

City of Lynchburg
Procurement Division
900 Church Street
Lynchburg, Virginia 24504
Telephone No.: (434) 455-3970
Fax No.: (434) 845-0711

**Addendum for Invitation for Bids
Audio Visual Solution for Learning Spaces in Heritage High School
2016-051**

Date: 03/17/2016
From: Lisa Moss, Buyer VCA
RE: Addendum No. 2

This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and all previously issued Addenda on the Bid Form.

1. **Conduit is to be sealed per fire code.**
2. What are the vault sizes?
The Plenum Vaults are 2' X 2'
3. **There will be no retrofitting of classrooms.**
4. Will LCS consider separating Lot C into a hardware lot and an install lot?
No
5. **Installation can begin prior to June 1. In order to reduce install cost, it is preferred for the cabling to be completed during the month of May. Otherwise you will be responsible for removing and reinstalling ceiling tile. The Televisions cannot be mounted until the building is secured in mid-June.**
6. **The Projectors screens will be supplied and installed by the Building General Contractor.**
7. **WyreStorm is now an approved solution for this project. Specifications attached.**
8. **Lynchburg City Schools and the City of Lynchburg reserve the right, at its own discretion, to award future similar work to the selected bidder.**
9. **How will the cameras be mounted? Front or back?**
The cameras would be mounted in the middle of the room to enable viewing of both the front and rear of the room.
10. **In the labs, will the equipment be mounted to the tables?**
In the Labs the Extron equipment is planned to sit in the center table, with a WePresnet at teach table for collaboration. If you choose to bid the WyreStorm product, the equipment will be mounted in the ceiling vault.
11. **Will you accept qty 98 of NEC part number E505 instead of the V463 screen listed on the bid?**
Yes, we will accept the NEC E505 as a suitable replacement to the V463 in Lot B.
12. **WiPG-1500 is an acceptable substitution for: AWING WiPG-2000 Presentation Gateway.**
13. **INLITESHOW4 is an acceptable substitution for: AWING WiPG-2000 Presentation Gateway.**
14. **A revision has been made to Lot A: An Option to provide pricing for Recorded Classrooms has been added. This pricing is not to be included as part of the total Lot pricing. A revised Bid Sheet is attached.**

Company Name: _____ Address: _____ Date: _____

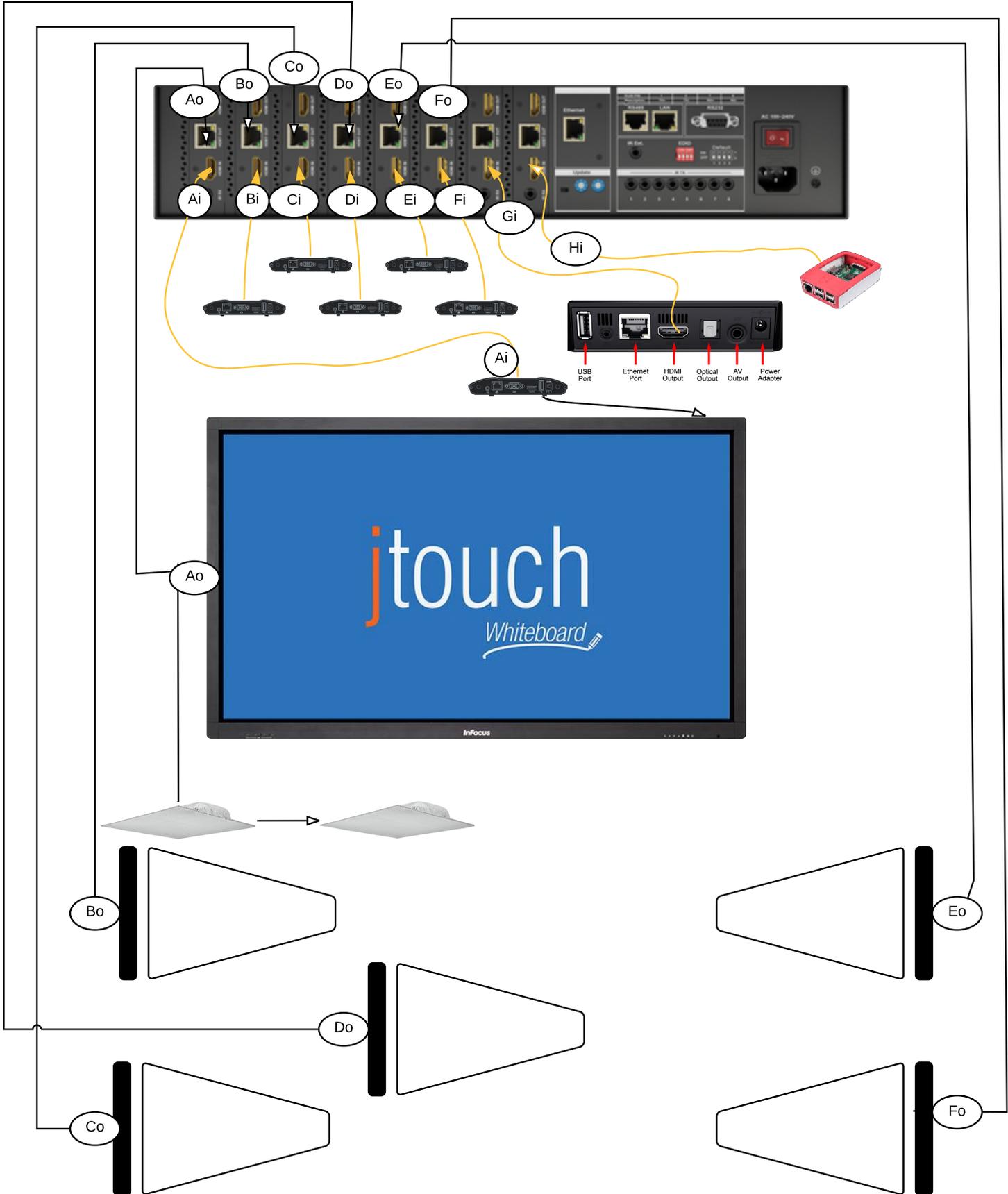
Authorized Signature: _____ Title: _____

Print Name: _____ Telephone No.: _____ Fax No.: _____

WyreStorm Equipment list for each room type.

Room Type 1			
Manufacturer	Item-no	Description	Qty
WyreStorm	MX-0808-PP-POH	8x8 HDBaseT Matrix Switcher with HDMI Mirror Outputs, 2-Way IR, Routed RS-232, PoH	1
Enado	ENA-001-010	Enado Control Solution	1
WyreStorm	AMP-001-010	HDBaseT Receiver with Integrated 2.1 Audio Amplifier	1
WyreStorm	RX-70-POH	HDBaseT™ POH Display Receiver with 2-Way IR Control and RS232	5
Chief	CMS492	Chief Plenum Rated Ceiling Enclosure Storage Box	1
Extron	40-120-03	Ceiling - 1' x 2' Drop-In, Xfmr, Pair	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	6
AWIND	SHRPOD	Share Pod	2
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB	5
Infocus	INF6501wA G	JTouch 65-inch whiteboard with anti-glare	1
Room Type 2			
Manufacturer	Item-no	Description	Qty
WyreStorm	MX-0808-PP-POH	8x8 HDBaseT Matrix Switcher with HDMI Mirror Outputs, 2-Way IR, Routed RS-232, PoH	1
Enado	ENA-001-010	Enado Control Solution	1
WyreStorm	AMP-001-010	HDBaseT Receiver with Integrated 2.1 Audio Amplifier	1
WyreStorm	RX-70-POH	HDBaseT™ POH Display Receiver with 2-Way IR Control and RS232	2
Chief	CMS492	Chief Plenum Rated Ceiling Enclosure Storage Box	1
Extron	40-120-03	Ceiling - 1' x 2' Drop-In, Xfmr, Pair	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	2
AWIND	SHRPOD	Share Pod	1
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB	2
Infocus	INF6501wA G	JTouch 65-inch whiteboard with anti-glare	1
WyreStorm	TX-SW-IW-0201	2x1 HDMI/VGA over HDBaseT Auto-Switching 2-Gang In-Wall Transmitter	1
Room Type 3			
Manufacturer	Item-no	Description	Qty
WyreStorm	MX-0808-PP-	8x8 HDBaseT Matrix Switcher with HDMI Mirror Outputs, 2-Way IR,	1

	POH	Routed RS-232, PoH	
Enado	ENA-001-010	Enado Control Solution	1
WyreStorm	AMP-001-010	HDBaseT Receiver with Integrated 2.1 Audio Amplifier	1
FSR	TS-400	FSR TS-400 Top Shelf Wall Mounted Enclosure	1
Extron	40-120-03	Ceiling - 1' x 2' Drop-In, Xfmr, Pair	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	1
AWIND	SHRPOD	Share Pod	1
Infocus	INF6501wA G	JTouch 65-inch whiteboard with anti-glare	1



ADDENDUM #2 REVISED Bid Sheet

Lot A: Hardware Cost Per Room Type

(The successful bidder of this lot will be responsible for the installation of the TV mounts and TV's. Cost associated with installation must be included in your individual install pricing for the line items listed below.)

QTY	TYPE	DESCRIPTION	INDIVIDUAL HARDWARE PRICING	INDIVIDUAL 3 YEAR WARRANTY	INDIVIDUAL INSTALL PRICING	TOTAL PRICING
5	Type 1	Type 1 Room - Minus TV and TV Mount hardware				
35	Type 2	Type 2 Room - Minus TV and TV Mount hardware				
27	Type 3	Type 3 Room - Minus TV and TV Mount hardware				
15	Direct Connect	Direct Connect - Minus TV and TV Mount hardware				
1	A25 - Forum	Type 3 Room - Minus TV and TV Mount hardware				
1	G09 - Stage	Direct Connect - Minus TV and TV Mount hardware				
1	Training	2 days onsite training	NA	NA	NA	
				TOTAL LOT A		

**** LOT A OPTIONAL ITEM: NOT TO BE INCLUDED IN LOT PRICING: ****

ROOM TYPE	Description	PRICING
1	Recorded Classroom	
2	Recorded Classroom	
3	Recorded Classroom	
Direct Connect	Recorded Classroom	

Lot B: Television and Mount Hardware

(This is for the purchase of the materials only. No Installation costs are to be included with this bid. The successful bidder for Lot A will be responsible for coordination and installation of this equipment.)

QTY	TYPE	DESCRIPTION	INDIVIDUAL PRICING	3 YEAR WARRANTY	TOTAL PRICING
68	INF6501wAG	JTouch 65-inch whiteboard TV with anti-glare and mount			
98	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB and mount			
12	E505	NEC E505 50" LED Display and mount			
1	PA622U Room A25	NEC Projector with NP13ZL lens and mount –Front Projection			
1	PA622U Room G09	NEC Projector with NP13ZL			

		lens and mount –Rear Projection			
1	Training	2 days onsite training	NA	NA	NA
TOTAL LOT B:					\$

Lot C: Video Wall, Digital Signage, Software, License, and Install Cost							
Qty	Manufacture	Item-no	Description	INDIVIDUAL PRICING	3 YEAR WARRANTY	INSTALL PRICING	TOTAL PRICING
1	NEC	X46UNV-TMX9P	NEC 3X3 VIDEO WALL				
6	NEC	V552	55" LED COMMERCIAL DISPLAY				
6	NEC	V463	46" LED COMMERCIAL DISPLAY				
16	NEC	OPS-PCIB-PS	OPS PC W/INTEL BOARD				
1	NEC	H97-TWR-NEC-CTL	CONTROL NODE				
1	NEC	H97-TWR-NEC-STM	STREAMER NODE HARDWARE				
1	NEC	AS203WMI-BK	20" WS LED BACKLIT IPS LCD				
6	NEC	WMK-3257	WALL MOUNT 32"-65"				
1	HIPERWALL	HWST-CTRL	HIPERWALL STD CTRL LIC				
1	HIPERWALL	HWST-CTRL2	HIPERWALL SECONDARY CONTROL LIC				
15	HIPERWALL	HWST-DISP	HIPERWALL STD SENDER LIC				
5	HIPERWALL	HWST-SEND	HIPERWALL STD SENDER LIC				
1	HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y				
1	HIPERWALL	HWST-CTRL-SUB	HIPERWALL CTRL SUB UPDATES 1Y				
1	HIPERWALL	HWST-CTR2-SUB	HIPERWALL SECONDARY CONTROL SUB				
15	HIPERWALL	HWST-DISP-SUB	HIPERWALL DISPLAY SUB UPDATES 1Y				
5	HIPERWALL	HWST-SEND-SUB	HIPERWALL SEND SUB STD ED 1Y				
1	HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y				
1	N/A	TRAINING	2 DAY ONSITE TRAINING	N/A	N/A	N/A	
TOTAL LOT C							\$

NOTES:

1. The quantities listed are estimated quantities only. Lynchburg City Schools reserves the right to decrease and/or increase the quantities listed as necessary.
2. Award will be made by Lot.

Appendix A - Classroom Type 1 Collaboration Lab (Parts List)

Below is a reference listing of expected hardware for at Type 1 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Plenum Vault	1
Extron	60-997-01	HDMI DA2	5
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	6
AWIND	SHRPOD	Share Pod	2
Extron	60-1208-02	TLP-01	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	40-120-03	FF120 2 X 4 speaker	2
Extron	60-841-03	SW6 HDMI	1
Extron	60-999-01	HDMI DA6	1
Extron	60-1071-02	IPCP-505	1
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB	5
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare	1

Appendix B - Classroom Type 2 (Parts list)

Below is a reference listing of expected hardware for at Type 2 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Plenum Vault	1
Extron	60-997-01	HDMI DA2	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	2
AWIND	SHRPOD	Share Pod	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-600-02	MLC- 226IP	1
Extron	60-998-01	HDMI DA4	1
Extron	40-120-03	FF120 2 X 4 speaker	2
Extron	60-841-22	Four Input Switcher	
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB and one wall mount	2
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare and wall mount	1

Appendix C - Classroom Type 3 (Parts List)

Below is a reference listing of expected hardware for at Type 3 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Wallvault	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	1
AWIND	SHRPOD	Share Pod	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-600-02	MLC- 226IP	1

Extron	40-120-03	FF120 2 X 4 speaker	2
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare and wall mount	1

Appendix D - Direct Connect Room (Parts List)

Below is a reference listing of expected hardware for at Direct Connect room.

Manufacture	Item-no	Description	Qty
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	1
AWIND	SHRPOD	Share Pod	1
NEC	E505	NEC E505 50" LED Display and wall mount	1

Appendix E - Video Wall (Parts List)

Below is a listing of expected hardware for the video wall and digital signage. This is NOT a BID SHEET.

Manufacture	Item-no	Description	Qty
NEC	X46UNV-TMX9P	NEC 3X3 VIDEO WALL	1
NEC	V552	55" LED COMMERCIAL DISPLAY	6
NEC	V463	46" LED COMMERCIAL DISPLAY	6
NEC	OPS-PCIB-PS	OPS PC W/INTEL BOARD	16
NEC	H97-TWR-NEC-CTL	CONTROL NODE	1
NEC	H97-TWR-NEC-STM	STREAMER NODE HARDWARE	1
NEC	AS203WMI-BK	20" WS LED BACKLIT IPS LCD	1
NEC	WMK-3257	WALL MOUNT 32"-65"	6
HIPERWALL	HWST-CTRL	HIPERWALL STD CTRL LIC	1
HIPERWALL	HWST-CTRL2	HIPERWALL SECONDARY CONTROL LIC	1
HIPERWALL	HWST-DISP	HIPERWALL STD SENDER LIC	15
HIPERWALL	HWST-SEND	HIPERWALL STD SENDER LIC	5
HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y	1
HIPERWALL	HWST-CTRL-SUB	HIPERWALL CTRL SUB UPDATES 1Y	1
HIPERWALL	HWST-CTR2-SUB	HIPERWALL SECONDARY CONTROL SUB	1
HIPERWALL	HWST-DISP-SUB	HIPERWALL DISPLAY SUB UPDATES 1Y	15
HIPERWALL	HWST-SEND-SUB	HIPERWALL SEND SUB STD ED 1Y	5
HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y	1

Appendix F- Classrooms

Breakdown of rooms. Cable lengths are estimations only. It is the contractor's responsibility to ensure all necessary cables are the correct length and necessary components are quoted for a turn-key install.

Room	HDMI I 3ft	HDMI I 10ft	HDMI I 35ft	HDMI I AOC 50ft	HDMI I AOC 100ft	Extron	65" Touch TV	46" TV	50" TV	TV Mount (L)	TV Mount (S)	Front Projector	Rear Projection
A02	3	2	3	1		TYPE2	1			1	1		
A03	3	2	3	1		TYPE2	1	2		1	1		
A04	3	6	8	2		TYPE1	1	5		1			
A05	3	2	3	1		TYPE2	1	2		1	1		
A10	1		1			direct connect			1		1		
A12	3	2	3	1		TYPE2	1	2		1	1		
A13	3	2	3	1		TYPE2	1	2		1	1		
A14	3	2	3	1		TYPE2	1	2		1	1		
A15	3	2	3	1		TYPE2	1	2		1	1		
A17	3	1	1			TYPE3	1			1			
A18	3	1	1			TYPE3	1			1			
A19	3	1	1			TYPE3	1			1			

A22	1		1			direct connect			1		1		
A25	1	1			1	TYPE3 *							1
B02	3	1	1			TYPE3	1			1			
B03	3	1	1			TYPE3	1			1			
B05	1		1			direct connect			1		1		
B11	3	2	3	1		TYPE2	1	2		1	1		
B12	3	2	3	1		TYPE2	1	2		1	1		
B13	3	2	3	1		TYPE2	1	2		1	1		
B14	3	6	8	2		TYPE1	1	5		1			
C09	3	2	3	1		TYPE2	1	2		1	1		
C10	3	2	3	1		TYPE2	1	2		1	1		
C11	3	2	3	1		TYPE2	1	2		1	1		
C15	1		1			direct connect			1		1		
C16	3	6	8	2		TYPE1	1	5		1			
C17	3	2	3	1		TYPE2	1	2		1	1		
C18	3	2	3	1		TYPE2	1	2		1	1		
C20	3	1	1			TYPE3	1			1			
C23	3	1	1			TYPE3	1			1			
C26	3	1	1			TYPE3	1			1			
D04	1		1			direct connect			1		1		
D13	1		1			direct connect			1		1		
D34	3	1	1			TYPE3	1			1			
D38	1		1			direct connect			1		1		
D40	3	2	3	1		TYPE2	1	2		1	1		
D41	3	2	3	1		TYPE2	1	2		1	1		
D42	3	2	3	1		TYPE2	1	2		1	1		
E16	3	1	1			TYPE3	1			1			
E17	3	1	1			TYPE3	1			1			
E33	3	1	1			TYPE3	1			1			
G09					1	direct connect *							1
H3	3	1	1			TYPE3	1			1			
H4	3	1	3		1	TYPE2	1	2		1	1		
H5	3	1	3		1	TYPE2	1	2		1	1		
H7	1		1			direct connect			1		1		
H8	3	1	1			TYPE3	1			1			
H10	3	1	1			TYPE3	1			1			
H12	1		1			direct connect			1		1		
H19	3	1	1			TYPE3	1			1			
H22	3	1	1			TYPE3	1			1			
J02	3	1	1			TYPE3	1			1			
J03	3	1	1			TYPE3	1			1			
J04	3	1	1			TYPE3	1			1			
J06	3	1	3		1	TYPE2	1	2		1	1		
J07	3	1	3		1	TYPE2	1	2		1	1		
J08	3	1	3		1	TYPE2	1	2		1	1		

J09	3	5	8		2	TYPE1	1	5		1			
J10	1		1			direct connect			1			1	
J16	3	5	8		2	TYPE1	1	5		1			
J17	3	1	3		1	TYPE2	1	2		1		1	
J18	3	1	3		1	TYPE2	1	2		1		1	
J19	3	1	3		1	TYPE2	1	2		1		1	
K03	3	1	1			TYPE3	1			1			
K04	3	1	1			TYPE3	1			1			
K06	3	1	1			TYPE3	1			1			
K08	1		1			direct connect			1			1	
K11	3	1	1			TYPE3	1			1			
K13	3	1	1			TYPE3	1			1			
K15	3	1	3		1	TYPE2	1	2		1		1	
K16	3	1	3		1	TYPE2	1	2		1		1	
K18	3	1	3		1	TYPE2	1	2		1		1	
K19	3	1	3		1	TYPE2	1	2		1		1	
L02	3	1	1			TYPE3	1			1			
L03	3	1	1			TYPE3	1			1			
L04	3	1	3		1	TYPE2	1	2		1		1	
L05	3	1	3		1	TYPE2	1	2		1		1	
L07	1		1			direct connect			1			1	
L10	3	1	3		1	TYPE2	1	2		1		1	
L11	3	1	3		1	TYPE2	1	2		1		1	
L12	3	1	3		1	TYPE2	1	2		1		1	
L18	3	1	1			TYPE3	1			1			
L20	1		1			direct connect		1					
L21	1		1			direct connect		1					
L22	1		1			direct connect		1					