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		NAME		DATE		SHEET / OF		CODE: 6070148		PCB: --	
		DRAWING		S.Pérez		18-05-2020					
		REVISED		M.González		18-05-2020					
						PSRI CHALLENGE SYSTEM CHAP-TABLE CHX -WS TILT NO ROT CHX - SHFR					
A								NC19/0253		S.Pérez	
REV	DESCRIPTION	ISSUED BY	DATE								



(*) NOTES

1. FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING) AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL. (DEPENDS ON CONFIG)

2. "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION

3. SNAP ON COLORS ON ROOM CABLES

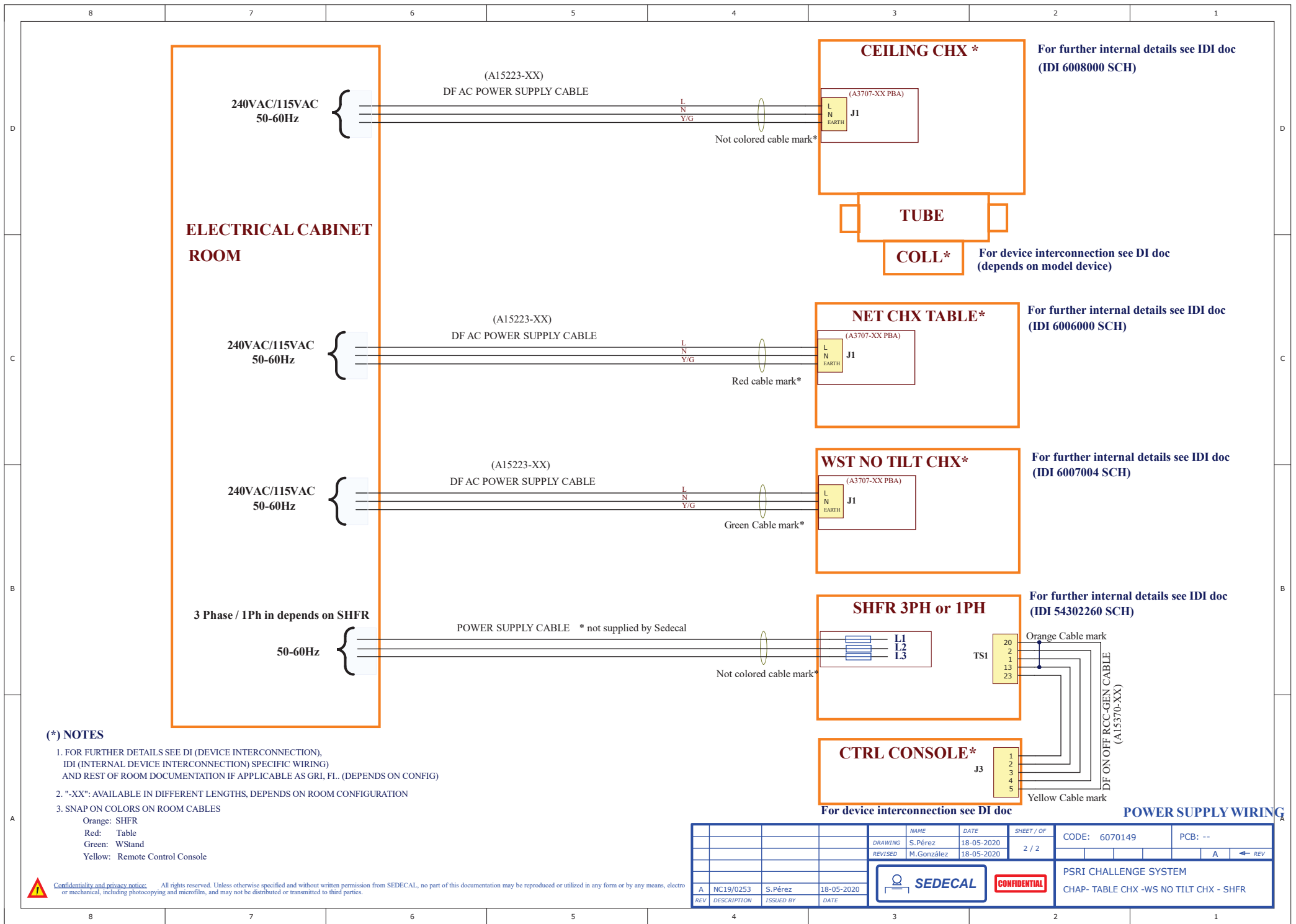
- Orange: SHFR
- Red: Table
- Green: WStand
- Yellow: Remote Control Console



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EARTHING WIRING

				NAME	DATE	SHEET / OF	CODE: 6070149	PCB: --
				DRAWING	S.Pérez	18-05-2020		
				REVISED	M.González	18-05-2020	1 / 2	
								A ← REV
						CONFIDENTIAL		
				PSRI CHALLENGE SYSTEM				
				CHAP- TABLE CHX -WS NO TILT CHX - SHFR				
REV	DESCRIPTION	ISSUED BY	DATE					
A	NC 19/0253	S.Pérez	18-05-2020					



(*) NOTES

- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS GRI, FL. (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES
Orange: SHFR
Red: Table
Green: WStand
Yellow: Remote Control Console

				NAME	DATE	SHEET / OF	CODE: 6070149	PCB: --
				DRAWING	S.Pérez	18-05-2020	2 / 2	
				REVISED	M.González	18-05-2020		A ← REV
				SEDECAL		CONFIDENTIAL		PSRI CHALLENGE SYSTEM
								CHAP- TABLE CHX -WS NO TILT CHX - SHFR
REV	DESCRIPTION	ISSUED BY	DATE					
A	NC19/0253	S.Pérez	18-05-2020					

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TABLE CHX* For further internal details see IDI doc (IDI 6006000 SCH)

WS TILT AND ROT CHX* For further internal details see IDI doc (IDI 6007004 SCH)

CEILING SUSPENSION CHX* For further internal details see IDI doc (IDI 6008000 SCH)

(Depends on room configuration)

ON-OFF BOX*

For further internal details see DI doc (DI 6070300 SCH)

SHFR GENERATOR*

For further internal details see IDI - Generator or DI HWB device (IDI 54302260 SCH / DI 6005500 SCH)

REMOTE CONTROL CONSOLE *

For further internal details see DI doc (DI 6005028 SCH)

INTERFACE MODULE

SYSTEM HUB

MASTER PBA SERVOS

TFT

UMC SERVOS

GPIO

UMC SERVOS

GPIO

SERVO BUS (PAG3)

GPIO BUS (PAG2)

HWB BUS (PAG4)

GPIO BUS (PAG2)
HWB BUS (PAG4)
(See DI's docs)

RS232 COMM (See DI doc)

(See DI doc)

(See DI doc)

ETHERNET BUS (PAG5)
(See DI doc)

ETHERNET BUS (PAG5)

ETHERNET BUS (PAG5)

(*) NOTES

- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FL.. (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES

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Green: WStand

Yellow: Remote Control Console

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BLOCK DIAGRAM

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6005011				PCB: --			
D	NC 21/0325	SPérez	20-09-2021	DRAWING	SPérez	16-11-2018	1 / 5							
C	NC 21/0333	SPérez	09-09-2021	REVISED	M.González	16-11-2018								
B	NC 19/0253	SPérez	29-05-2020											
A	New release	SPérez	16-11-2018											
									CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR			

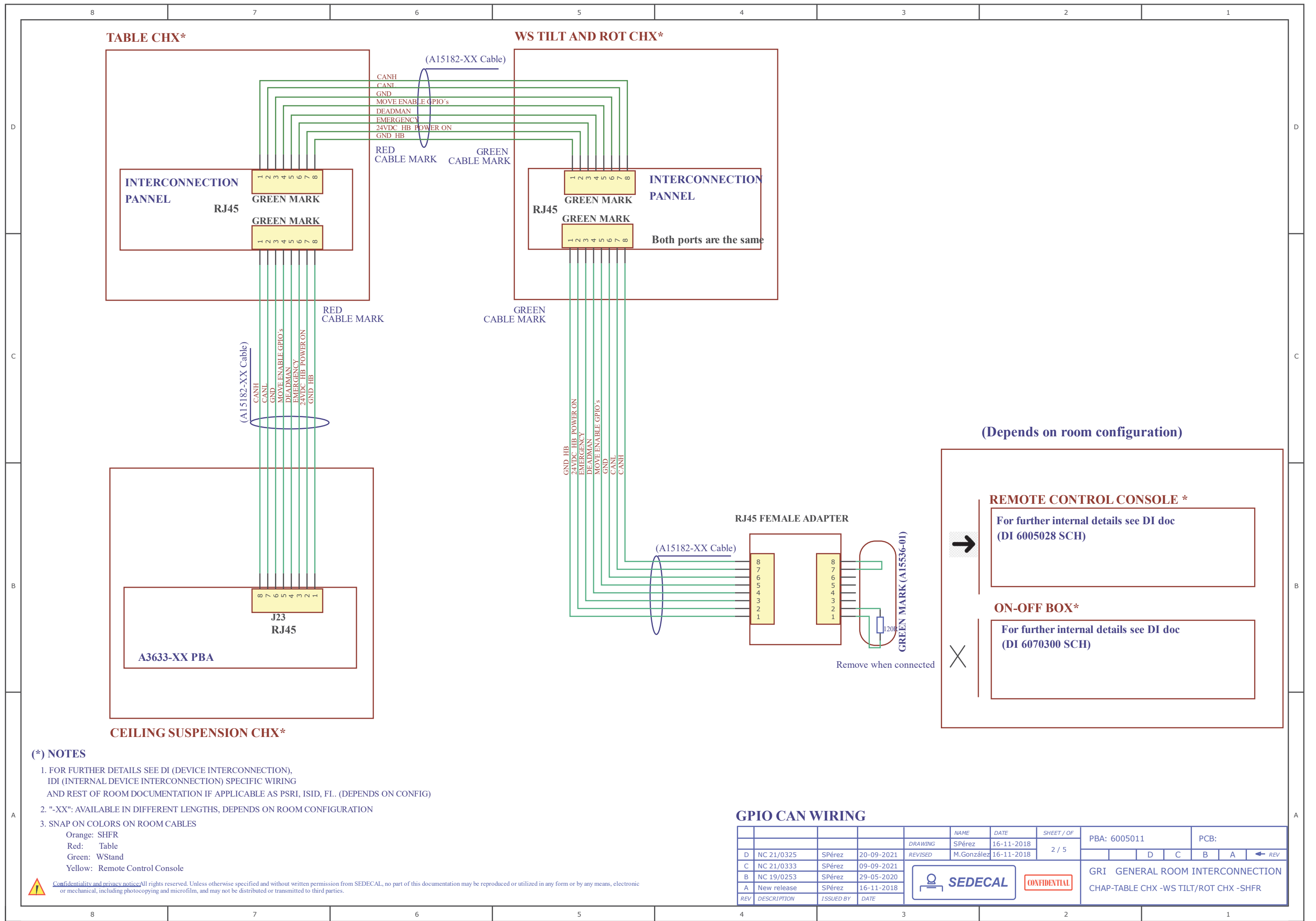
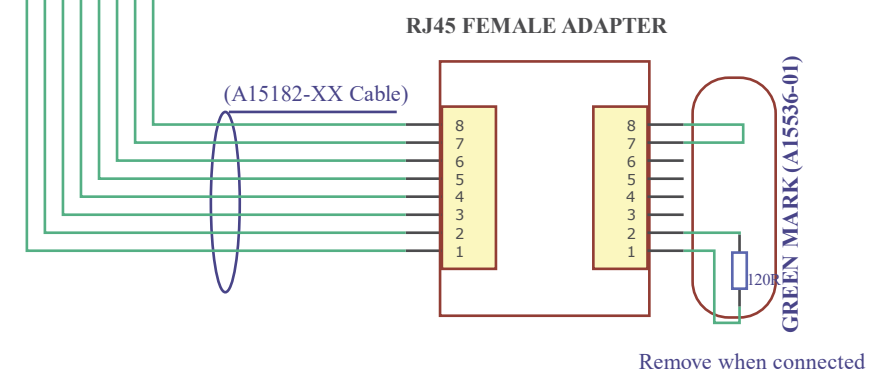
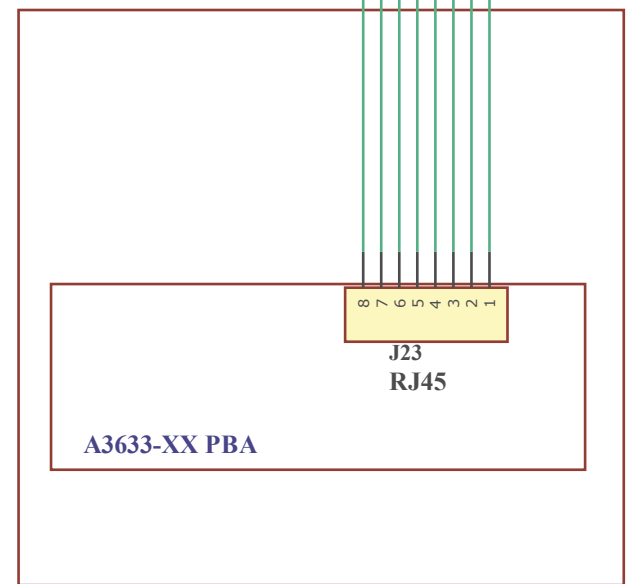
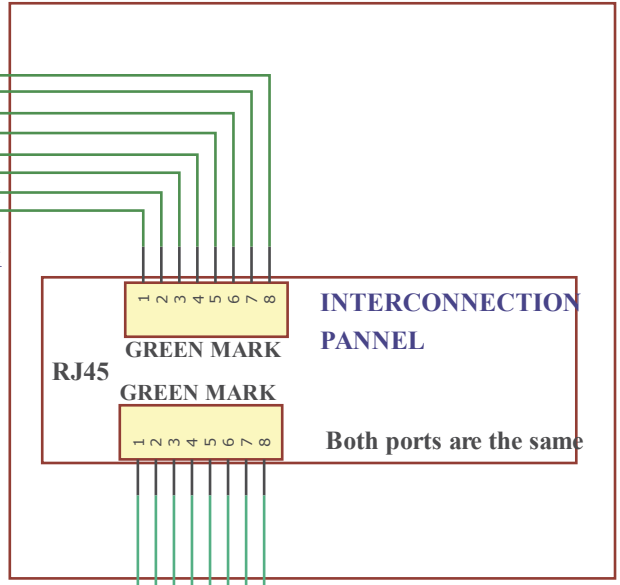
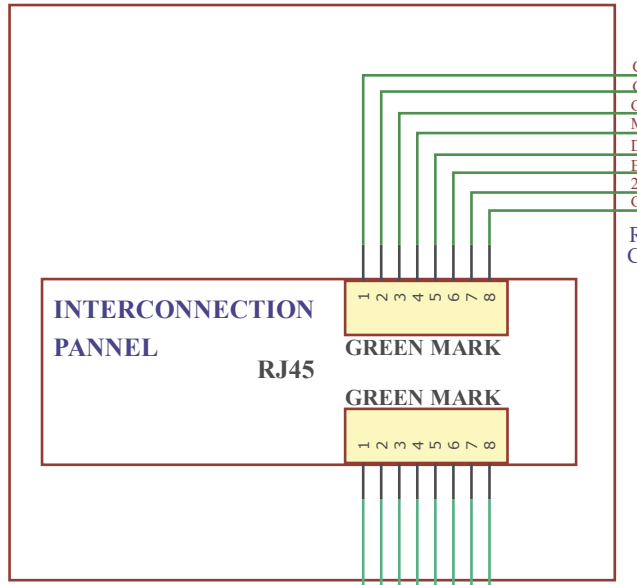


TABLE CHX*

WS TILT AND ROT CHX*



(Depends on room configuration)

→ **REMOTE CONTROL CONSOLE ***
For further internal details see DI doc (DI 6005028 SCH)

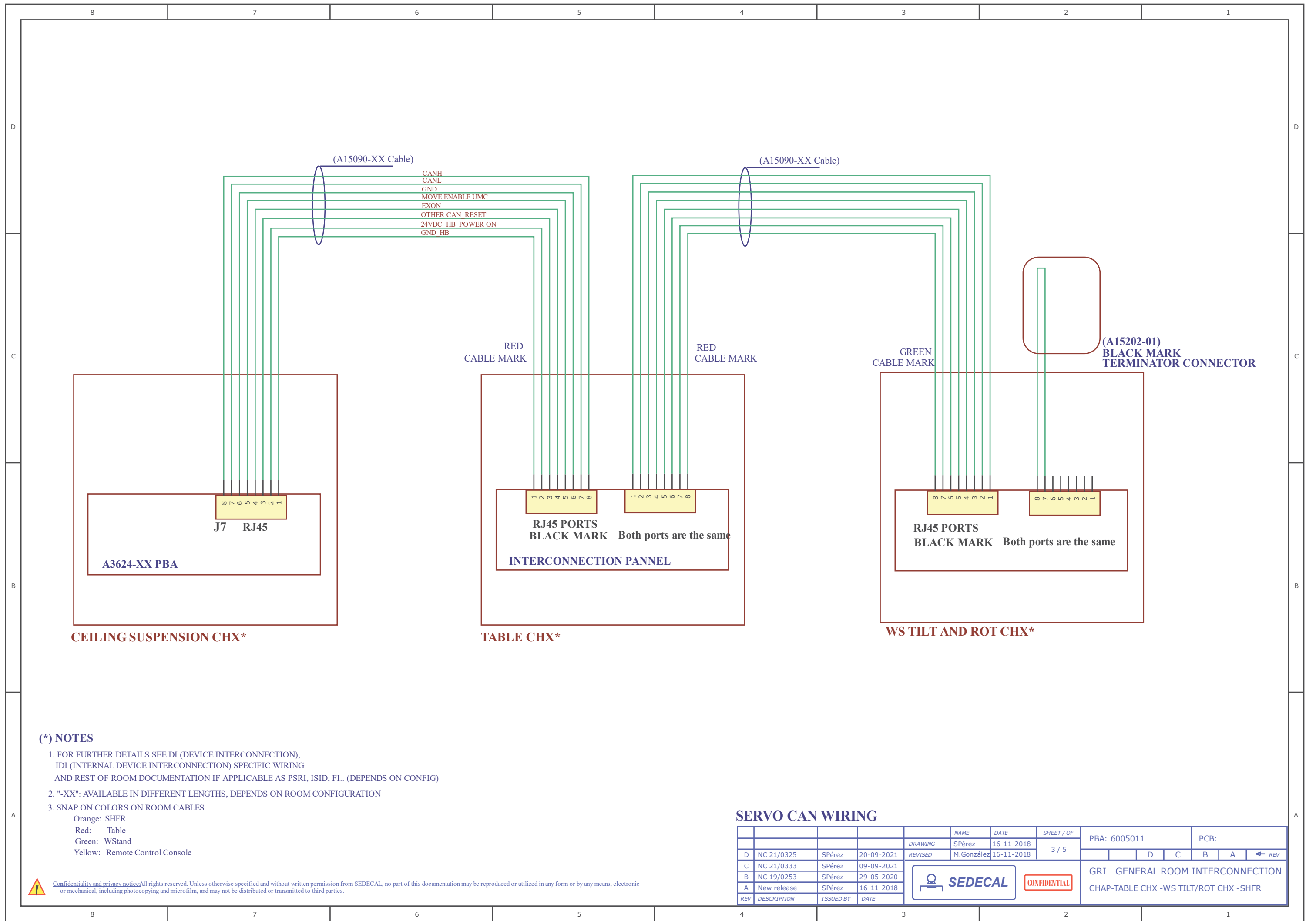
× **ON-OFF BOX***
For further internal details see DI doc (DI 6070300 SCH)

- (*) NOTES**
- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FL.. (DEPENDS ON CONFIG)
 - "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
 - SNAP ON COLORS ON ROOM CABLES
Orange: SHFR
Red: Table
Green: WStand
Yellow: Remote Control Console

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GPIO CAN WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6005011	PCB:	
D	NC 21/0325	SPérez	20-09-2021	DRAWING	SPérez	16-11-2018	2 / 5	D C B A ← REV	
C	NC 21/0333	SPérez	09-09-2021	REVISED	M.González	16-11-2018			
B	NC 19/0253	SPérez	29-05-2020	CONFIDENTIAL					GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR
A	New release	SPérez	16-11-2018						



(*) NOTES

- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FI.. (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES
 - Orange: SHFR
 - Red: Table
 - Green: WStand
 - Yellow: Remote Control Console

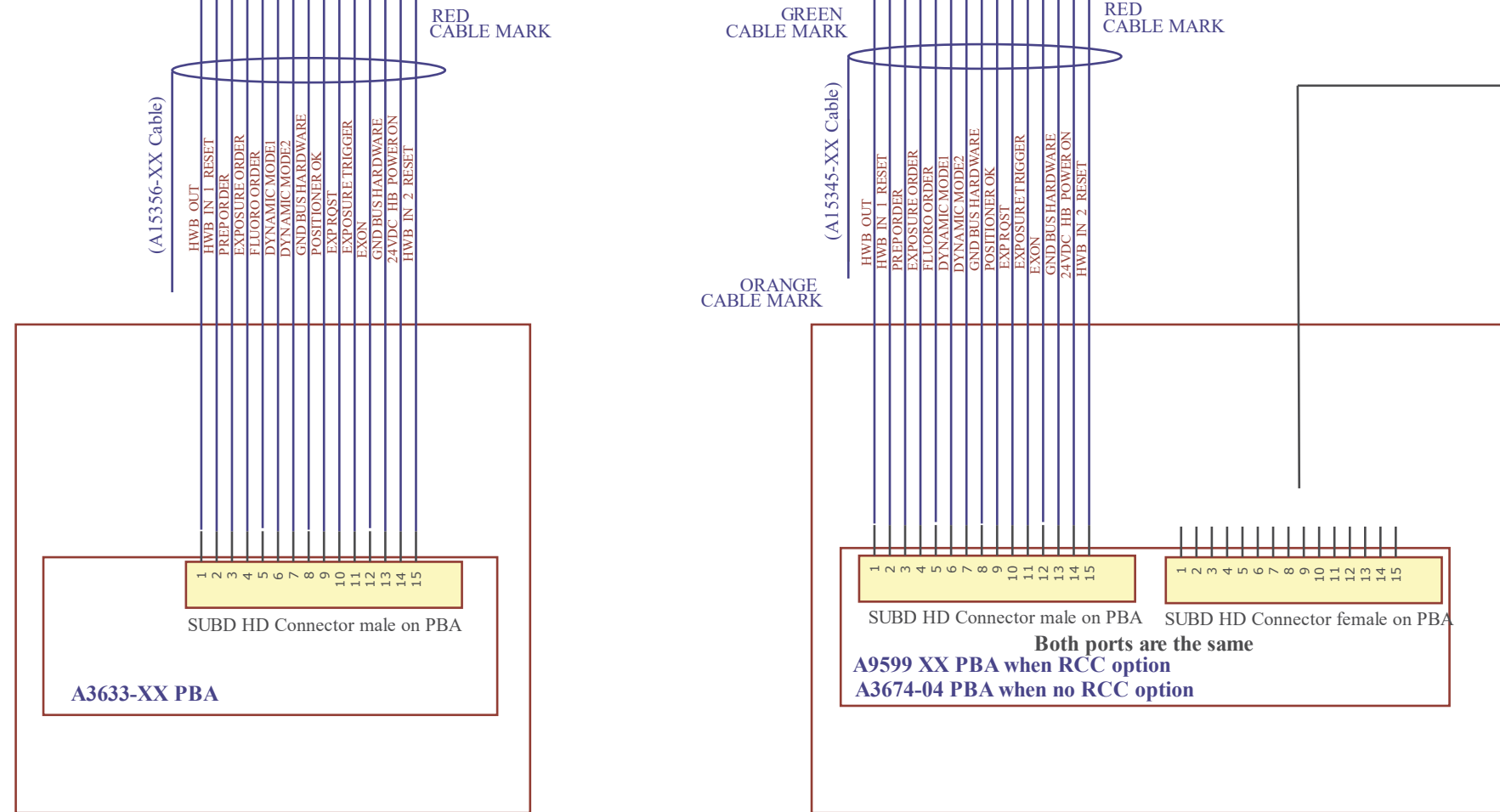
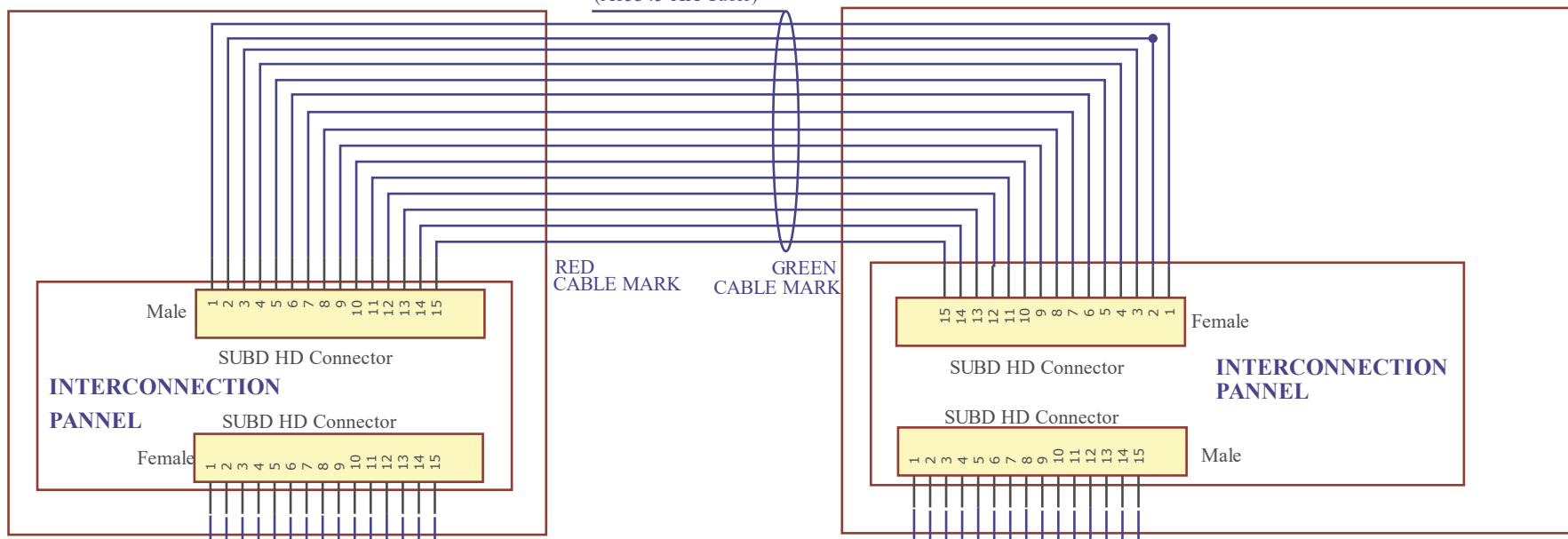
SERVO CAN WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6005011	PCB:
D	NC 21/0325	SPérez	20-09-2021	DRAWING	SPérez	16-11-2018	3 / 5	D C B A ← REV
C	NC 21/0333	SPérez	09-09-2021	REVISED	M.González	16-11-2018		
B	NC 19/0253	SPérez	29-05-2020					GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR
A	New release	SPérez	16-11-2018					



TABLE CHX*

WS TILT AND ROT CHX*



(Depends on room configuration)

REMOTE CONTROL CONSOLE *
For further internal details see IDI doc (DI 6005028 SCH)

ON-OFF BOX*
For further internal details see IDI doc (DI 6070300 SCH)

CEILING SUSPENSION CHX*

SHFR GENERATOR*

(*) NOTES

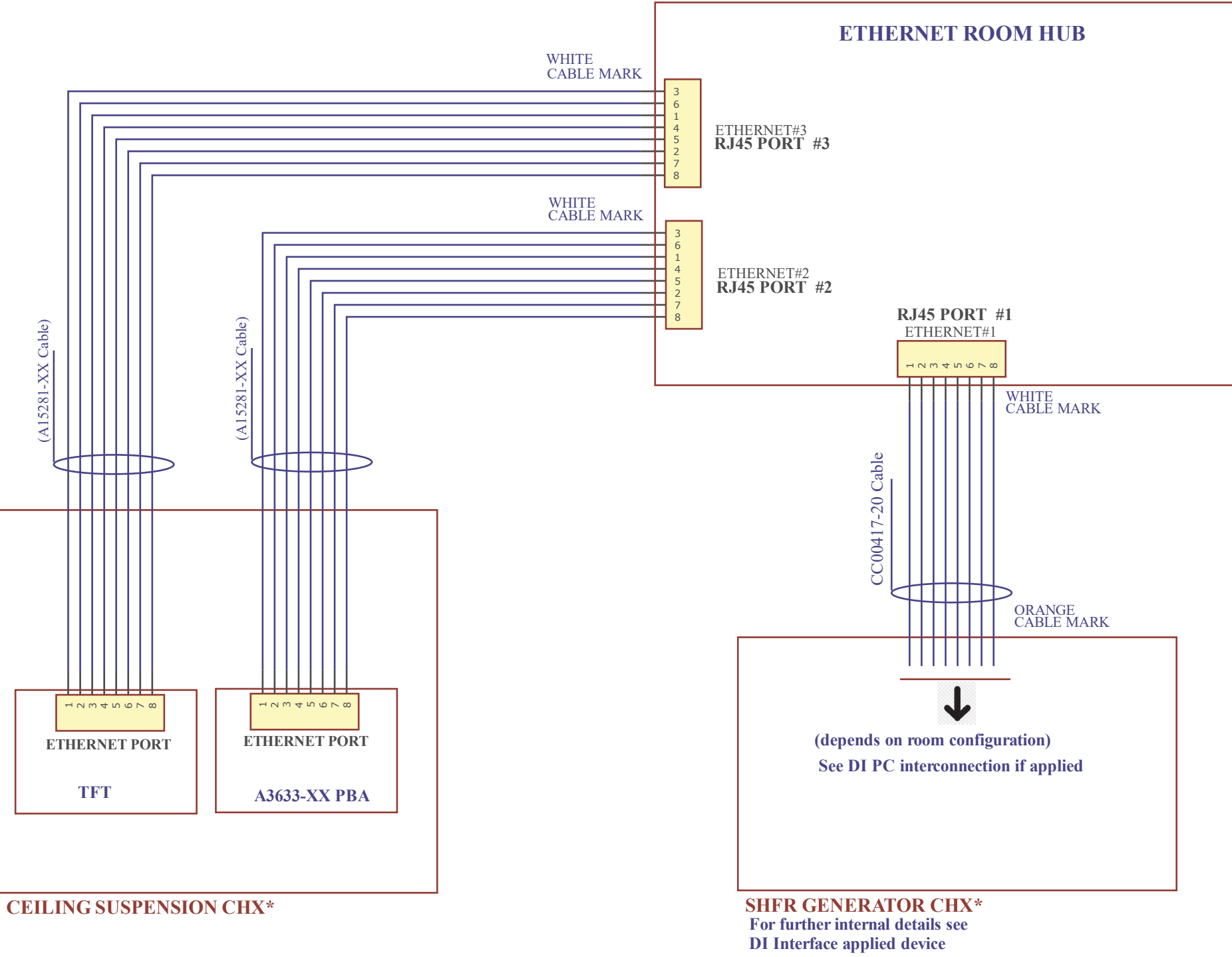
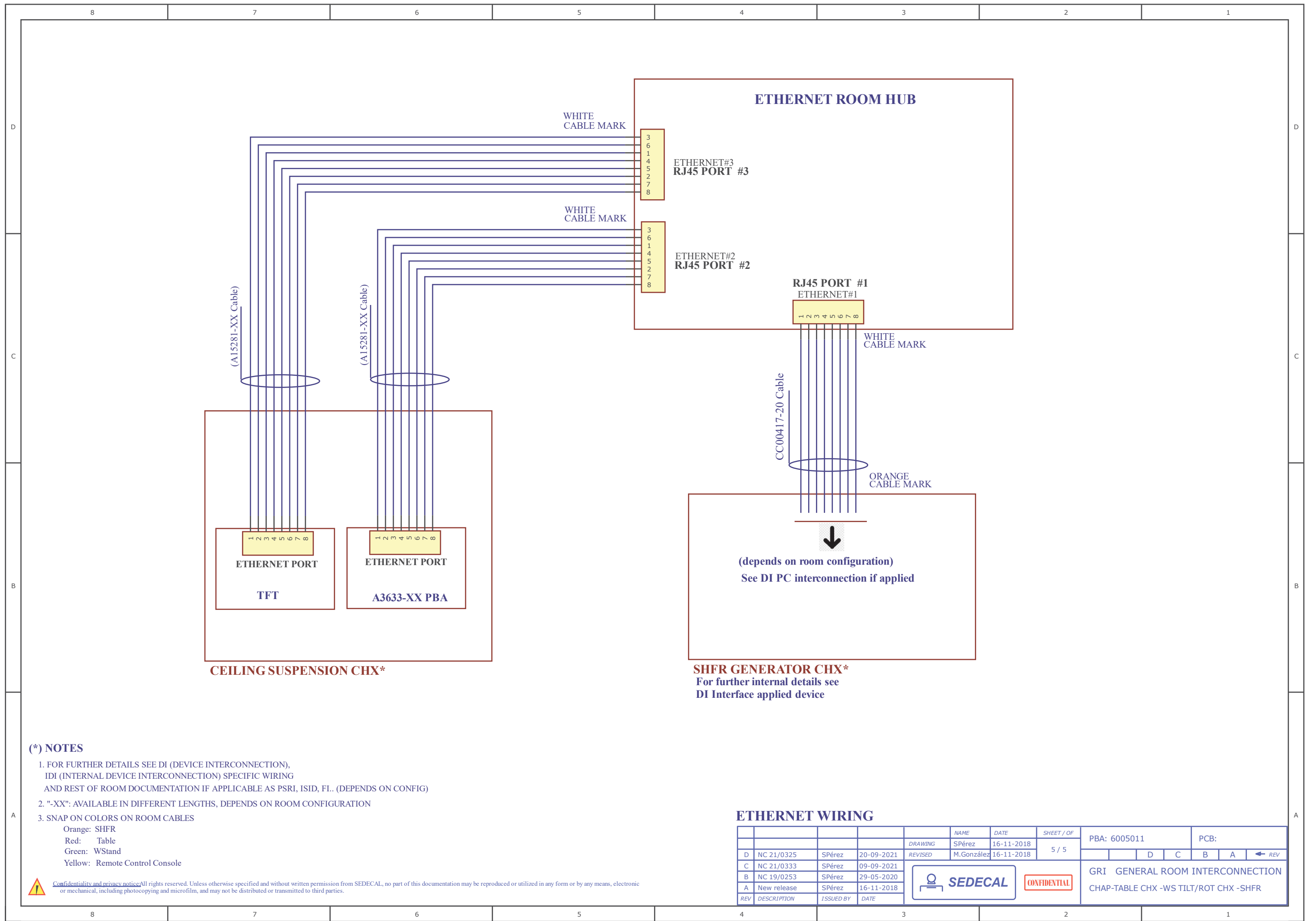
- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FI.. (DEPENDS ON CONFIG)
- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES
Orange: SHFR
Red: Table
Green: WStand
Yellow: Remote Control Console

HWB WIRING

REV	DESCRIPTION	ISSUED BY	DATE	DRAWING	NAME	DATE	SHEET / OF	PBA: 6005011		PCB:			
D	NC 21/0325	SPérez	20-09-2021	REVISED	M.González	16-11-2018	4 / 5		D	C	B	A	← REV
C	NC 21/0333	SPérez	09-09-2021										
B	NC 19/0253	SPérez	29-05-2020										
A	New release	SPérez	16-11-2018										



GRI GENERAL ROOM INTERCONNECTION
CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR



(*) NOTES

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ETHERNET WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6005011				PCB:			
D	NC 21/0325	SPérez	20-09-2021	DRAWING	SPérez	16-11-2018	5 / 5							
C	NC 21/0333	SPérez	09-09-2021	REVISED	M.González	16-11-2018					D C B A ← REV			
B	NC 19/0253	SPérez	29-05-2020											
A	New release	SPérez	16-11-2018											



CONFIDENTIAL

GRI GENERAL ROOM INTERCONNECTION
 CHAP-TABLE CHX -WS TILT/ROT CHX -SHFR

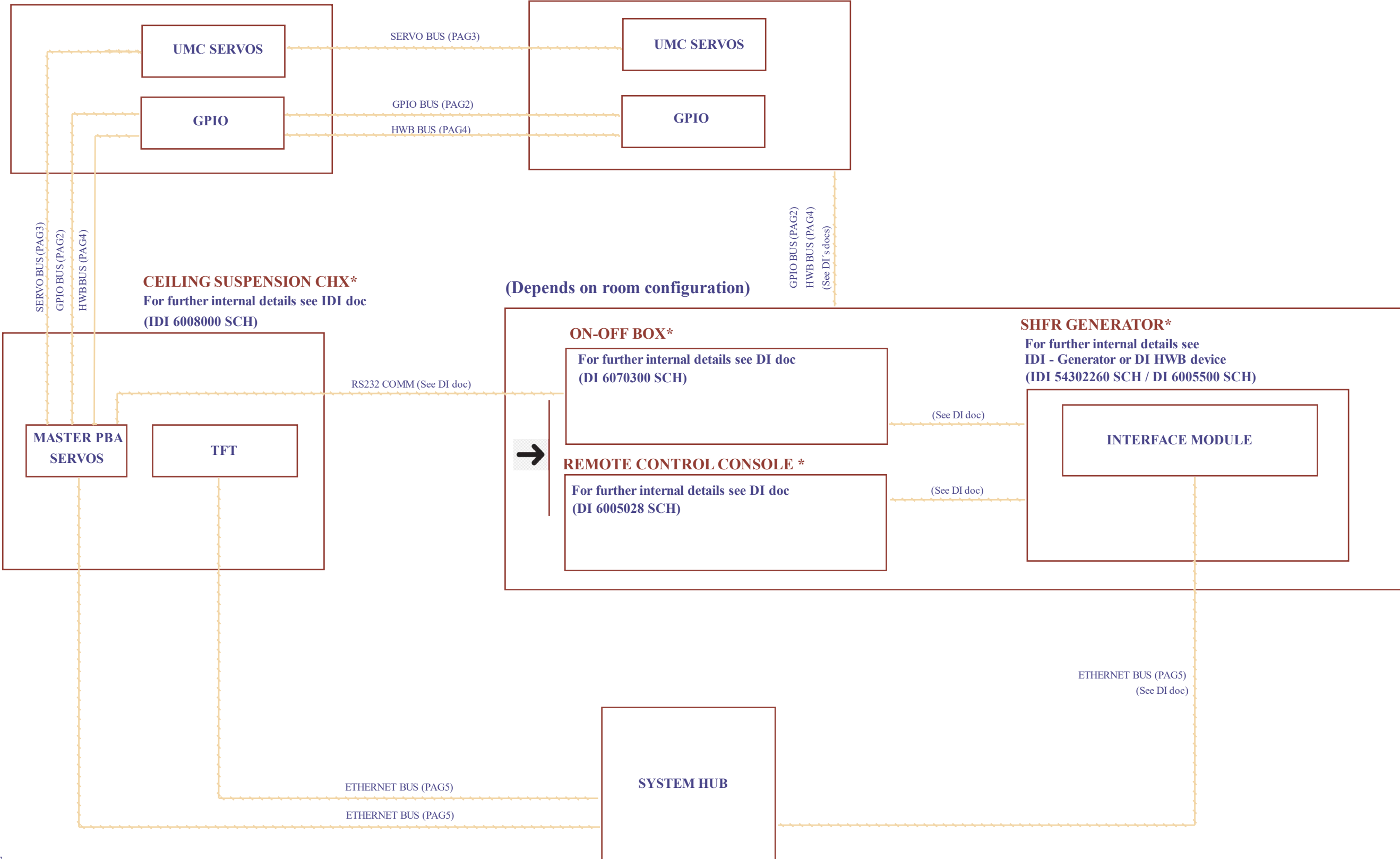
TABLE CHX* For further internal details see IDI doc (IDI 6006000 SCH)

WS TILT NON ROT CHX* For further internal details see IDI doc (IDI 6007086 SCH)

CEILING SUSPENSION CHX* For further internal details see IDI doc (IDI 6008000 SCH)

(Depends on room configuration)

SHFR GENERATOR* For further internal details see IDI - Generator or DI HWB device (IDI 54302260 SCH / DI 6005500 SCH)



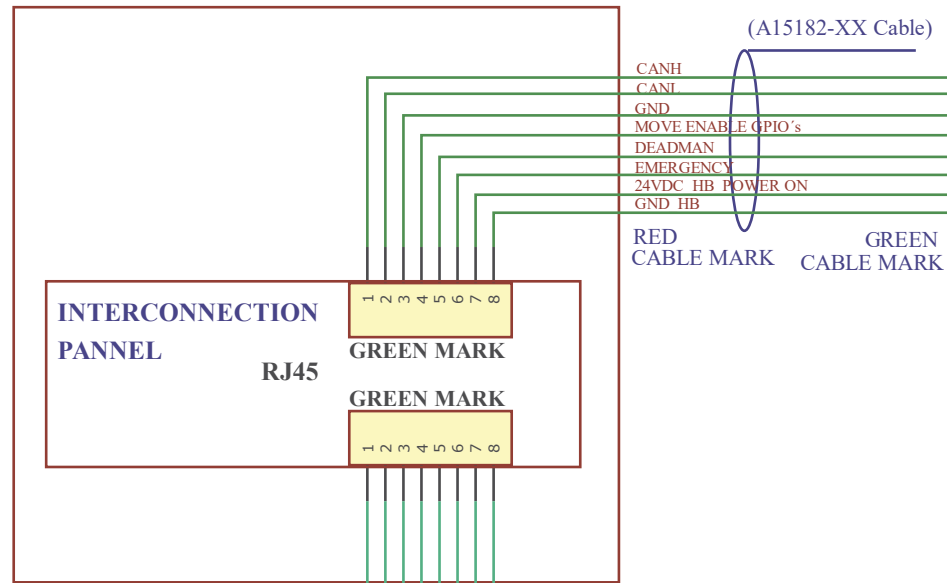
- (*) NOTES**
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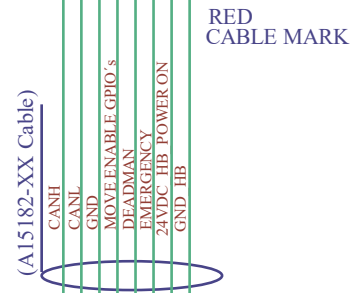
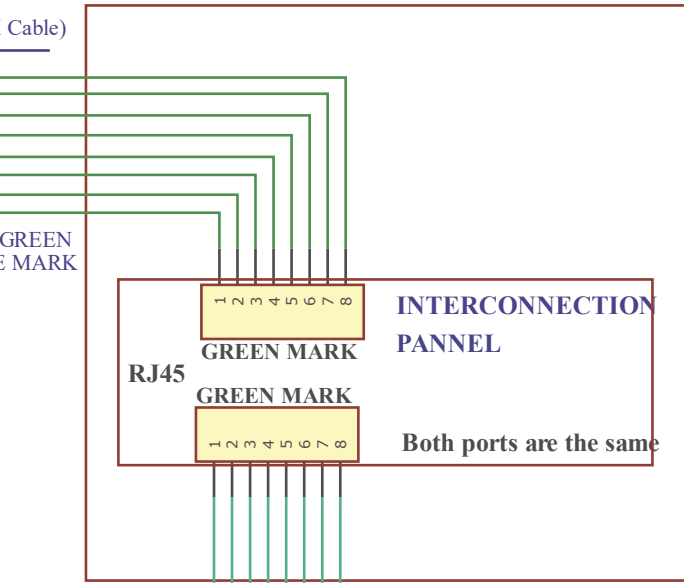
BLOCK DIAGRAM

				NAME	DATE	SHEET / OF	PBA: 6070158	PCB: --
				DRAWING	SPérez	29-05-2020		
				REVISED	M.González	29-05-2020	1 / 5	
B	NC 21/0325	SPérez	23-09-2021			CONFIDENTIAL GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT NO ROT CHX -SHFR		
A	NC 19/0253	SPérez	29-05-2020					
REV	DESCRIPTION	ISSUED BY	DATE					

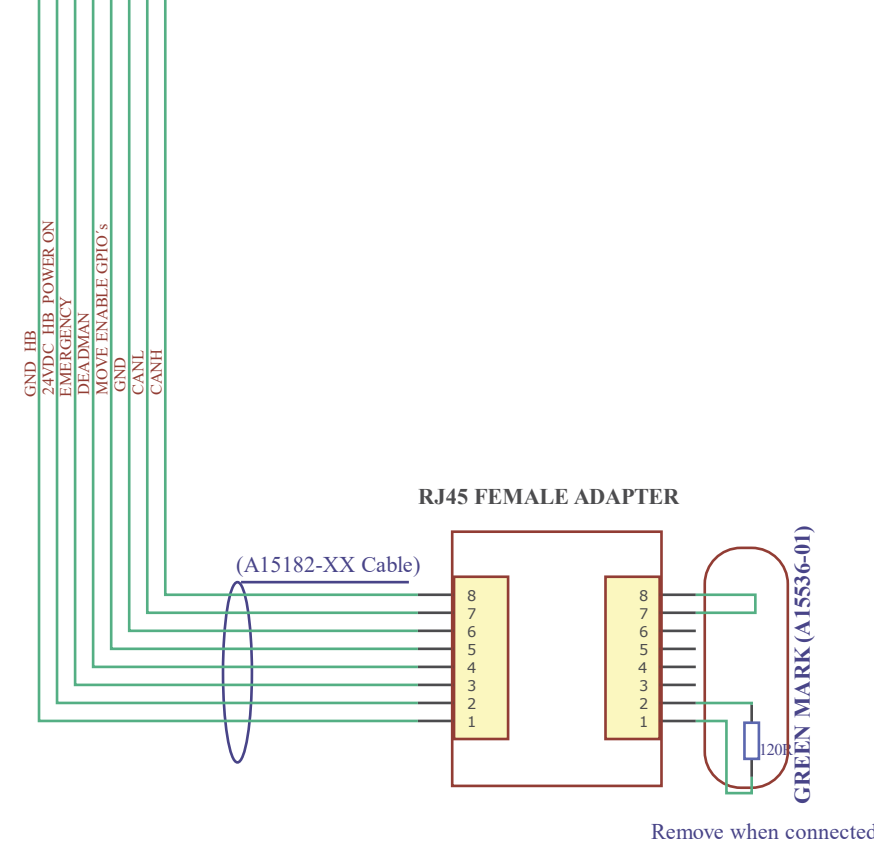
TABLE CHX*



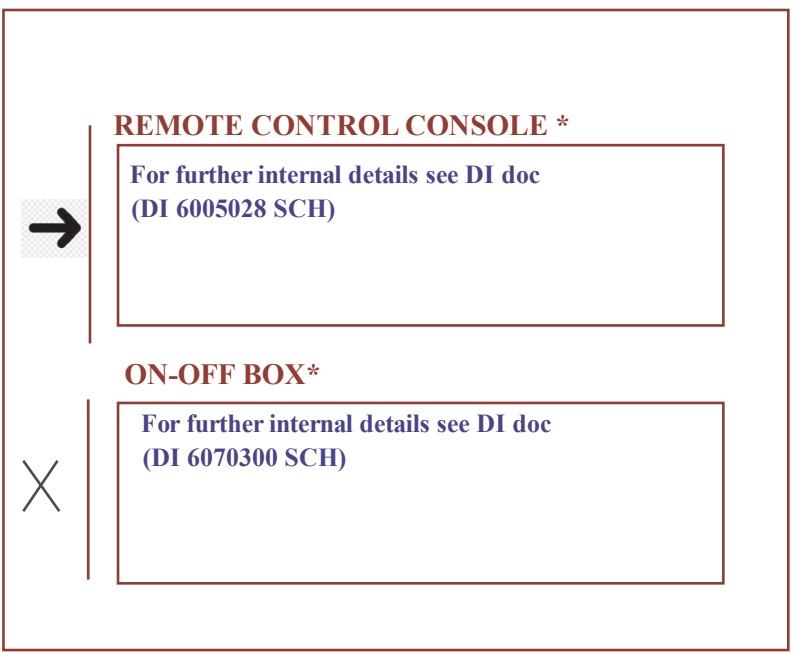
WS TILT NON ROT CHX*



CEILING SUSPENSION CHX*



(Depends on room configuration)



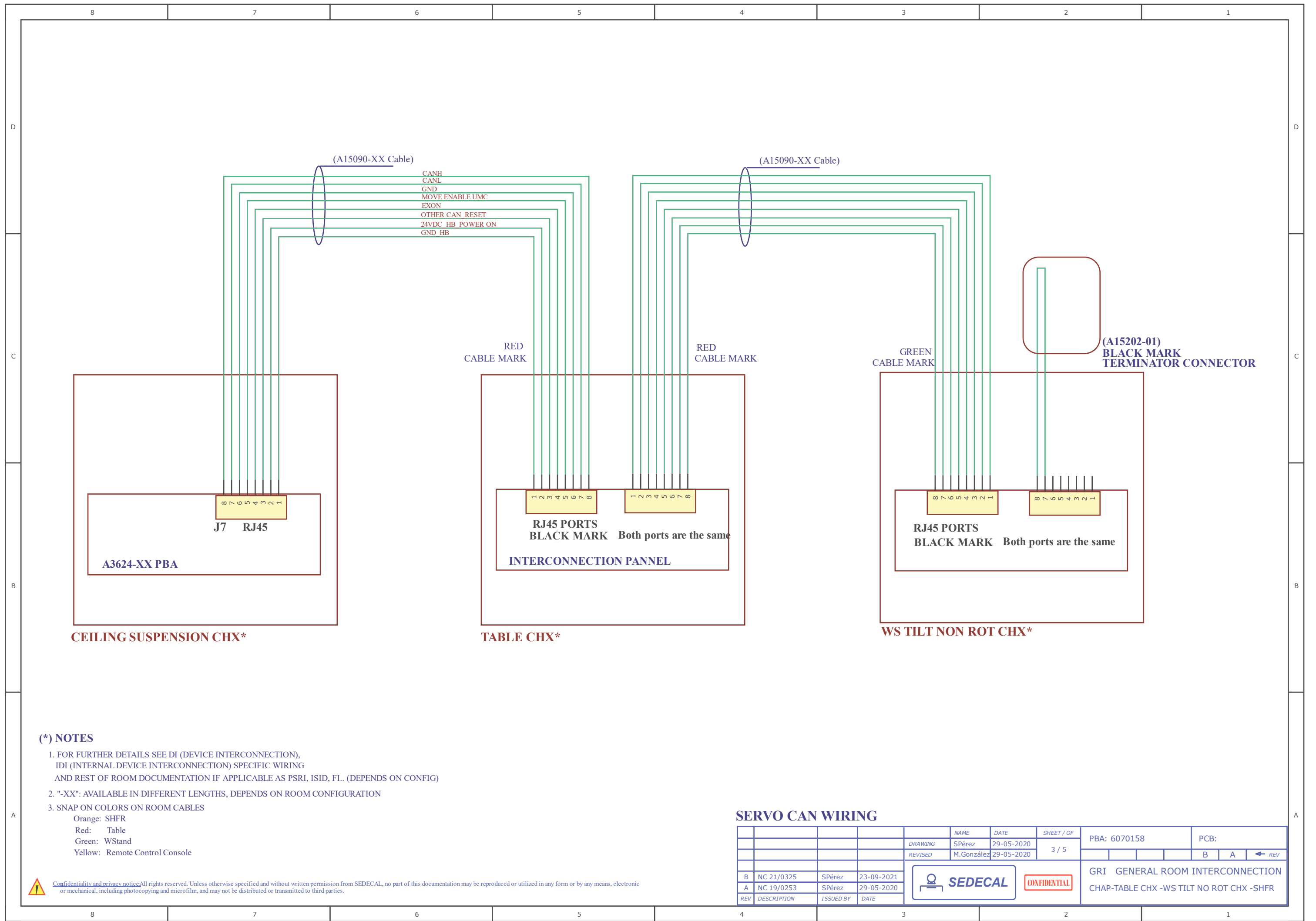
(*) NOTES

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GPIO CAN WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6070158	PCB:
				DRAWING	SPérez	29-05-2020	2 / 5	B A ← REV
				REVISED	M.González	29-05-2020		
B	NC 21/0325	SPérez	23-09-2021	SEDECAL CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT NO ROT CHX -SHFR		
A	NC 19/0253	SPérez	29-05-2020					



CANH
CANL
GND
MOVE ENABLE UMC
EXON
OTHER CAN RESET
24VDC HB POWER ON
GND HB

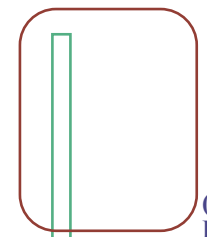
(A15090-XX Cable)

(A15090-XX Cable)

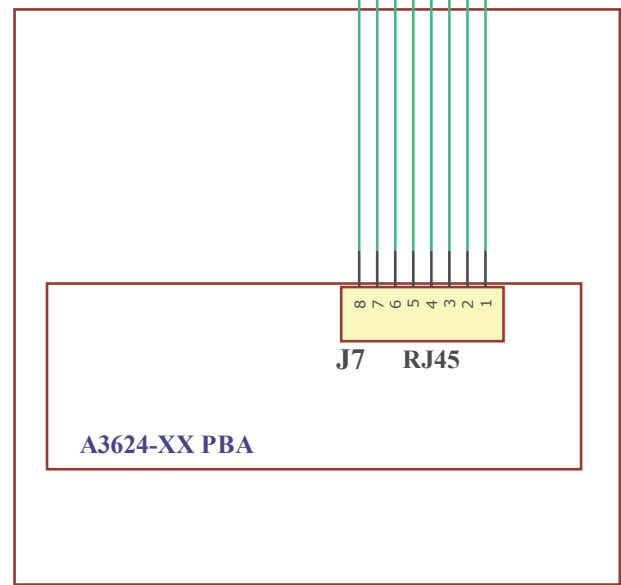
RED
CABLE MARK

RED
CABLE MARK

GREEN
CABLE MARK



(A15202-01)
BLACK MARK
TERMINATOR CONNECTOR



CEILING SUSPENSION CHX*

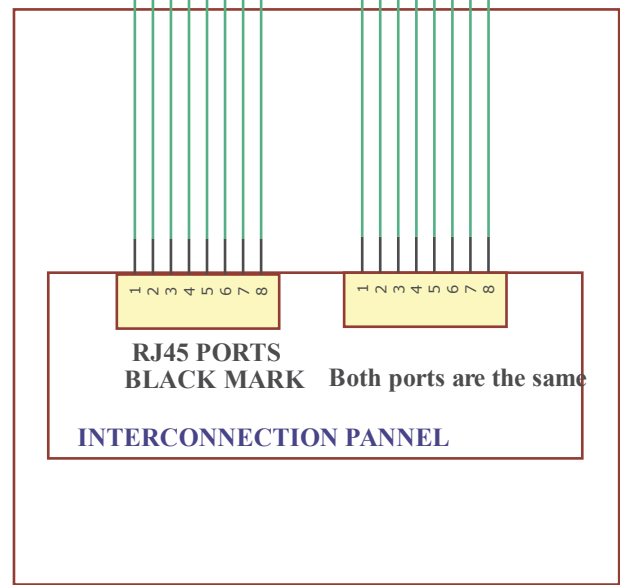
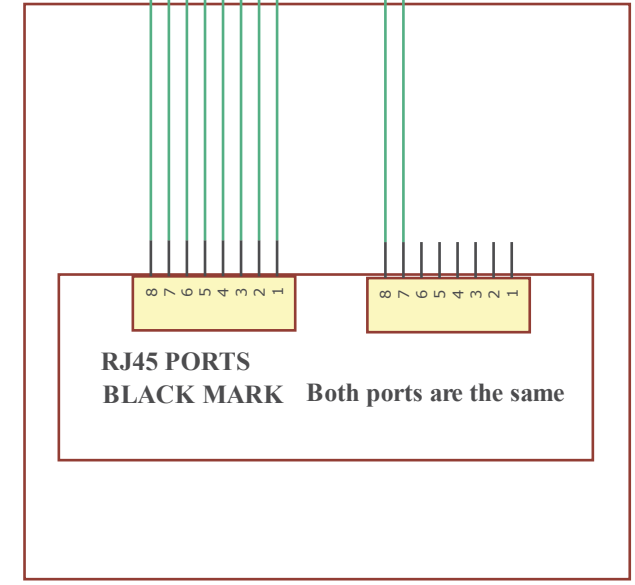


TABLE CHX*



WS TILT NON ROT CHX*

(*) NOTES

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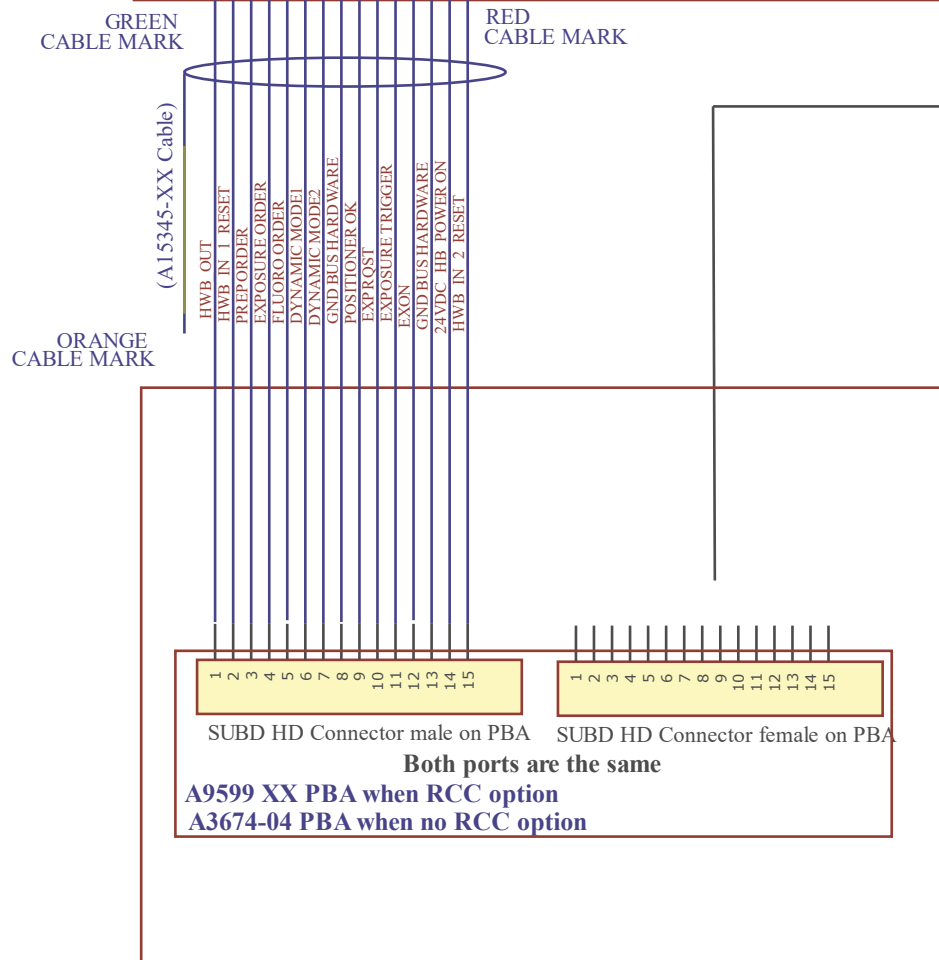
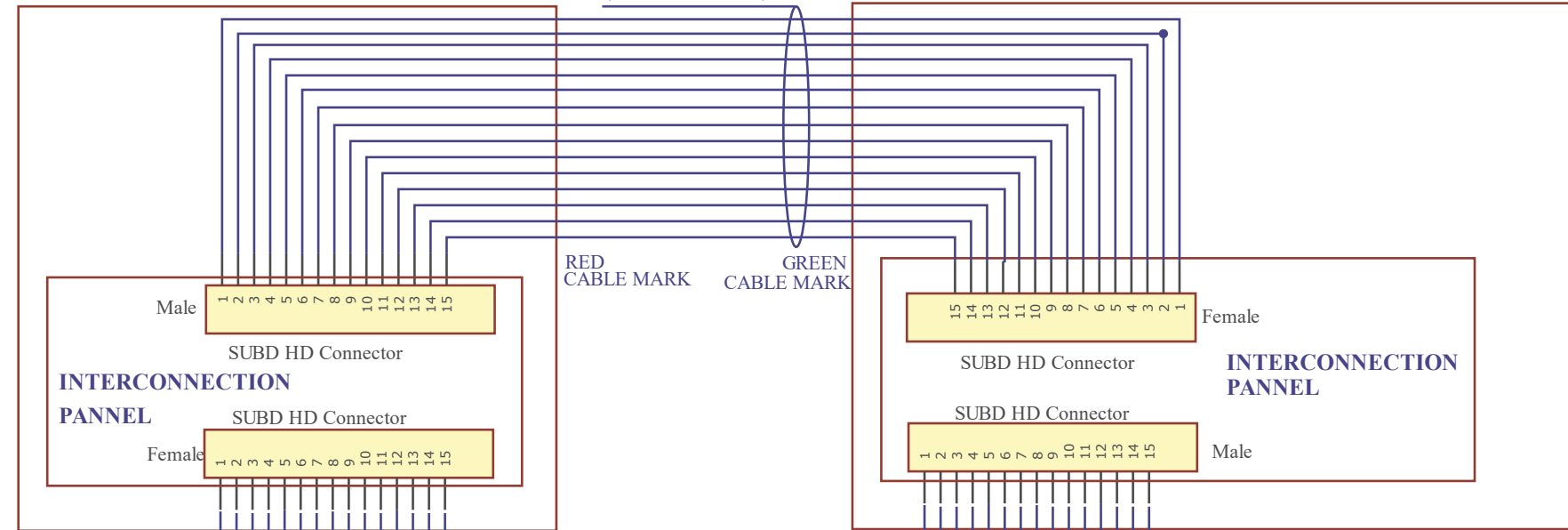
SERVO CAN WIRING

				NAME	DATE	SHEET / OF	PBA: 6070158	PCB:
				DRAWING	SPérez	29-05-2020		
				REVISED	M.González	29-05-2020	3 / 5	B A ← REV
B	NC 21/0325	SPérez	23-09-2021			GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT NO ROT CHX -SHFR		
A	NC 19/0253	SPérez	29-05-2020					
REV	DESCRIPTION	ISSUED BY	DATE					

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TABLE CHX*

WS TILT NON ROT CHX*



(Depends on room configuration)

REMOTE CONTROL CONSOLE *
For further internal details see IDI doc (DI 6005028 SCH)

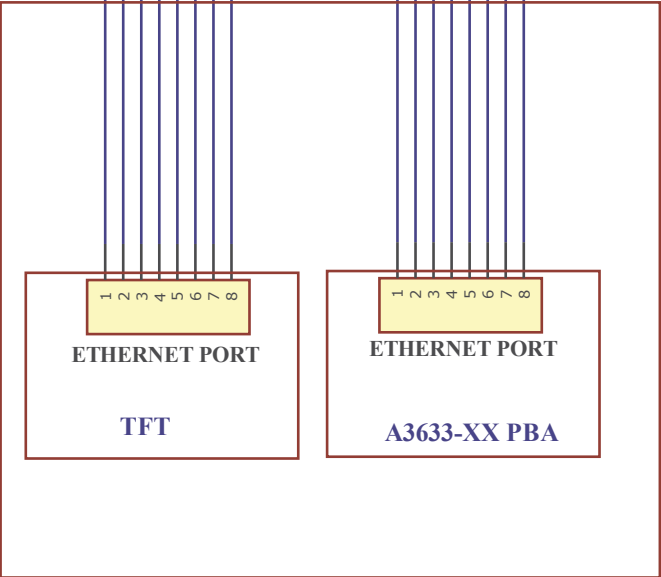
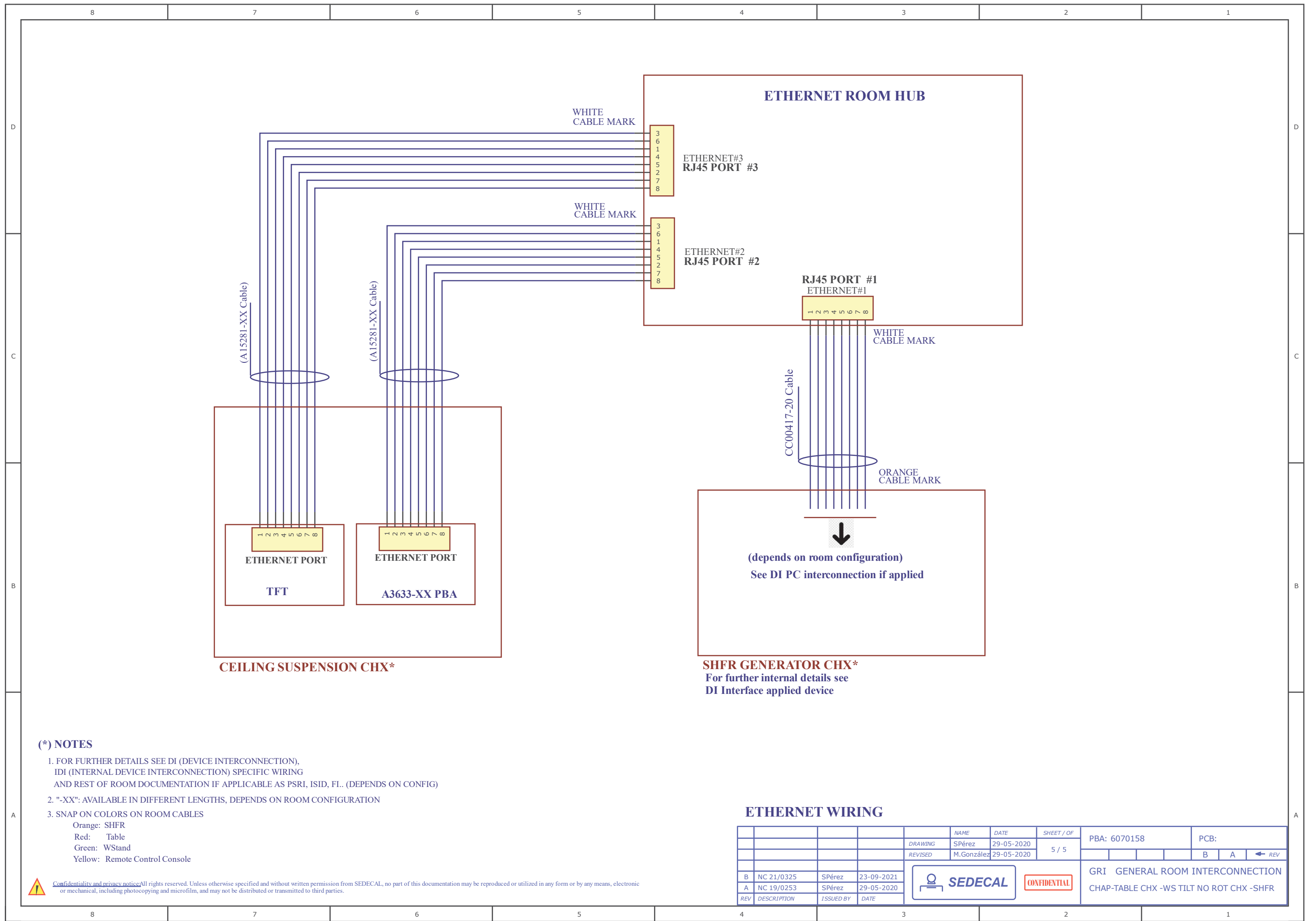
ON-OFF BOX*
For further internal details see IDI doc (DI 6070300 SCH)

- (*) NOTES**
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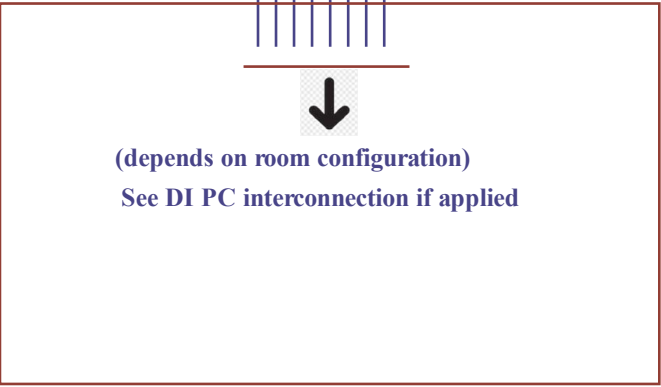
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HWB WIRING

				NAME	DATE	SHEET / OF	PBA: 6070158	PCB:
			DRAWING	SPérez	29-05-2020	4 / 5		B A ← REV
			REVISED	M.González	29-05-2020			
B	NC 21/0325	SPérez	23-09-2021	CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT NO ROT CHX -SHFR		
A	NC 19/0253	SPérez	29-05-2020					
REV	DESCRIPTION	ISSUED BY	DATE					



CEILING SUSPENSION CHX*



SHFR GENERATOR CHX*
For further internal details see
DI Interface applied device

(*) NOTES

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ETHERNET WIRING

				NAME	DATE	SHEET / OF	PBA: 6070158	PCB:
				DRAWING	SPérez	29-05-2020		
				REVISED	M.González	29-05-2020	5 / 5	B A ← REV
B	NC 21/0325	SPérez	23-09-2021			GRI GENERAL ROOM INTERCONNECTION CHAP-TABLE CHX -WS TILT NO ROT CHX -SHFR		
A	NC 19/0253	SPérez	29-05-2020					
REV	DESCRIPTION	ISSUED BY	DATE					

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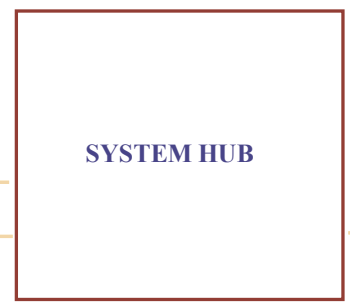
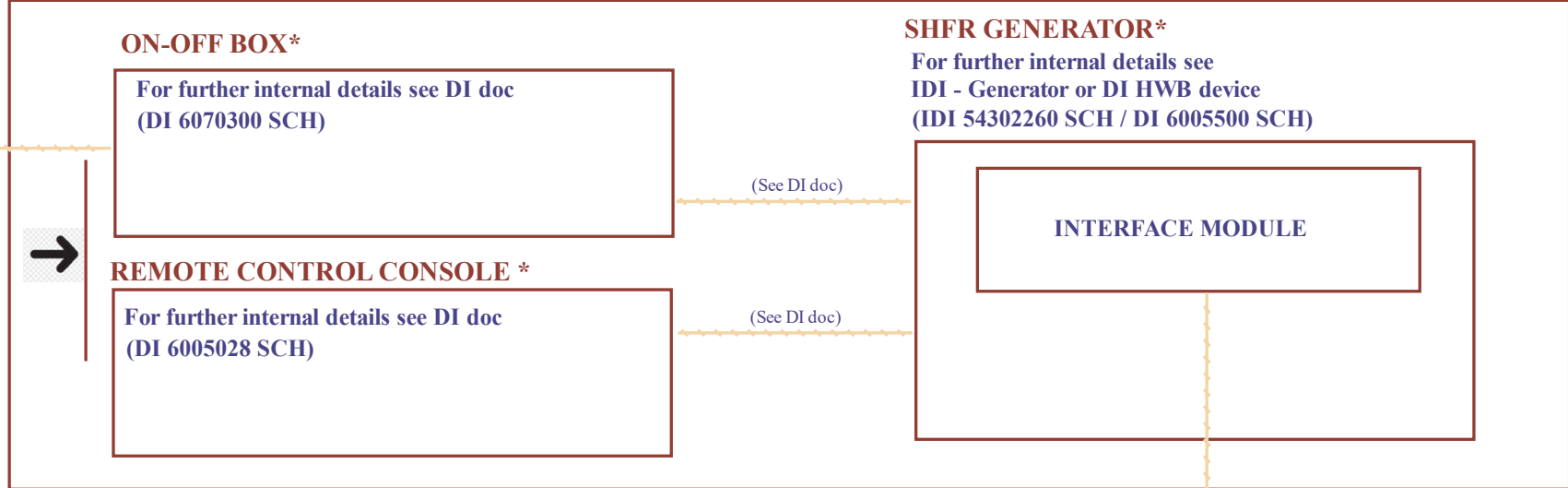
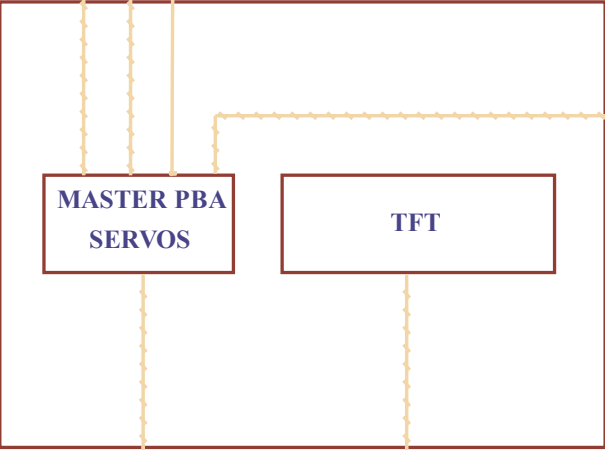
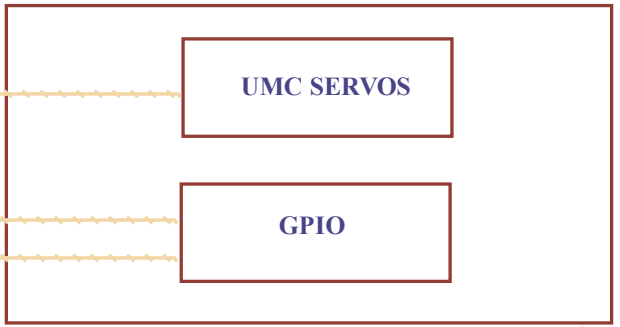
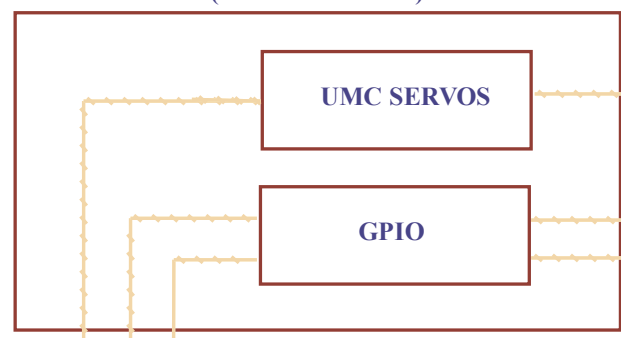
TABLE CHX* For further internal details see IDI doc (IDI 6006000 SCH)

WS NO TILT CHX* For further internal details see IDI doc (IDI 6007004 SCH)

CEILING SUSPENSION CHX* For further internal details see IDI doc (IDI 6008000 SCH)

(Depends on room configuration)

SHFR GENERATOR* For further internal details see IDI - Generator or DI HWB device (IDI 54302260 SCH / DI 6005500 SCH)



SERVO BUS (PAG3)
GPIO BUS (PAG2)
HWB BUS (PAG4)

GPIO BUS (PAG2)
HWB BUS (PAG4)
(See DI's docs)

RS232 COMM (See DI doc)

(See DI doc)

(See DI doc)

ETHERNET BUS (PAG5)
(See DI doc)

ETHERNET BUS (PAG5)

ETHERNET BUS (PAG5)

- (*) NOTES**
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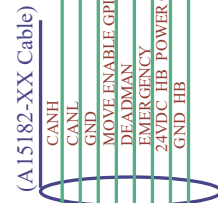
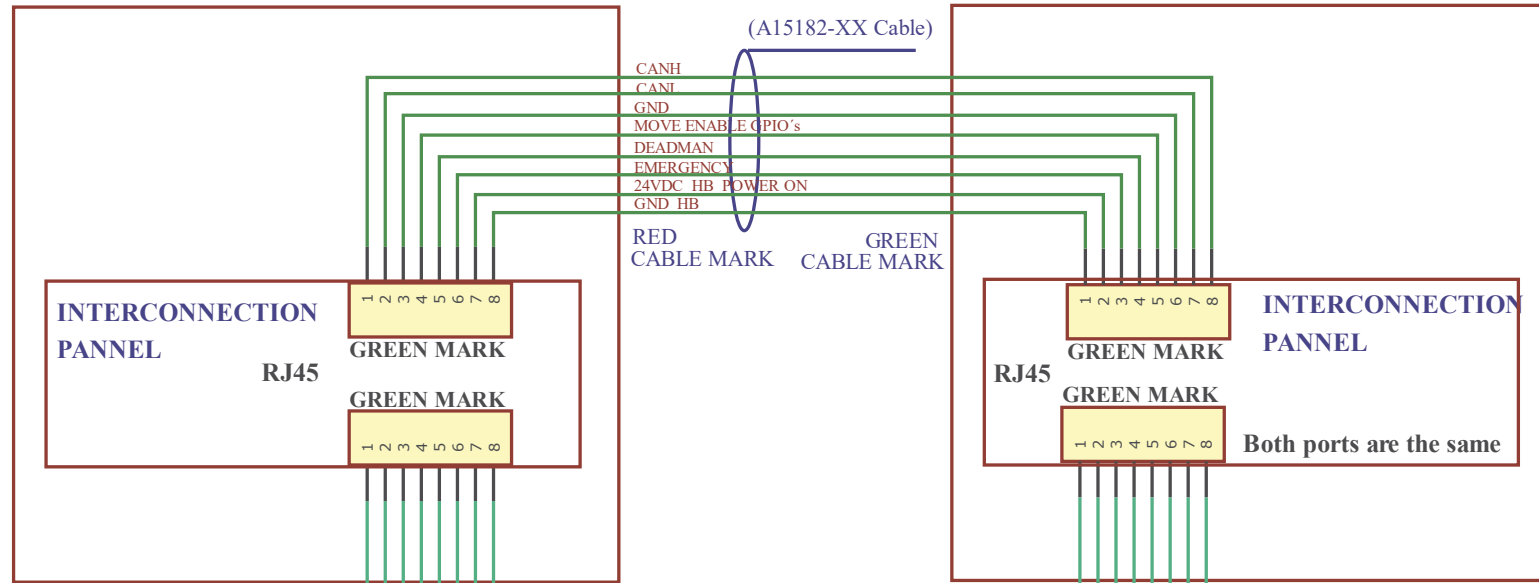
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BLOCK DIAGRAM

				NAME	DATE	SHEET / OF	PBA: 6070159	PCB: --
			DRAWING	SPérez	29-05-2020	1 / 5		
			REVISED	M.González	29-05-2020			
B	NC 21/0325	SPérez	24-09-2021	CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION		
A	NC 19/0253	SPérez	29-05-2020			CHAP- TABLE CHX - WS NO TILT CHX - SHFR		
REV	DESCRIPTION	ISSUED BY	DATE					

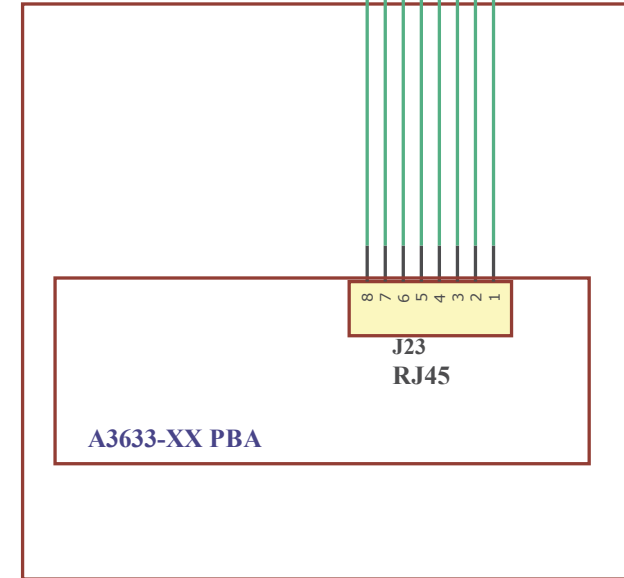
TABLE CHX*

WS NO TILT CHX*

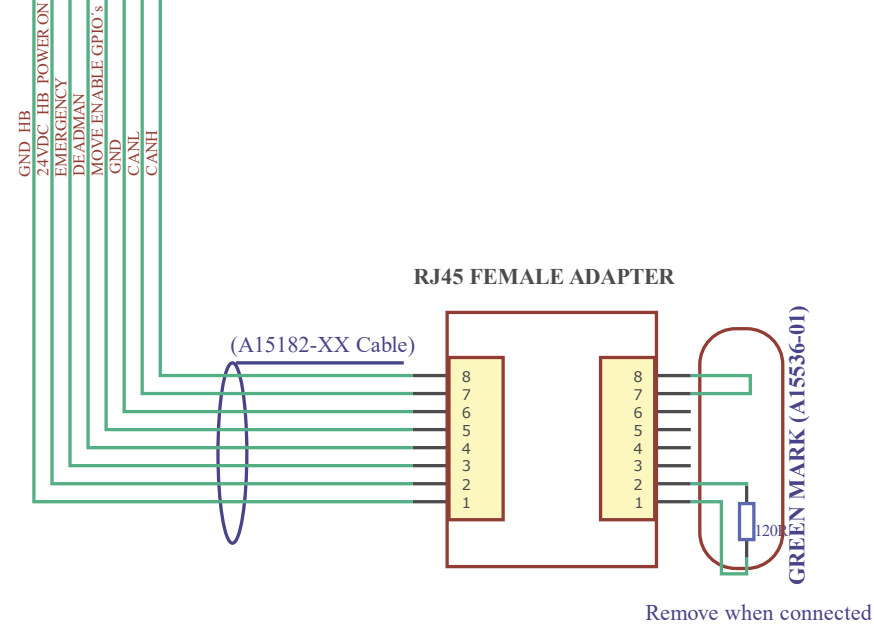


GREEN CABLE MARK

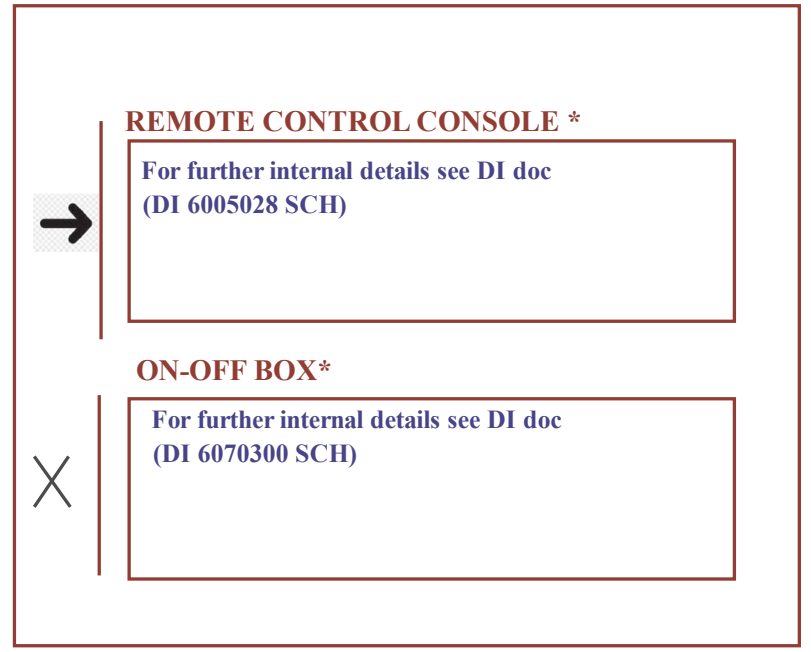
RED CABLE MARK



CEILING SUSPENSION CHX*



(Depends on room configuration)



(*) NOTES

1. FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FI.. (DEPENDS ON CONFIG)

2. "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION

3. SNAP ON COLORS ON ROOM CABLES

- Orange: SHFR
- Red: Table
- Green: WStand
- Yellow: Remote Control Console

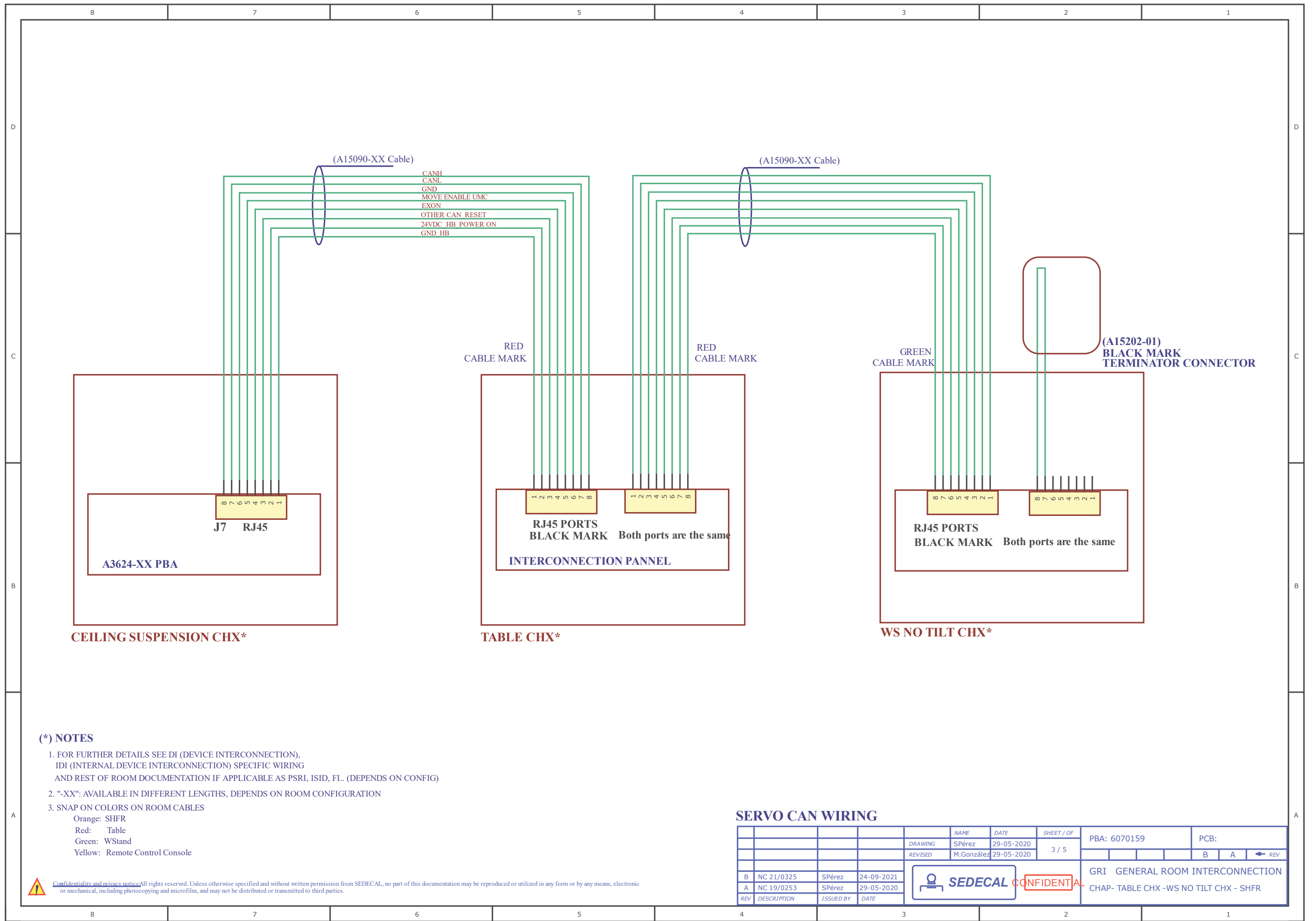
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GPIO CAN WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6070159	PCB:
B	NC 21/0325	SPérez	24-09-2021	SPérez	29-05-2020	2 / 5		B A ← REV
A	NC 19/0253	SPérez	29-05-2020	M.González	29-05-2020			



GRI GENERAL ROOM INTERCONNECTION
CHAP- TABLE CHX -WS NO TILT CHX - SHFR



(A15090-XX Cable)

CANH
 CANL
 GND
 MOVE ENABLE UMC
 EXON
 OTHER CAN RESET
 24VDC HB POWER ON
 GND HB

(A15090-XX Cable)

RED
 CABLE MARK

RED
 CABLE MARK

GREEN
 CABLE MARK

(A15202-01)
 BLACK MARK
 TERMINATOR CONNECTOR

J7 RJ45

1 2 3 4 5 6 7 8
 1 2 3 4 5 6 7 8

8 7 6 5 4 3 2 1
 8 7 6 5 4 3 2 1

A3624-XX PBA

RJ45 PORTS
 BLACK MARK Both ports are the same
 INTERCONNECTION PANNEL

RJ45 PORTS
 BLACK MARK Both ports are the same

CEILING SUSPENSION CHX*

TABLE CHX*

WS NO TILT CHX*

(*) NOTES

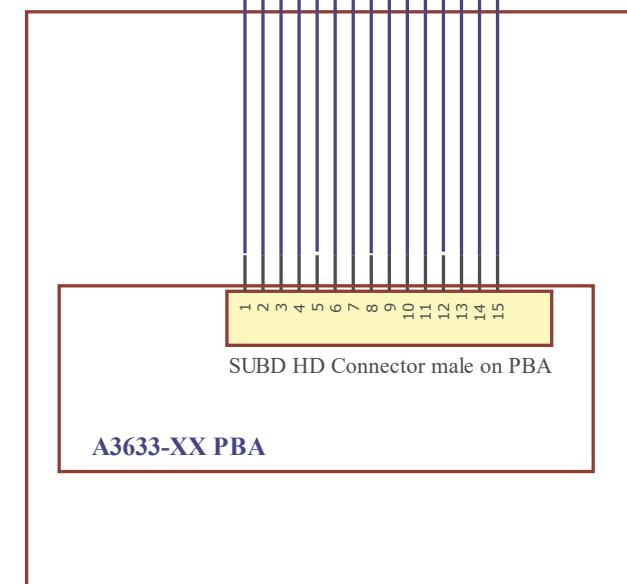
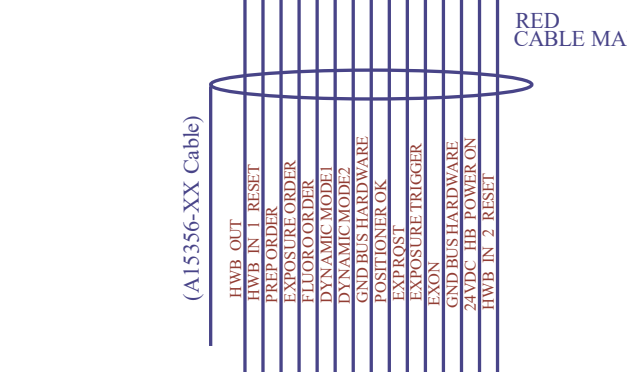
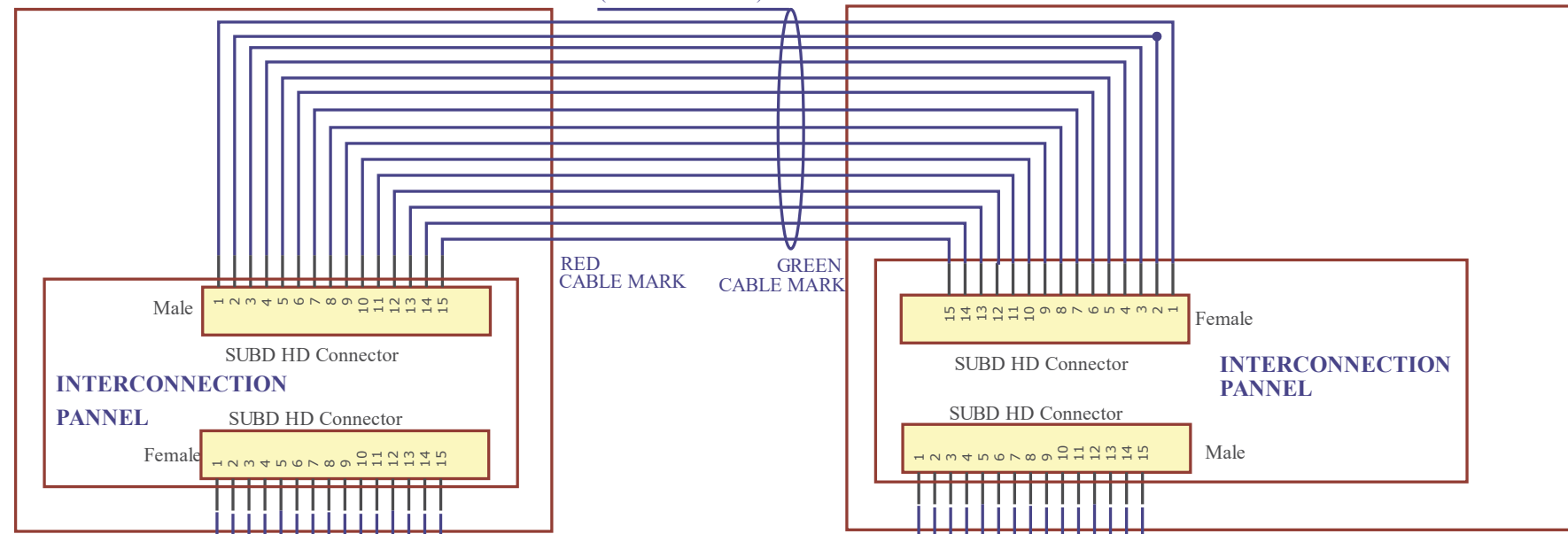
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SERVO CAN WIRING

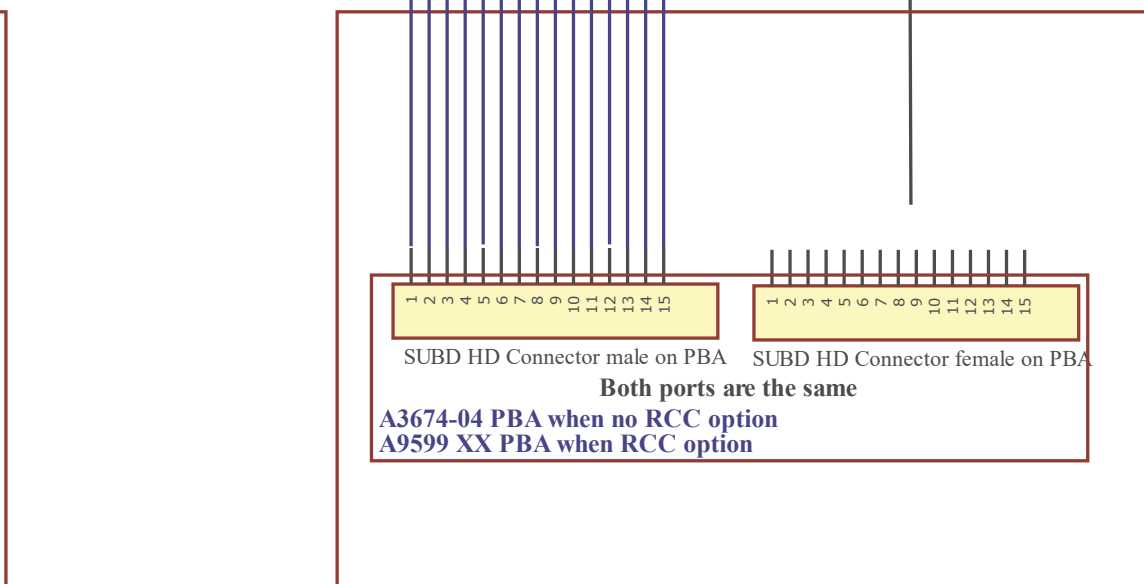
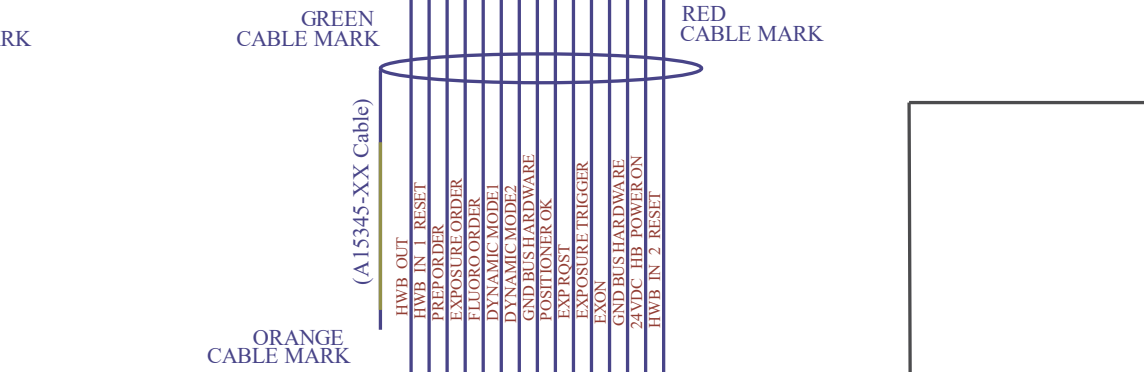
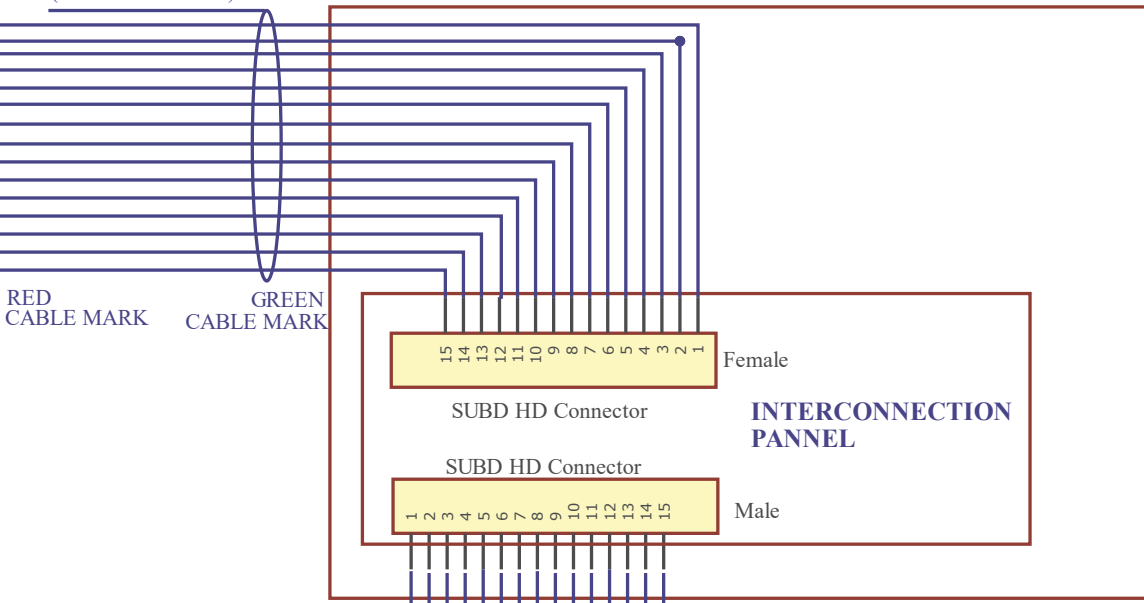
				NAME	DATE	SHEET / OF	PBA: 6070159	PCB:
			DRAWING	SPérez	29-05-2020	3 / 5		B A ← REV
			REVISED	M.González	29-05-2020			
B	NC 21/0325	SPérez	24-09-2021	CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION		
A	NC 19/0253	SPérez	29-05-2020			CHAP- TABLE CHX -WS NO TILT CHX - SHFR		
REV	DESCRIPTION	ISSUED BY	DATE					

TABLE CHX*

WS NO TILT CHX*



CEILING SUSPENSION CHX*



SHFR GENERATOR*

(Depends on room configuration)

REMOTE CONTROL CONSOLE *
For further internal details see IDI doc (DI 6005028 SCH)

ON-OFF BOX*
For further internal details see IDI doc (DI 6070300 SCH)

(*) NOTES

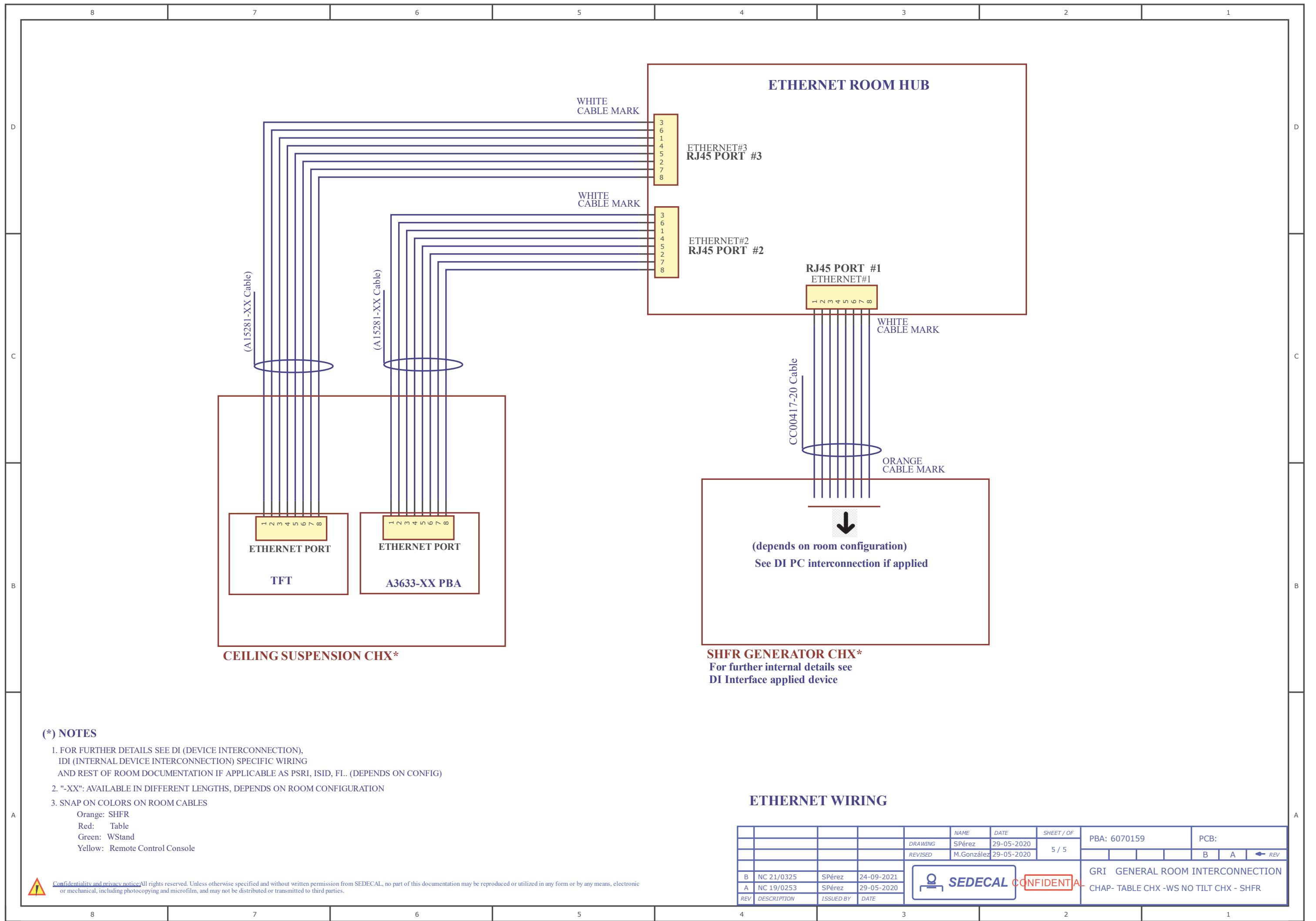
- FOR FURTHER DETAILS SEE DI (DEVICE INTERCONNECTION), IDI (INTERNAL DEVICE INTERCONNECTION) SPECIFIC WIRING AND REST OF ROOM DOCUMENTATION IF APPLICABLE AS PSRI, ISID, FI.. (DEPENDS ON CONFIG)
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HWB WIRING

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA: 6070159	PCB:
B	NC 21/0325	SPérez	24-09-2021	SPérez	29-05-2020	4 / 5		B A ← REV
A	NC 19/0253	SPérez	29-05-2020	M.González	29-05-2020			



GRI GENERAL ROOM INTERCONNECTION
CHAP- TABLE CHX -WS NO TILT CHX - SHFR



(*) NOTES

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- "-XX": AVAILABLE IN DIFFERENT LENGTHS, DEPENDS ON ROOM CONFIGURATION
- SNAP ON COLORS ON ROOM CABLES

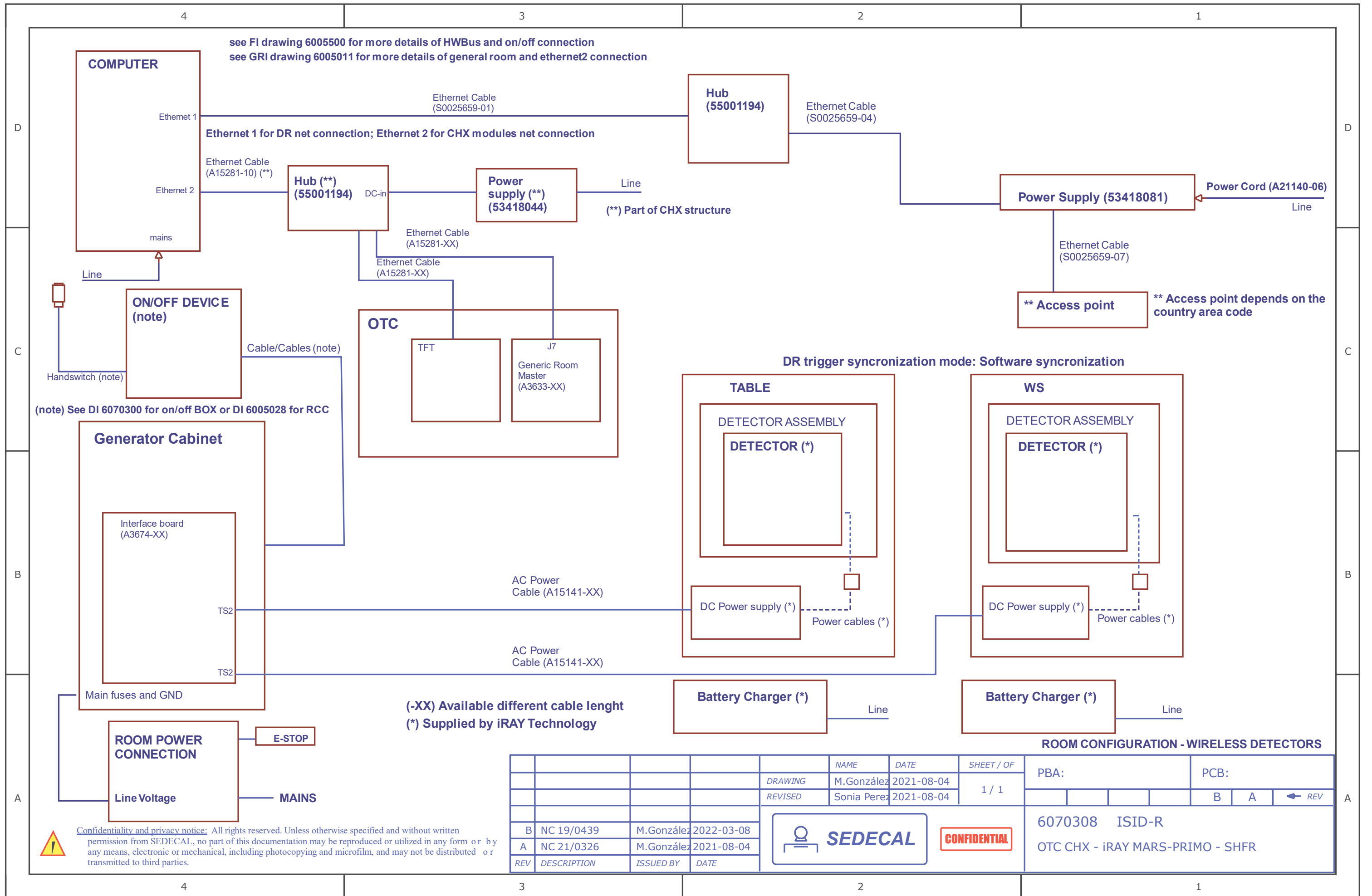
Orange: SHFR
 Red: Table
 Green: WStand
 Yellow: Remote Control Console

ETHERNET WIRING

				NAME	DATE	SHEET / OF	PBA: 6070159	PCB:
			DRAWING	SPérez	29-05-2020	5 / 5		B A ← REV
			REVISED	M.González	29-05-2020			
B	NC 21/0325	SPérez	24-09-2021	CONFIDENTIAL		GRI GENERAL ROOM INTERCONNECTION CHAP- TABLE CHX -WS NO TILT CHX - SHFR		
A	NC 19/0253	SPérez	29-05-2020					
REV	DESCRIPTION	ISSUED BY	DATE					



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ROOM CONFIGURATION - WIRELESS DETECTORS

REV	DESCRIPTION	ISSUED BY	DATE	NAME	DATE	SHEET / OF	PBA:	PCB:
				DRAWING	M.González	2021-08-04	1 / 1	B A ← REV
				REVISED	Sonia Perez	2021-08-04		
B	NC 19/0439	M.González	2022-03-08			6070308 ISID-R		
A	NC 21/0326	M.González	2021-08-04			OTC CHX - iRAY MARS-PRIMO - SHFR		



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