



## **LEGAL NOTICE**

### **INVITATION TO SUBMIT QUOTATIONS**

The Town of Smyrna will accept sealed quotations for the purchase and installation of broadcast equipment for its Cable Channel. Vendors must be a licensed contractor with the State of Tennessee. A mandatory pre-bid conference will take place at 315 S. Lowry St., Smyrna at 10:00a.m. January 6, 2015. Vendors shall submit sealed quotations in the format specified in the Invitation to Submit Quotations no later than 10:00 a.m. January 15, 2015 at which time quotations will be publicly opened and read aloud. No bid may be withdrawn after the scheduled closing time for a period of 90 days. Bidding documents may be obtained at Smyrna Town Hall during regular business hours or [www.townofsmyrna.org](http://www.townofsmyrna.org). Quotations should be mailed or hand delivered to:

Rex S. Gaither  
Smyrna Town Hall  
**Sealed Proposal on Purchase & Installation of  
Broadcast Equipment  
January 15, 2015 @ 10:00 a.m.**  
315 South Lowry Street  
Smyrna, TN 37167

Verbal quotations, faxed quotations or quotations received after the closing date will not be accepted. The Town of Smyrna reserves the right to reject any and all bids, to waive technicalities or formalities and to accept any bid deemed to be in the best interest of the Town.

The Town of Smyrna will not discriminate in the purchase of all goods and services on the basis of race, color, religion, sex, national origin, age, disability or any other lawfully protected classification.

SUBMITTED BY: REX S. GAITHER  
FINANCE DIRECTOR

TO BE RUN: December 23, 2014

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## **SECTION I - GENERAL INFORMATION**

- A. The Town of Smyrna desires to accept quotations for the purchase of video broadcast equipment and installation for the Town's Government Access Cable Channel. Vendors must be a licensed contractor with the State of Tennessee.

Smyrna Town Hall location:

315 South Lowry Street

Smyrna, TN 37167

Questions should be directed to John Lanza (615) 355-5703, e-mail: john.lanza@townofsmyrna.org.

- B. The Town of Smyrna reserves the right to reject any and all bids, to waive technicalities or informalities and to accept any bid deemed to be in the best interest of the Town. No bid may be withdrawn after the scheduled closing time for a period of 90 days.
- C. The bidder shall abide by and comply with the true intent of the specifications and not take advantage of any unintentional error or omission, but shall fully address the full intent and meaning of each aspect of the specifications.
- D. Section II, III and IV shall be completed and included as an integral part of each bidders proposal.
- E. Freight shall be paid by vendor and should be included in unit price bid.
- F. The Town is a tax exempt organization.
- G. Mail is delivered after 11:00 a.m. Monday through Friday.
- H. The Town of Smyrna, in accordance with Title VI of the Civil Rights Act of 1964 and Title 49, Code of Federal Regulations, hereby notifies all Bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, creed, sex, handicap or national origin in consideration for an award.
- I. Bid quotations must be submitted on the Town's quotation page(s). No exceptions.

## **SECTION II – SPECIFICATIONS FOR VIDEO BROADCAST EQUIPMENT**

The Town wishes to purchase and install new broadcast equipment from qualified integrators and vendors for the Town's Government Access Cable Channel. This project should include a price for new items requested and installation of those items in addition to installation of equipment already purchased by the Town. Vendors must be a licensed contractor with the State of Tennessee. Bidding will be accordance with the Tennessee General Contractor's License Law. Bidders shall place their bid in an envelope showing the bidder's name, license number, expiration date, and that part of classification applying to the bid on the outside of the envelope in accordance with T.C.A. § 62-6-119. Bids not conforming with this provision shall be disqualified. Laws and procedures can be found at <http://www.tn.gov/regboards/contractors/law.shtm/>.

A mandatory pre-bid conference will take place on Tuesday, January 6, 2015 at 10:00 a.m. This will take place at Town Hall, 315 South Lowry St., Smyrna, Tennessee. All questions submitted after that date will be responded to via electronic mail with copies to all vendors who attend pre-bid conference. These responses will be sent as soon as possible. The deadline for submitting questions is January 12, 2015 by 10:00 am.

Bidders must quote the entire package, the installation and other items needed. All vendors are required to submit itemized pricing on this bid document. Integrators must be capable of startup of all listed equipment and must also provide a minimum of three similar reference projects with current contact names and phone numbers of recently-completed projects (within the last 36 months). Integrators must provide a performance bond in the amount of 100 percent of quoted price before award of contract. Detailed documentation of all software and hardware requirements must be submitted with the vendor's response to this RFP.

### **SCOPE OF WORK**

The overall scope of this project is to upgrade our existing broadcast facility from NTSC to SD-SDI (with future pathway available to HD-SDI). We have a project design that the integrators will use for the installation of this project. We broadcast live and recorded programming, as well as a video bulletin board messaging system. Most of the equipment projected for this upgrade has already been purchased and is listed here:

#### **Production Room**

<u>Equipment</u>	<u>Manufacturer</u>	<u>Item</u>
Switcher	Ross	Carbonite 1-A-16
CG Upgrade to HD	Harris	TitleOne AE Software Upgrade to HD
DVD Recorder	JVC	JVC SR-HD2500US

#### **Master Control**

<u>Equipment</u>	<u>Manufacturer</u>	<u>Item</u>
Automation System	Tightrope Media	CBL-SXHDLE
Video Bulletin Boards	Tightrope Media	Carousel CG330
DVD Jukebox	Sony	BDP-CX7000ES
Video Router	Sierra Video	Lassen 1616HDS

Media Hub Pro  
IM-CQ-DVB-EN-10CH

Media Hub Pro-02 (includes SD Key)  
DVB-ASI 4 Port Encoder

Installation shall include all necessary equipment, racks, wiring, cabling, connectors, parts add-on devices and labor to make all components of the system operational and in full accordance with manufacturer's specifications.

All equipment provided under this bid shall be new with original packaging and papers.

Manufacturer's warranties shall be provided.

Vendor must submit a detailed timeline for the project.

All pricing must be applicable for ninety (90) days after date of bid opening.

### **CONTRACT AGREEMENT**

Successful bidder will be expected to enter into a contract Agreement with the Town of Smyrna. Agreement shall be signed, but not dated, by the proper business representative and submitted upon request.

### **BONDS**

The successful vendor shall furnish 100% surety bonds as security for faithful performance of this contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract. The bond must be written by a surety or insurance company listed on the U.S. Department of the Treasury financial management service list of approved bonding companies at the time the bond is provided. The surety or insurance company must be licensed to do business as a surety or insurer with the State of Tennessee. The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner.

### **INSURANCE REQUIREMENTS**

The Vendor shall purchase and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, its agents, representatives, employees or subcontractors.

#### **A. MINIMUM SCOPE AND LIMITS OF INSURANCE**

##### **1. Workers Compensation**

Workers Compensation insurance shall be in compliance with the Workers Compensation law of the State of Tennessee. Employers Liability is included with a minimum limit of \$500,000 per accident/per disease/per employee.

**2. Commercial General Liability**

Commercial General Liability insurance shall have a minimum limit per occurrence of \$1,000,000 and a minimum general aggregate of \$2,000,000.

**3. Automobile Liability**

Automobile Liability Insurance shall have a minimum combined single limit per occurrence of \$1,000,000. This insurance shall include third-party bodily injury and property damage liability for owned, hired and non-owned automobiles. It shall also include coverage for loading and unloading hazards.

**B. DEDUCTIBLES AND SELF-INSURED RETENTIONS**

Any deductibles or self-insured retentions must be declared to the Town of Smyrna. The Vendor shall be responsible for all deductibles and self-insured retentions.

**C. OTHER INSURANCE PROVISIONS**

The policies are to contain, or be endorsed to contain, the following provisions:

**1. General Liability and Automobile Liability Coverages**

- a. The Town, its elected and appointed officials, agents, employees and volunteers shall be named as an additional insured as regards negligence by the vendor.
- b. The Vendor's insurance shall be primary as respects the Town, its elected and appointed officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Town of Smyrna shall be excess and non-contributory of the Vendor's insurance.

**2. Workers Compensation and Employers Liability Coverage**

The insurer shall agree to waive all rights of subrogation against the Town, its elected and appointed officials, agents, employees and volunteers for losses arising from work performed by the Vendor for the Town of Smyrna.

**3. All Coverages**

- a. Prior to commencement of services, the Vendor shall furnish the Town with original certificates and amendatory endorsements effecting required coverage.
- b. Such insurance shall be maintained from the time services commence until services are completed. Failure to maintain or renew coverage or to provide evidence of renewal may be treated by the Town as a material breach of contract.
- c. Replacement certificates, policies and endorsements shall be provided to the Town for any such insurance expiring prior to the completion of services.
- d. Coverage shall not be canceled, suspended, or voided by either party (the Vendor or the insurer) or reduced in coverage or in limits except after 30 days

written notice has been given to the Town of Smyrna. Ten-day written notice of cancellation is acceptable for non-payment of premium. Notifications shall comply with the standard cancellation provisions in the Vendor's policy.

- e. The insurance companies issuing the policies shall have no recourse against the Town of Smyrna for payment of premiums or for assessments under any form of the policies.
- f. Neither the acceptance of the completed work nor the payment thereof shall release the Vendor from the obligations of the insurance requirements or indemnification agreement.
- g. Any failure of the Vendor to comply with reporting provisions of the policy shall not affect coverage provided to the Town, its elected and appointed officials, agents, employees and volunteers.

#### **D. ACCEPTABILITY OF INSURERS**

All required insurance shall be provided by a company or companies licensed to conduct business in the State of Tennessee. All insurance must be underwritten by insurers with an A.M. Best Company ratings of no less than an A.

#### **E. VERIFICATION OF COVERAGE**

The Vendor shall furnish the Town with Certificates of Insurance reflecting proof of required coverage. The Certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The Certificates are to be received and approved by the Town before work commences and upon any contract renewal thereafter.

Failure of the Vendor to purchase and/or maintain any required insurance shall not relieve the Vendor from any liability or indemnification under the contract.

The Town reserves the right to request complete certified copies of all required insurance policies at any time.

#### **F. SUBCONTRACTORS**

Vendor shall include all subcontractors as insureds under its policies OR shall be responsible for verifying and maintaining the Certificates provided by each subcontractor. Subcontractors shall be subject to all of the requirements stated herein. The Town of Smyrna reserves the right to request copies of subcontractor's Certificates at any time.

#### **G. WORKERS' COMPENSATION INDEMNITY**

In the event Vendor is not required to provide or is exempt from providing workers' compensation coverage, the parties hereby agree that Vendor, its owners, agents and employees will have no cause of action against, and will not assert a claim against the Town of Smyrna, its elected and appointed officials, agents, employees and volunteers, under any circumstances. The parties also hereby agree that the

Town of Smyrna, its elected and appointed officials, agents, employees and volunteers shall in no circumstance be, or considered as, the employer or statutory employer of Vendor, its owners, agents and employees. The parties further agree that Vendor is a wholly independent vendor and is exclusively responsible for its employees, owners, and agents. Vendor hereby agrees to protect, defend, indemnify and hold the Town of Smyrna, its elected and appointed officials, agents, employees and volunteers harmless from any such assertion or claim that may arise from the performance of this contract.

**INDEMNITY REQUIREMENT:**

The vendor further agrees to protect, defend, and save the Town its elected and appointed officials, agents, employees and volunteers while working in the scope of their duties as such, harmless from and against all claims, demands, and causes of action of any kind of character, including the cost of their defense, arising in favor of the vendor's employees or third parties on account of bodily or personal injuries, death or damage to property arising out of services performed or omissions of services or in any way resulting from the acts of omissions of the vendor and/or its agents, employees, subcontractors, representative of the Town under this agreement.

Pursuant to Tennessee Attorney General Opinion 93-01, the Town will not indemnify, defend or hold harmless in any fashion the Vendor or from any claims arising from any failure, regardless of any language in any attachment or other document that the Vendor may provide.

**SECTION III – PRICE QUOTATION**

Area – Production

<u>Quantity</u>	<u>Manufacturer</u>	<u>Model/ Description</u>	<u>Price</u>	<u>Total</u>
1	Ross	SEA-8003A/ Serial Equalizing Amplifier (143,177,270,360 Mb)	\$ _____	\$ _____
2	Samsung	UN28H4500AFXZA 28" LED TV for Multi-viewer	\$ _____	\$ _____
1	Panasonic	AW-HE120W 1/3" 3 MOS Imager PTZ Camera (White)	\$ _____	\$ _____

Area – Master Control

1	Ross	UDA-8005 Analog Video Utility Distribution Amplifier (BB Ref)	\$ _____	\$ _____
1	BlackMagic	SmartView HD 17" SDI Monitor	\$ _____	\$ _____
1	BlackMagic	Mini Converter SDI to Audio Audio Deembedder (SXLE HD)	\$ _____	\$ _____
1	BlackMagic	Mini Converter Audio to SDI Audio Embedder (SXLE HD)	\$ _____	\$ _____
1	Quatech	USR604 4 Port USB to RS-232/422/485 Converter (SXLE HD)	\$ _____	\$ _____
1		Equipment Rack	\$ _____	\$ _____

Cost of Installation \$ \_\_\_\_\_

**Total Cost of All Items and Installation** \$ \_\_\_\_\_

The cost of installation includes all necessary equipment and labor to make all video broadcast equipment operational and in full accordance with manufacturer's specifications.



## **AGREEMENT**

This Agreement is made and entered into as of this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by and between \_\_\_\_\_, a \_\_\_\_\_ (the “Bidder”) and the Town of Smyrna, Tennessee, a Tennessee municipal corporation (the “Town”) for the purpose of video broadcast equipment.

**WHEREAS**, the Bidder has submitted a quotation for the provision of certain products and/or services to the Town, all in accordance with the terms of the Invitation to Submit Quotations attached hereto and incorporated herein by reference as if set forth at length verbatim as Exhibit A (the “ISQ”), and which Quotation from the Bidder is attached hereto and incorporated herein by reference as if set forth at length verbatim as Exhibit B (the “Quotation”); the ISQ and the Quotation, together with any and all ancillary documents thereto, shall be collectively referred to herein as the “Bid Documents”); and

**WHEREAS**, the Town now desires to accept the Bidder’s quotation, in accordance with the terms set forth in such Bid Documents.

**NOW, THEREFORE**, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby agree as follows:

1. Acceptance of Bid Documents. The terms of the Bid Documents, as incorporated herein by reference, are hereby accepted by the parties hereto. The Bidder hereby agrees to provide the goods and/or services contemplated by such Bid Documents in accordance with the terms set forth therein. The Town hereby accepts the Bidder’s quotation to provide the goods and/or services contemplated by such Bid Documents in accordance with the terms set forth therein.

2. Entire Agreement. This Agreement, including the exhibits and any other documents referred to herein or therein, which form a part hereof, contains the entire understanding of the parties with respect to its subject matter. There are no restrictions, agreements, promises, warranties, covenants or undertakings other than those expressly set forth herein or therein. This Agreement supersedes all prior written or oral agreements and understandings between the parties with respect to its subject matter and may not be altered, modified or amended, in whole or in part, except by the express written authorization and consent of the parties hereto.

3. Severability. This agreement constitutes the product of negotiations of the parties hereto and any enforcement of hereof will be interpreted in a neutral manner and not more strongly against any party based upon the source of the draftsmanship of this Agreement. If any provision of this Agreement shall be held invalid or unenforceable by a court of competent jurisdiction, the remaining provisions hereof shall continue to be fully effective.

4. Limitation of Liability. The Town of Smyrna shall not be liable for any loss, claim, expense or damage caused by, contributed to by or arising out of the acts or omission of Bidder or third parties, whether negligent or otherwise.

5. Warranties. The Bidder warrants to the Town that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all work will be of good quality, free from faults and defects, suitable for the purpose for which the materials and equipment are furnished, and in conformance with the Agreement. All work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

6. Governing Law. This Agreement shall be deemed to have been executed and delivered within the State of Tennessee, and the rights and obligations of the parties shall be construed and enforced in accordance with, and governed by, the laws of the State of Tennessee.

7. Applicable Law / Choice of Forum and Venue. The parties' choice of forum and venue shall be exclusively in the courts of Rutherford County, Tennessee. Any provision of the Agreement held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force.

**IN WITNESS WHEREOF,** the undersigned have executed this Agreement as of the date set forth above.

**BIDDER:**

\_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_

ATTEST:

\_\_\_\_\_

TOWN OF SMYRNA, TENNESSEE

By: \_\_\_\_\_  
Name: Mary Esther Reed  
Title: Mayor

ATTEST:

\_\_\_\_\_  
Dianne Waldron, Town Clerk

**SECTION IV - SPECIFICATIONS COMPLIANCE**

Unless otherwise noted, all quotations for the Video Broadcast Equipment project shall be in complete accordance with the specifications detailed herein.

Bidders shall note in the space provided below any exceptions or deviations in any way from the specifications of any section of this ISQ. Quotations should provide complete detail of exceptions or deviations.

	<u>Proposal Exceptions</u>
Section	Brief Description
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

By signature below, bidder acknowledges any quotation to be in full compliance with all aspects of each section of the ISQ not noted above. The undersigned hereby declares that no person or party other than the undersigned have any interest whatever in this proposal, that it is without any connection or collusion with any person or persons making or having made any proposal for the same work and without any previous understanding with such person or persons as to relative prices, obviating competition, and that it is made in good faith.

\_\_\_\_\_  
COMPANY

\_\_\_\_\_  
FAX NUMBER

\_\_\_\_\_  
REPRESENTATIVE NAME & TITLE

\_\_\_\_\_  
TELEPHONE NUMBER

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
E-MAIL ADDRESS

# Town of Smyrna

315 S Lowry Street  
Smyrna, TN 37167

**2014 Up Grade**

Version  
2014 Full HD Up Grade 08-14-2014.vsd



Media / Broadcast Integration  
and Technical Services, Inc.

210 Hill Avenue Suite B Nashville, TN 37210  
615.259.7880 FAX 615.259.7887

**INFORMATION CONTAINED WITHIN AND/OR ATTACHED IS CONFIDENTIAL,  
AND IS THE INTELLECTUAL PROPERTY OF M/BITS AND AS SUCH, THIS  
INFORMATION MAY NOT BE USED FOR ANY PURPOSE OTHER THAN  
REVIEW WITHOUT WRITTEN PERMISSION FROM M/BITS, INC.**

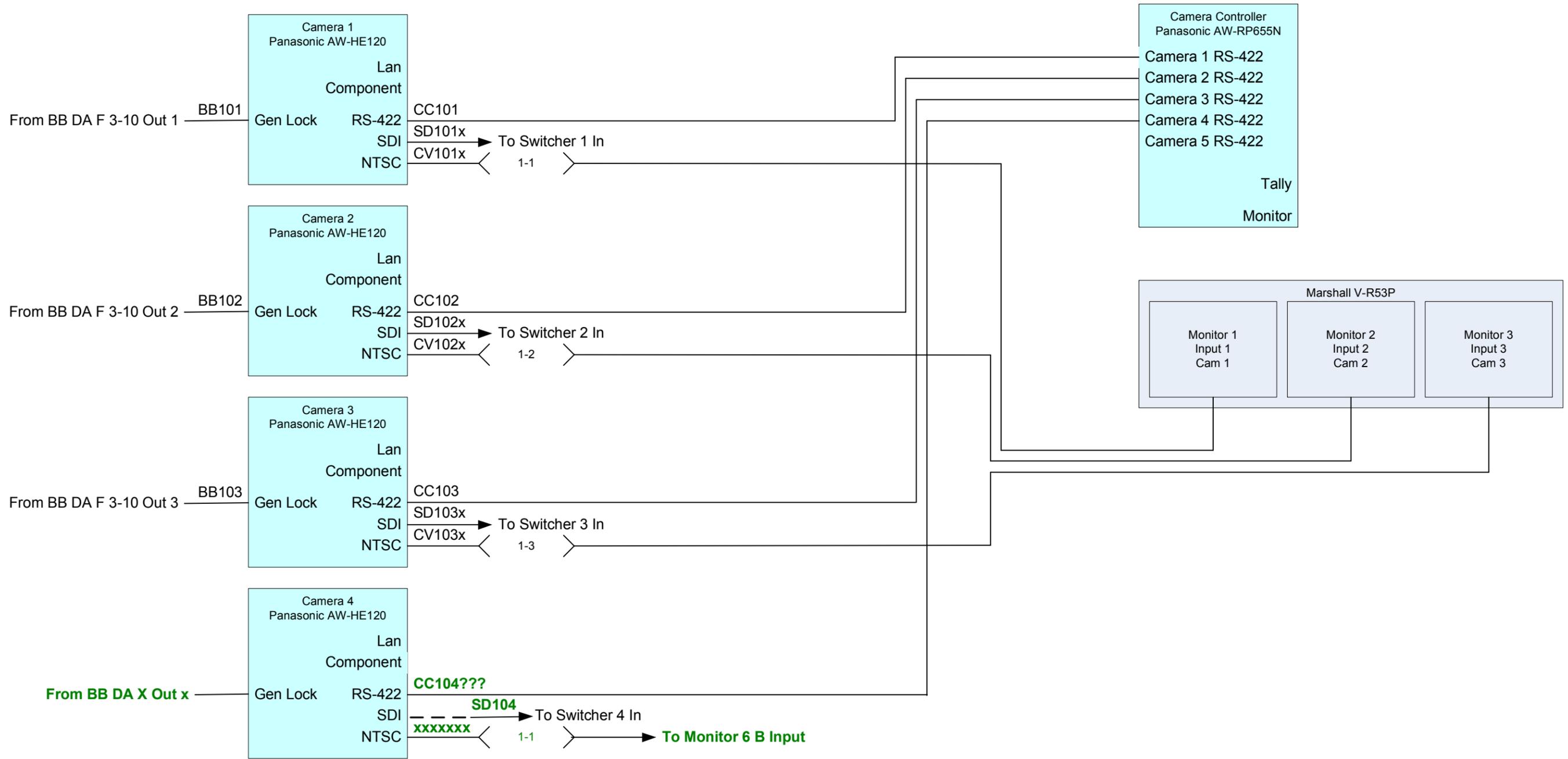
These drawings were built from the existing as built drawings

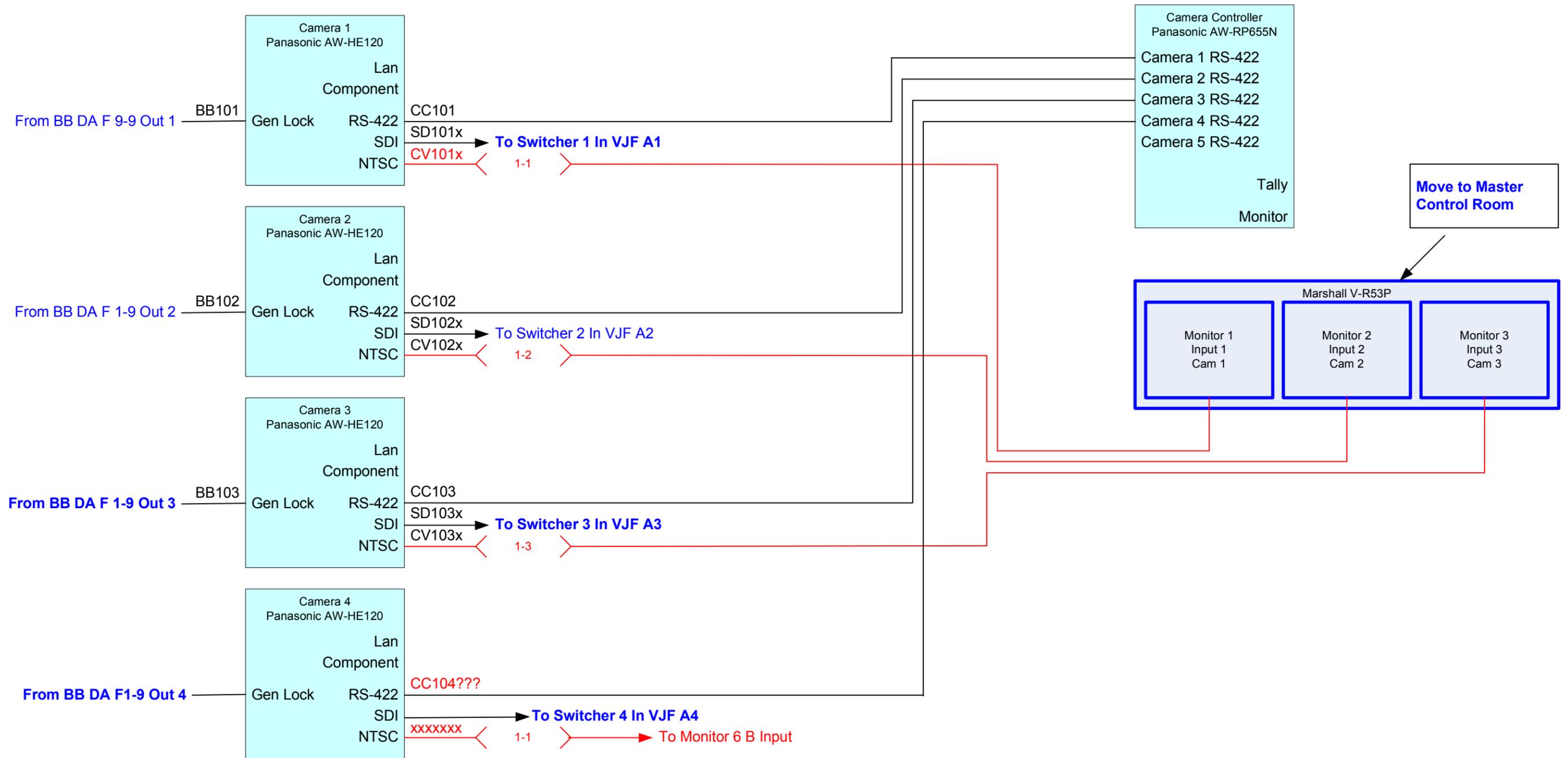
Items in **RED** are to be removed questions or unknowns

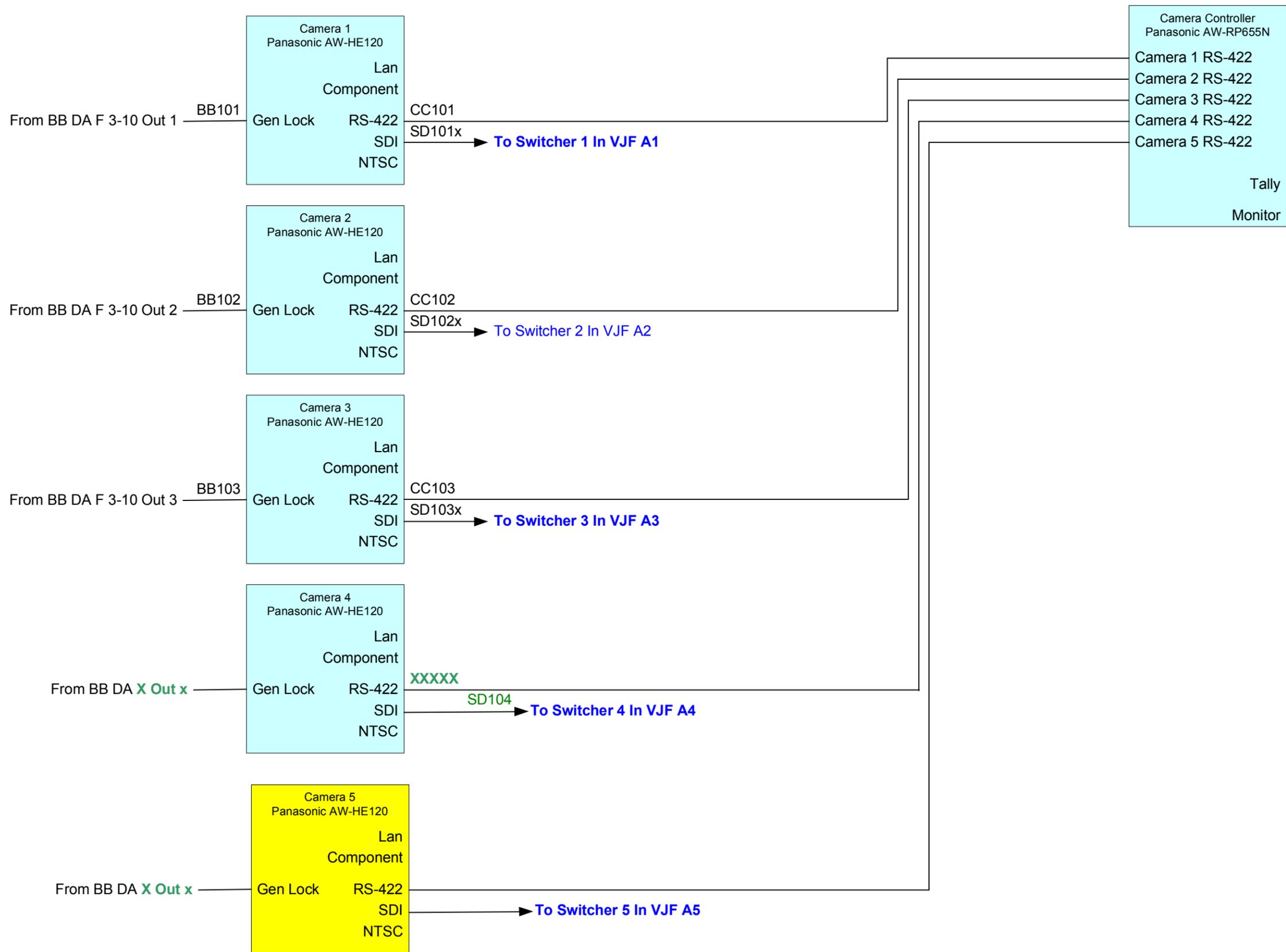
Items in Yellow are new equipment

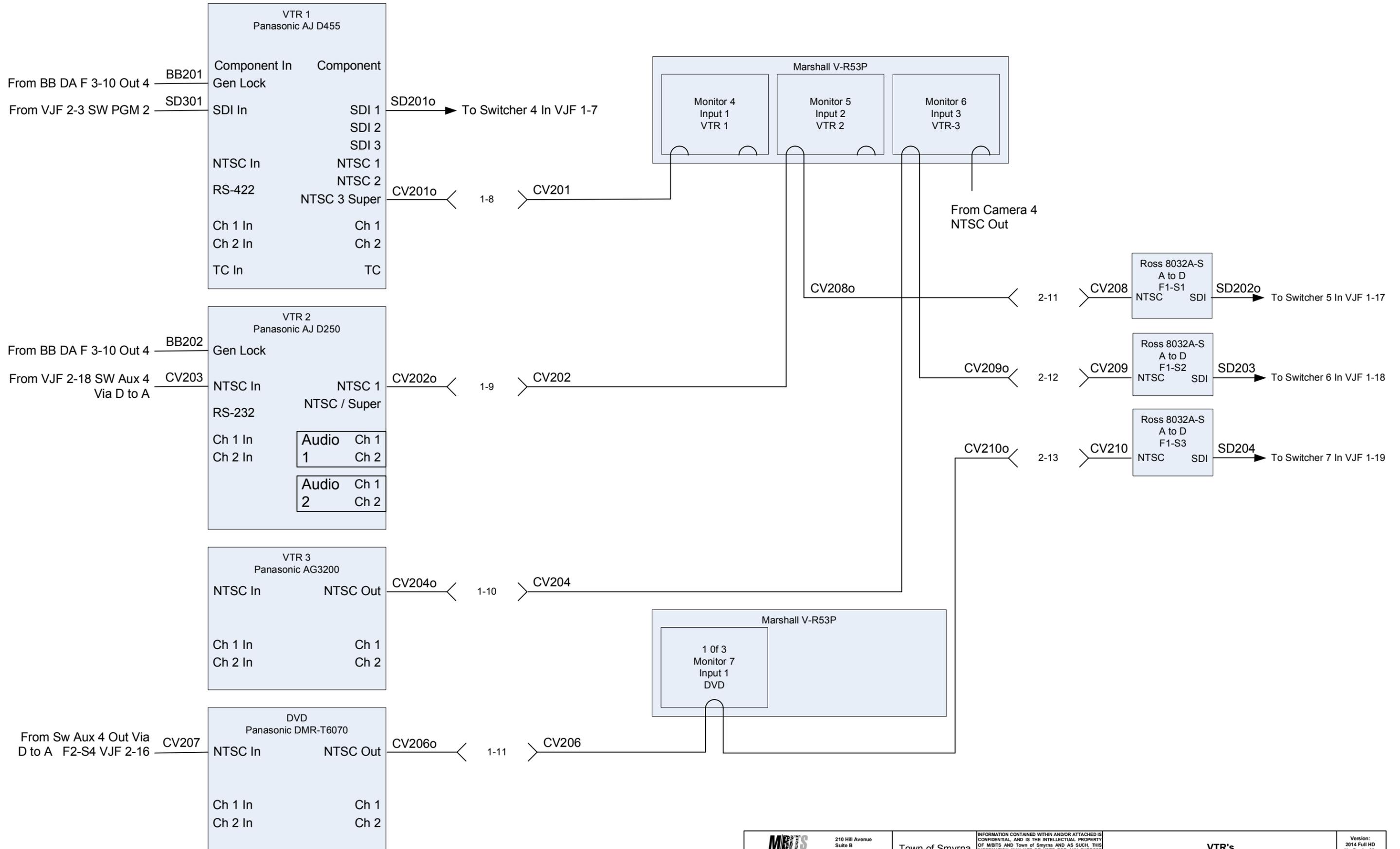
Connection between the production control room and Master control.  
There is a stereo analog audio from the mixer that needs to be moved to the new  
RTR in MC. Pull in new coax for Switcher out, Black, Bars and reference. Belden  
Belden 1649 plenum if needed or equivalent

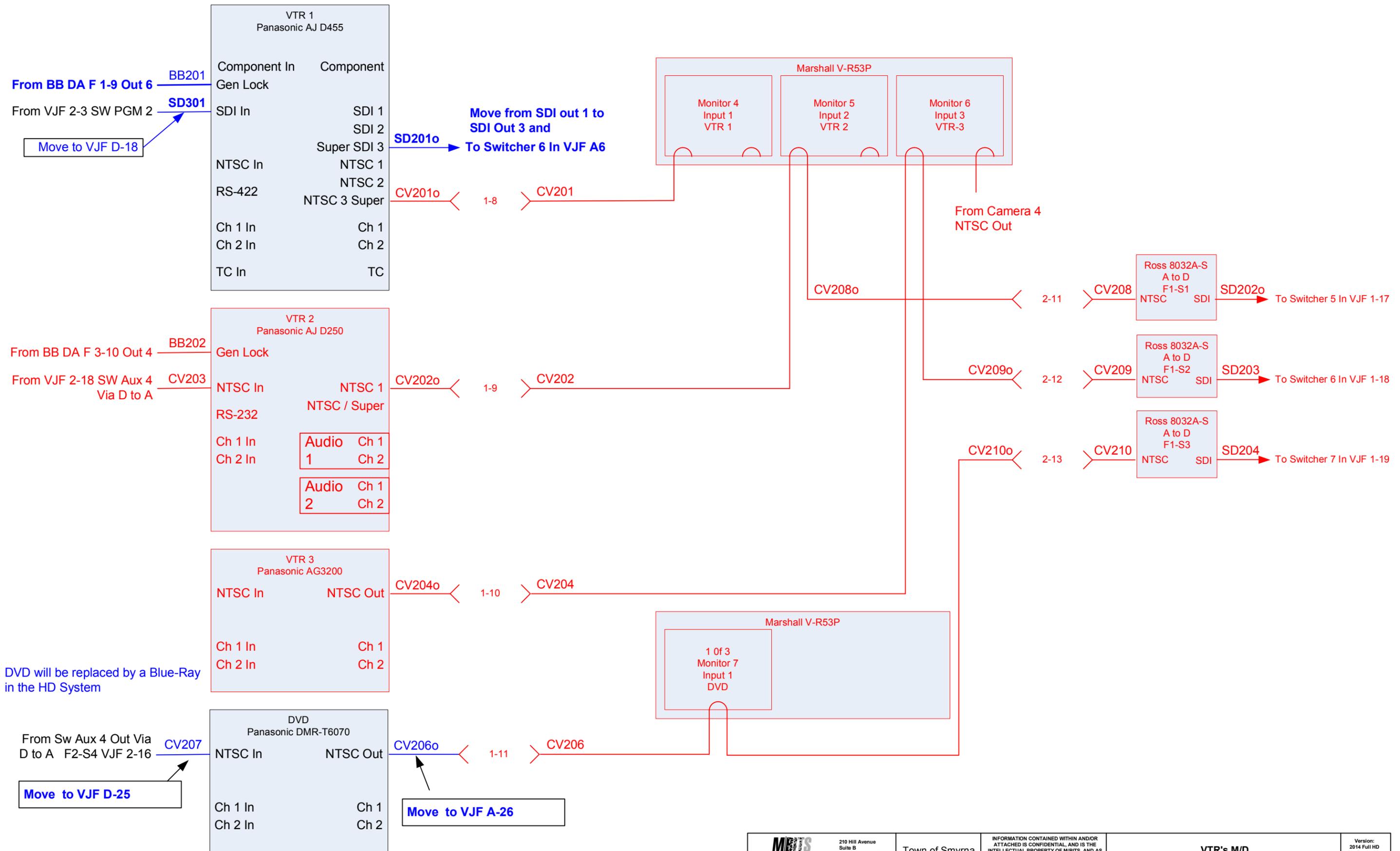
Pin outs and wire numbers for any new cables is the responsibility of the integrator



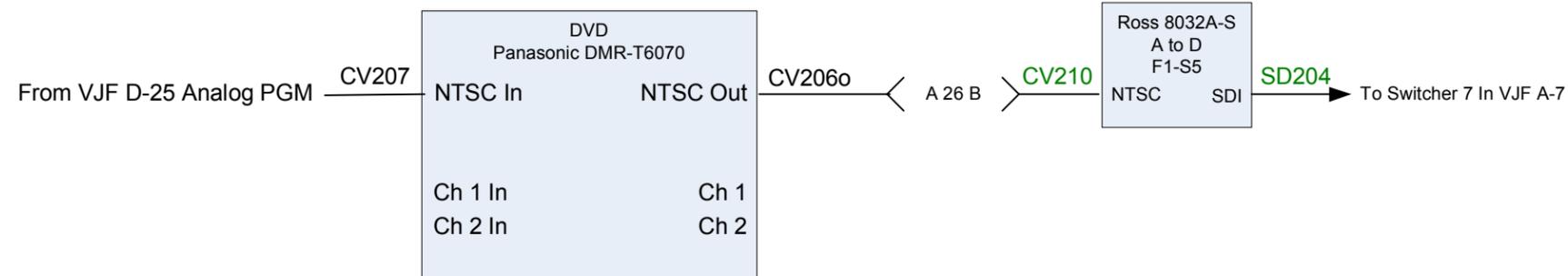
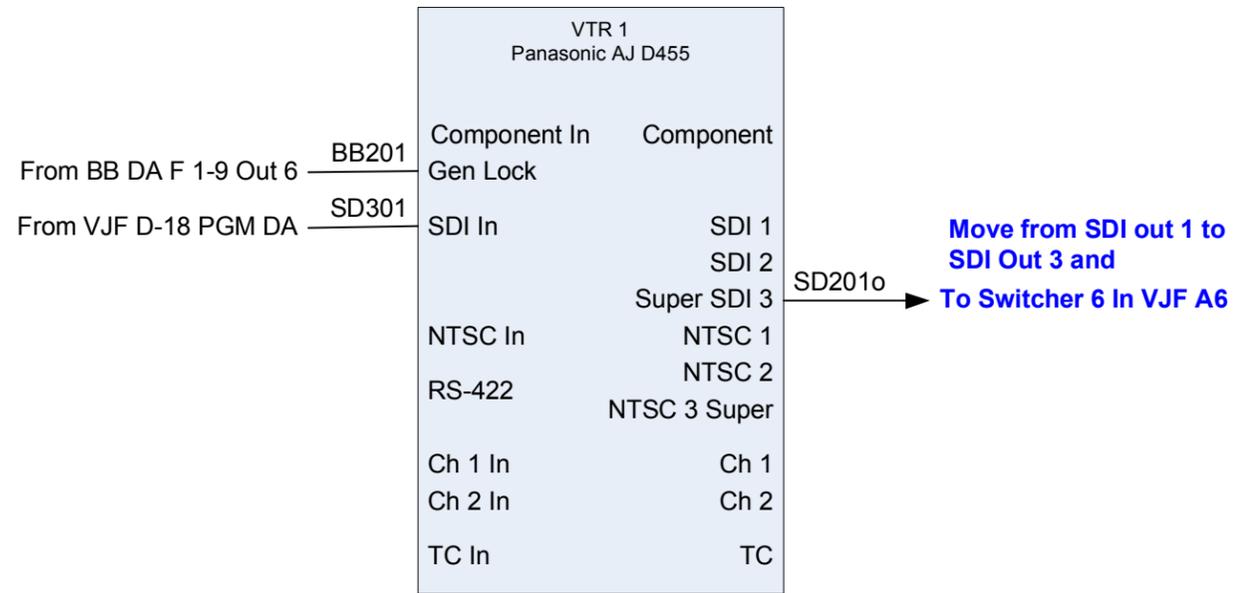


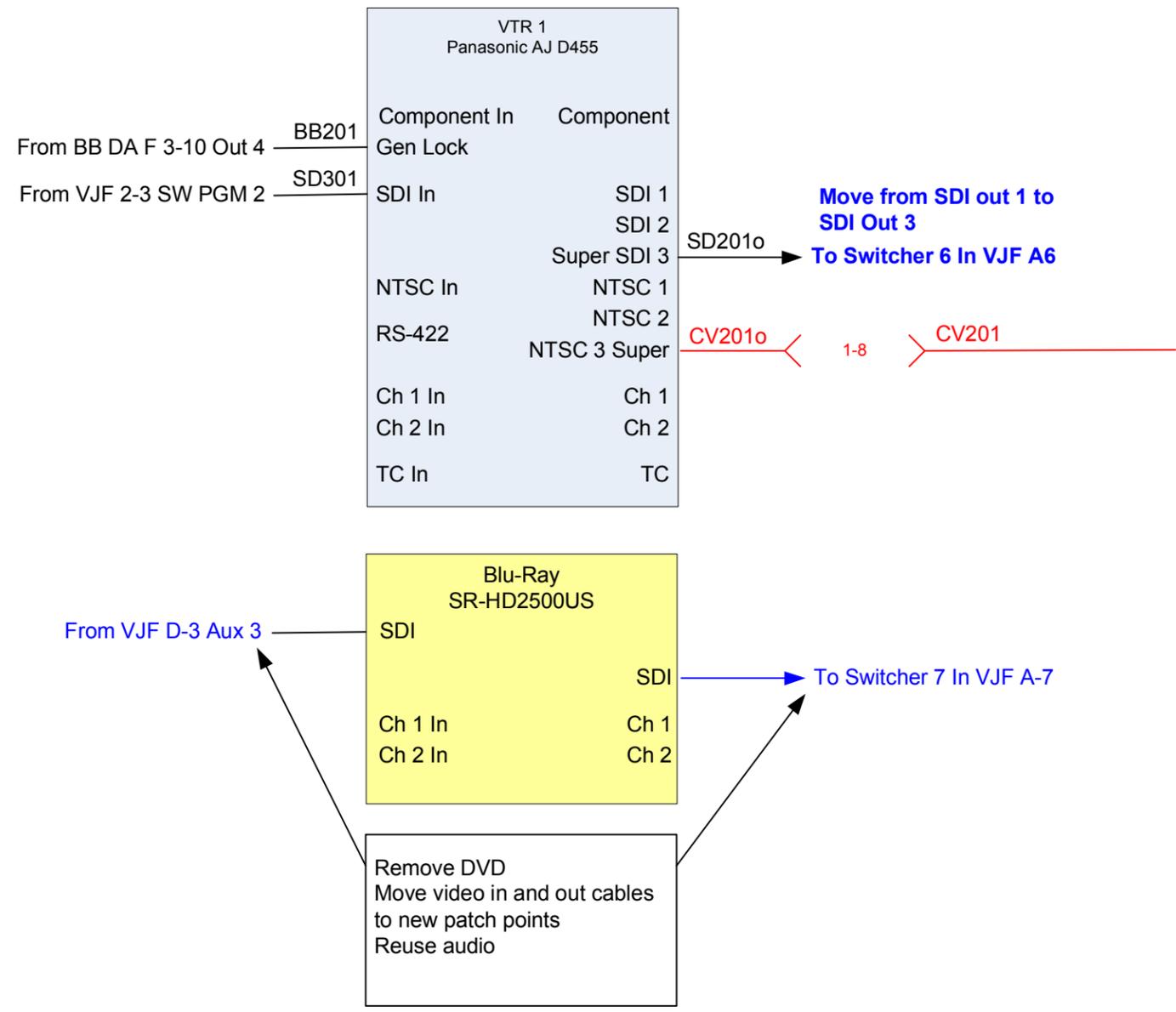


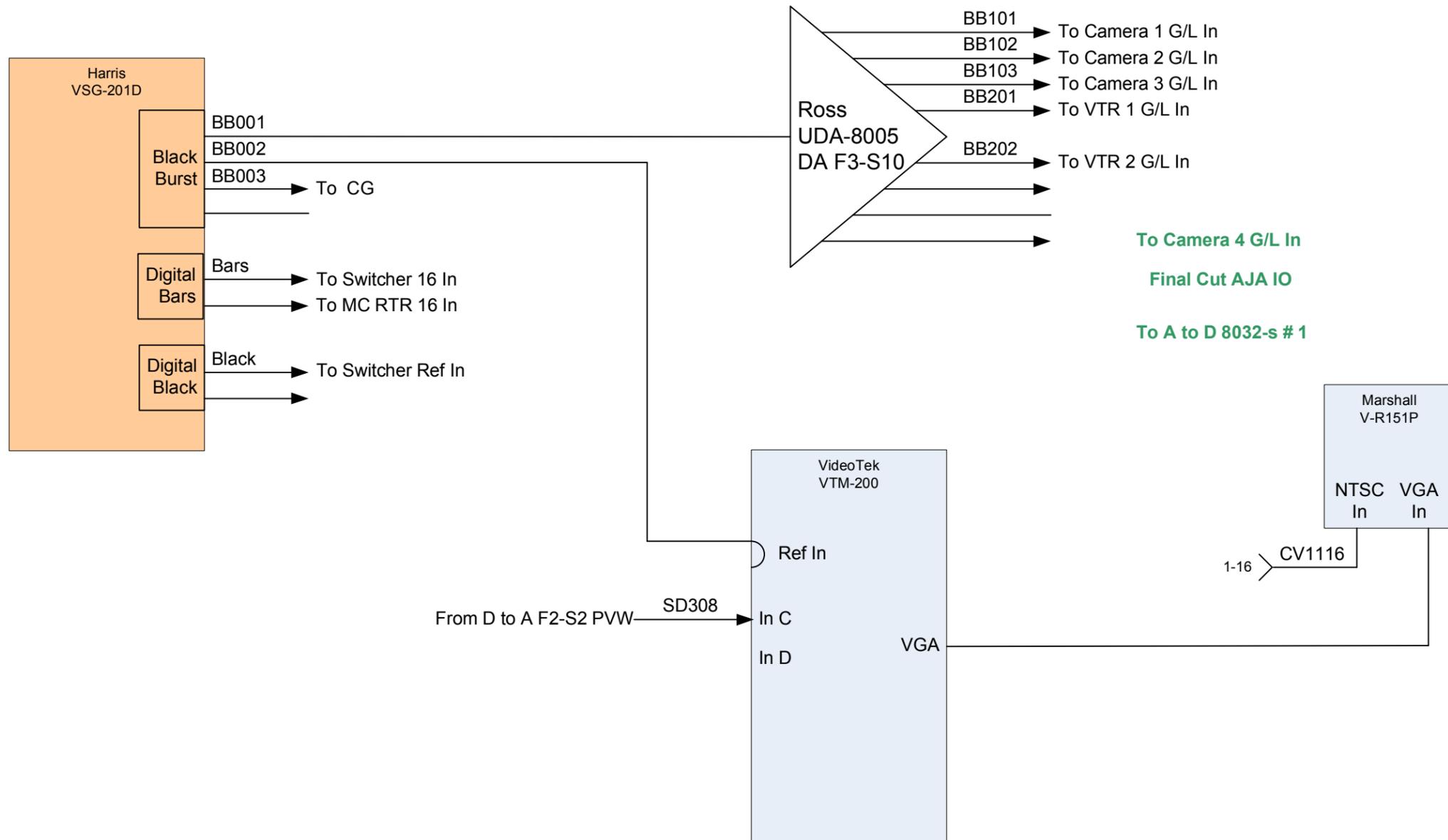


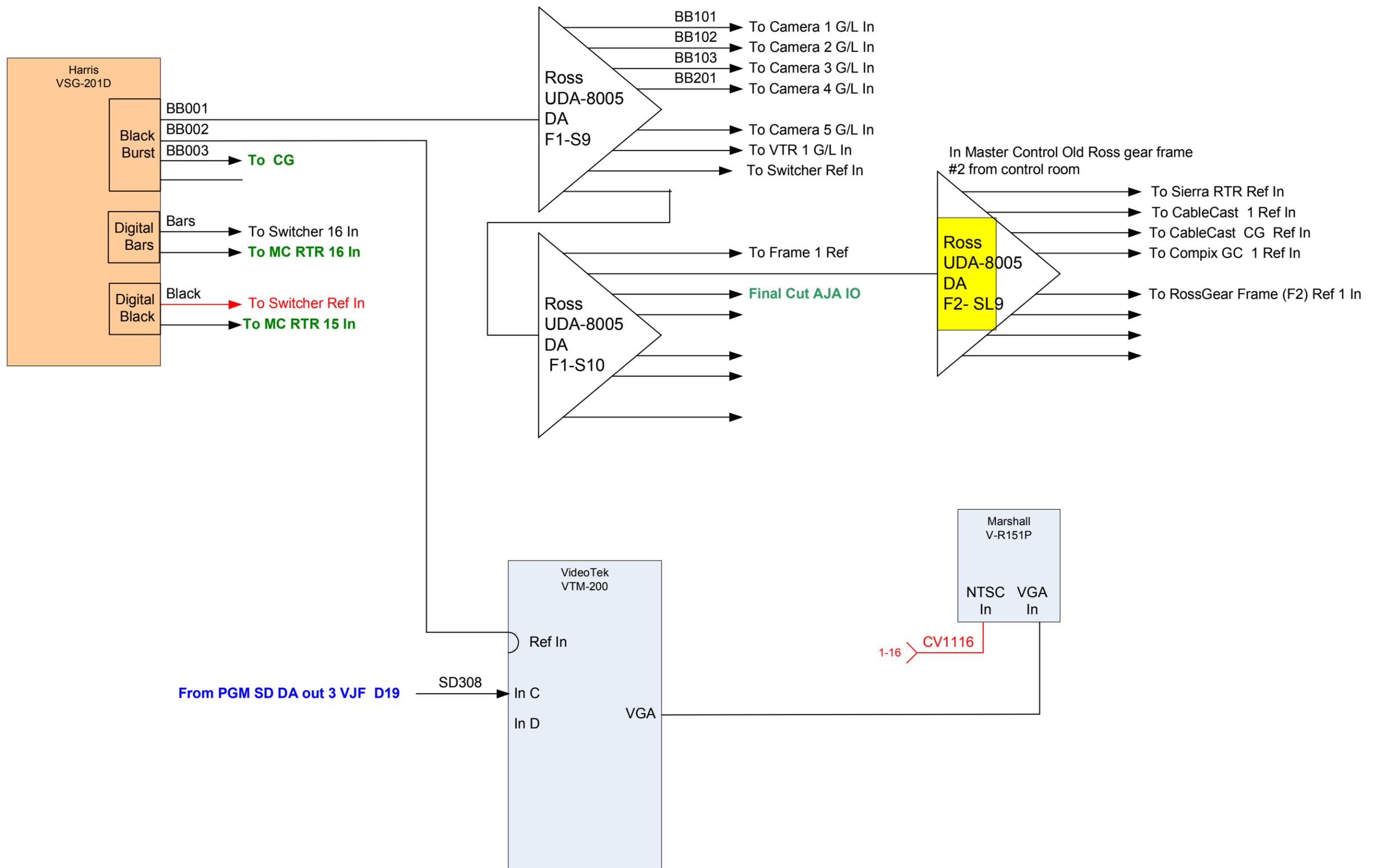


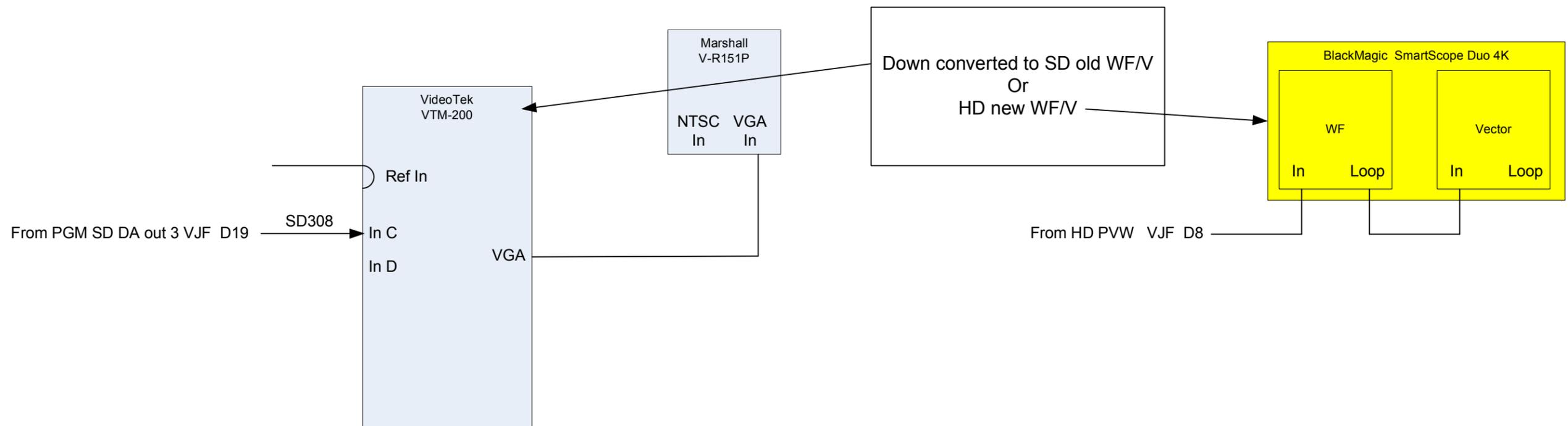
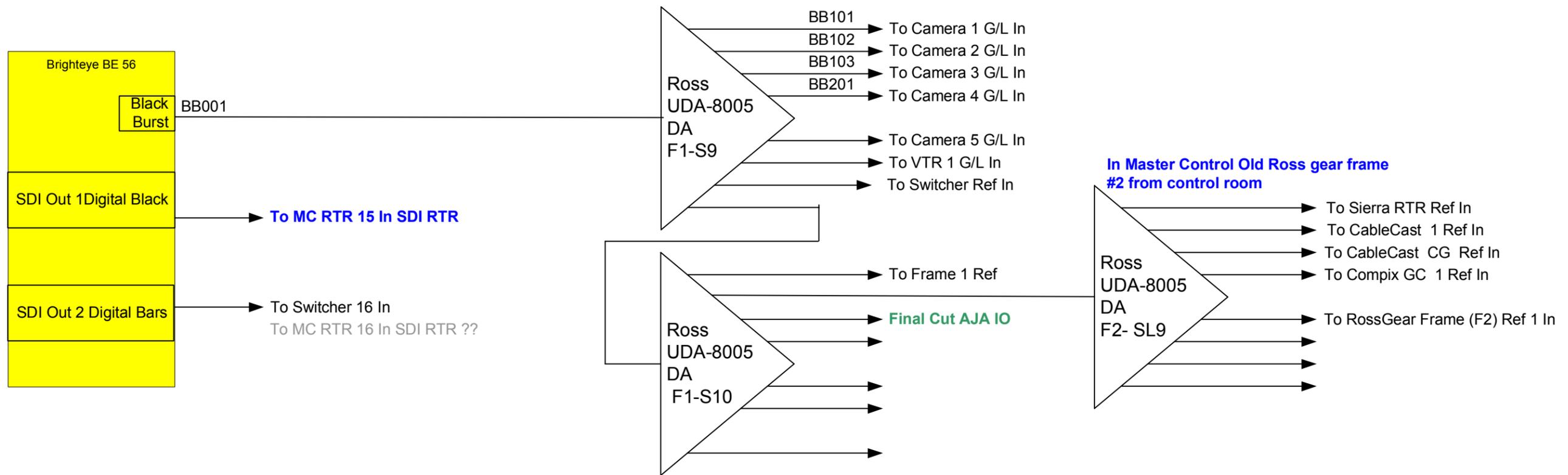
DVD will be replaced by a Blue-Ray in the HD System

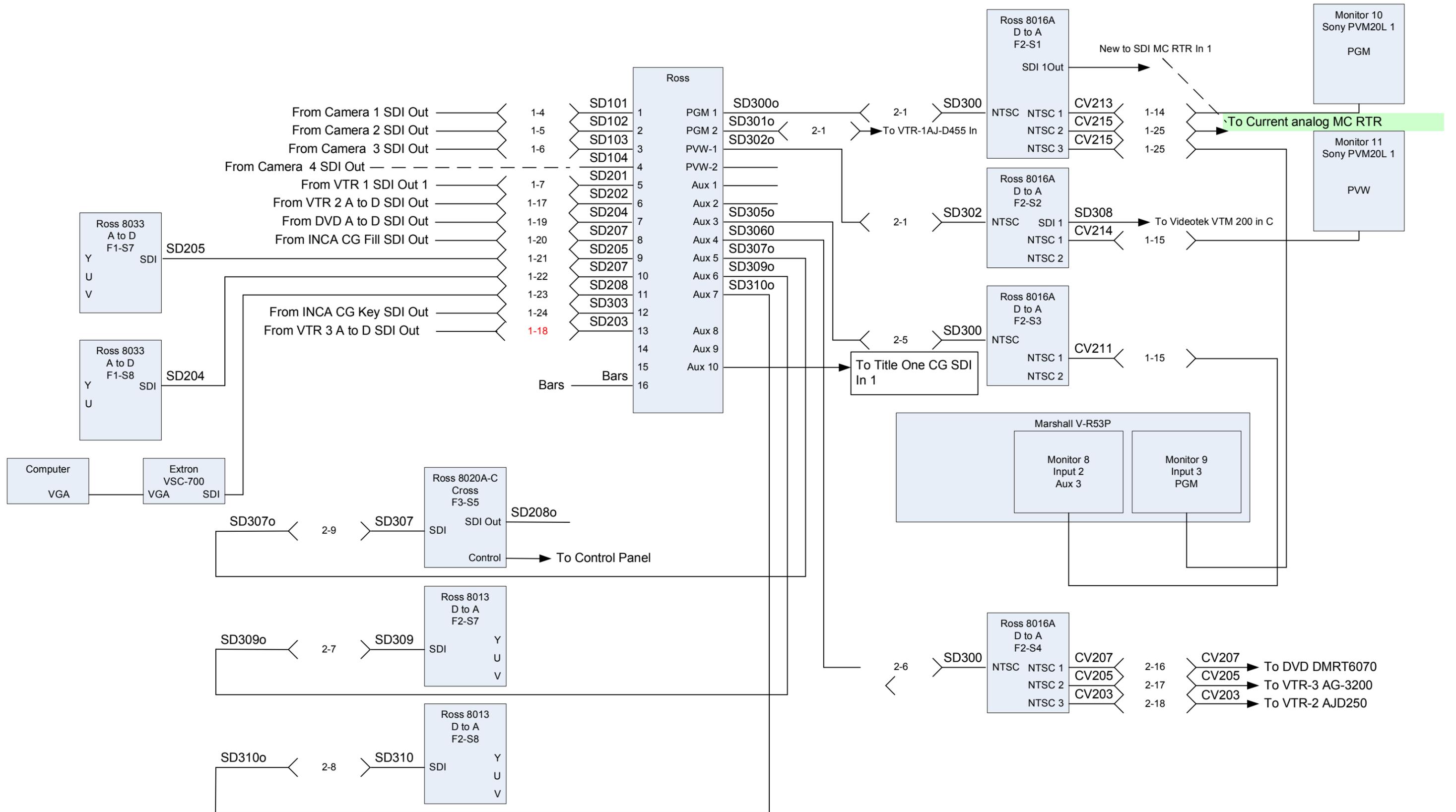


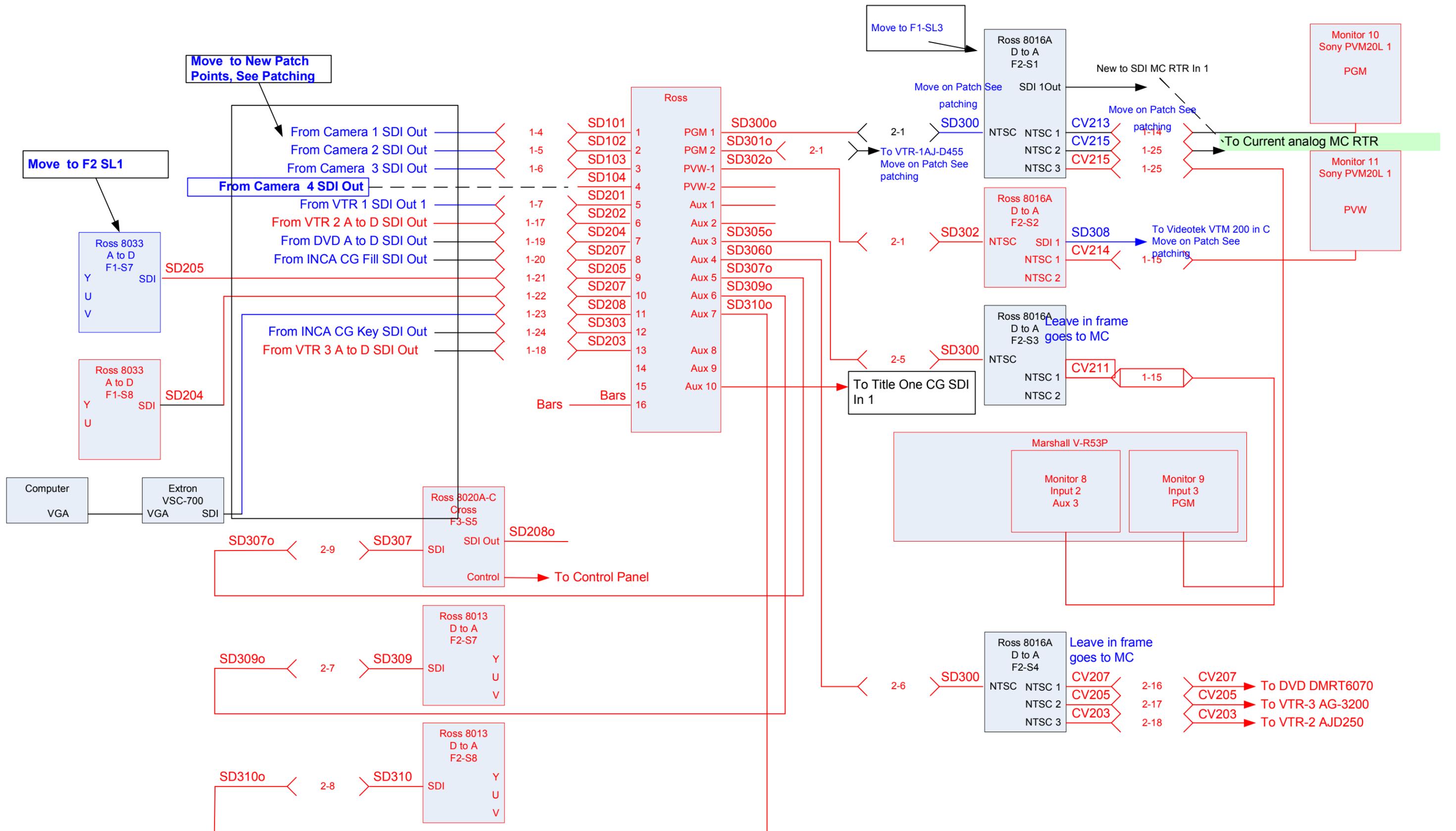


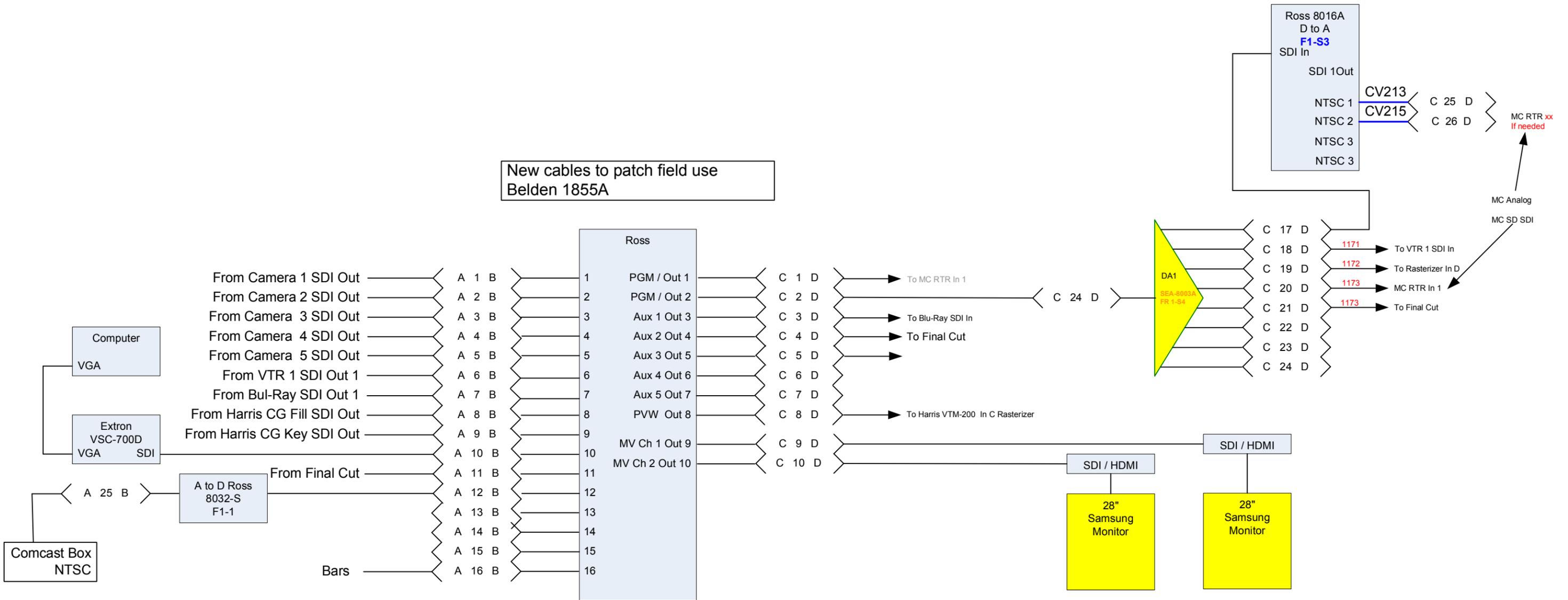


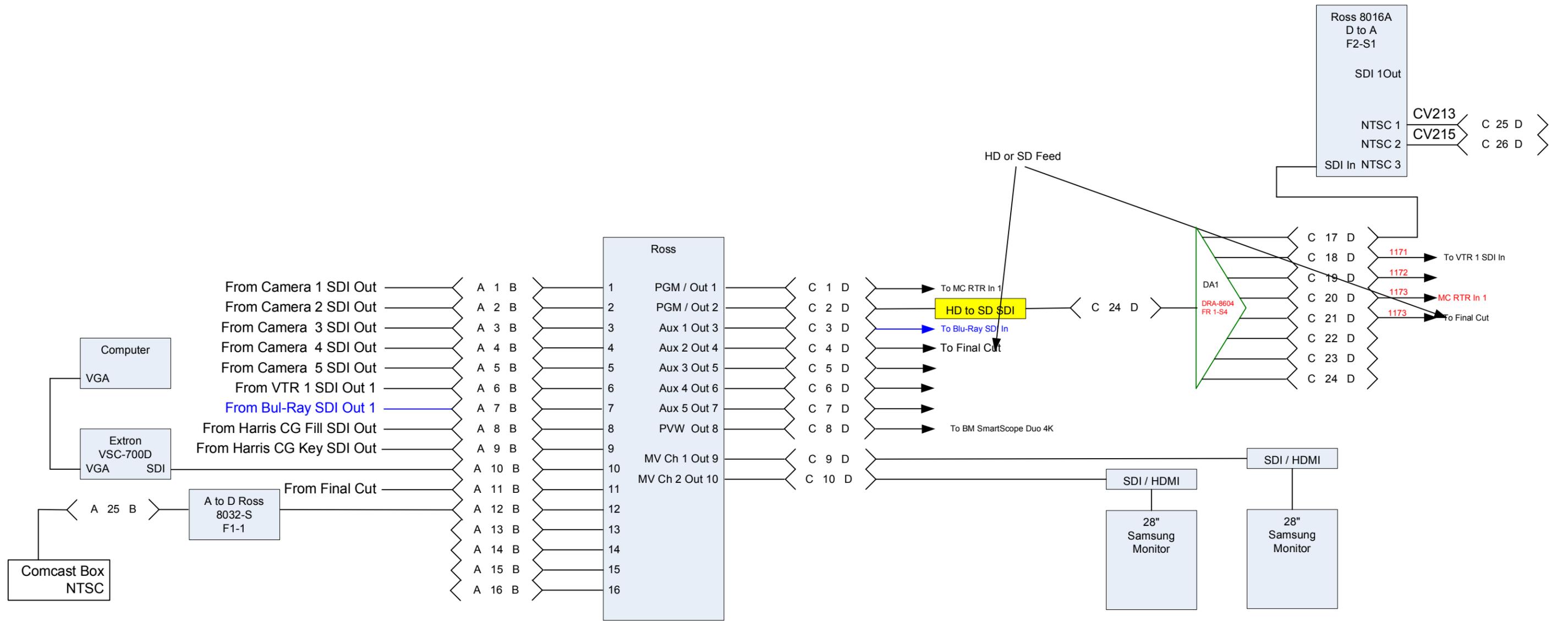


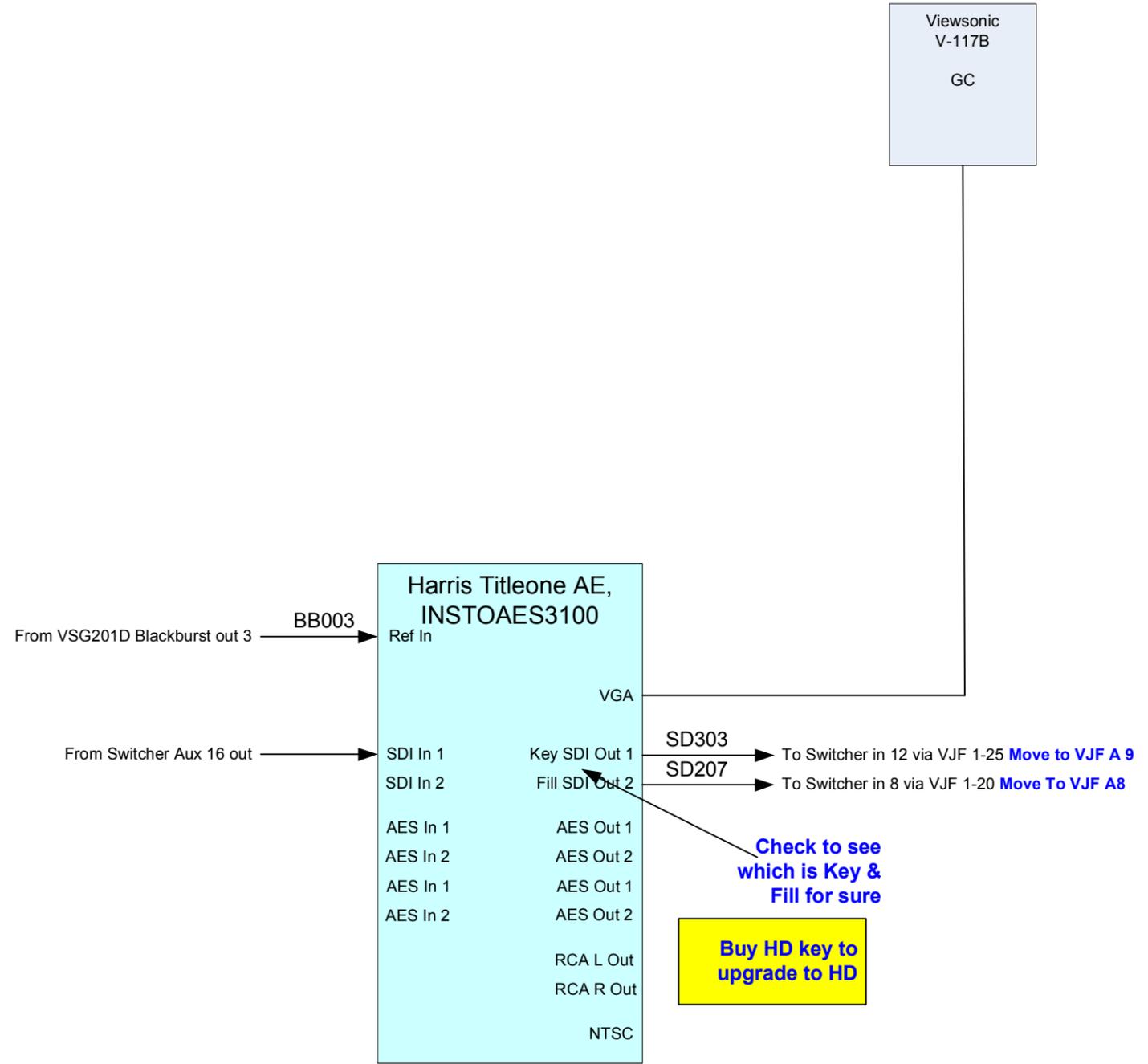






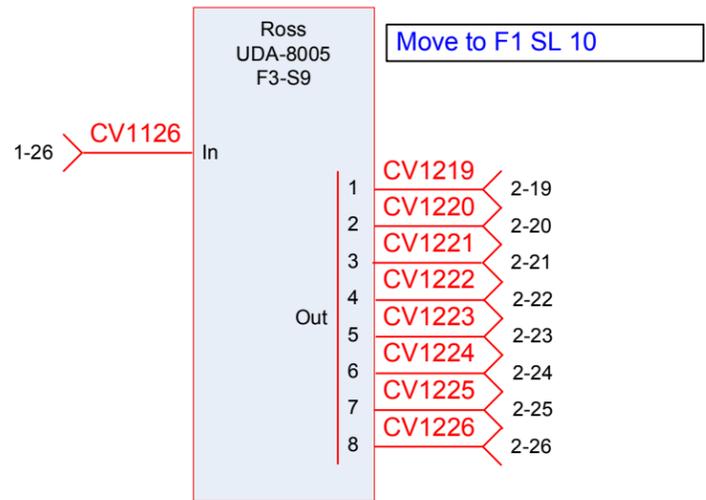






**Buy HD key to upgrade to HD**

**Check to see which is Key & Fill for sure**



Remove Red Than Move Blue

In	Mon A Side In			Production Switcher In				Mon B Side In			Mon C Side In			Production Switcher In								MC RTR	Patch DA In			
	01	02	03	1	2	3	4	4	5	6	7	8	9	10	11	12	5	6	7	8	9	10	11	12	D26	
Patch 1	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Out	Cam 1 CV	Cam 2 CV	Cam 3 CV	Cam 1 SDI	Cam 2 SDI	Cam 3 SDI	VTR 1 SDI	VTR 1 CV	VTR 2 CV	VTR 3 CV	DVD CV	Ross 2-1-2	Ross 2-1-3	Ross 2-1-1	Ross 2-2-1		Ross 1-1-1	Ross 1-2-1	Ross 1-3-1	INCA SDI	Ross 1-7-1	Ross 1-8-1	Ross Cross	INCA Key	Ross 2-1-2	Ross 2-1-5
				A1	A2	A3	A6								C25				A8				A9			C26

In	Ross 2-1 In	Ross 2-2 In	VTR 1 SDI In	Ross 2-3 In	Ross 2-4 In	Ross 2-7 In	Ross 2-8 In	Ross CAPT	Ross 1-1 In	Ross 1-2 In	Ross 1-3 In	14	15	DVD CV	VTR 3 CV	VTR 2 CV										
Patch 2	D17		D18																							
Out	SW PGM1	SW PVW 1	SW PGM 2	Ross Aux 3	Ross Aux 4	Ross Aux 6	Ross Aux 7	Ross Aux 5	Mon A Side Loop Out				D to A 2-4-1 Aux 4	D to A 2-4-2 Aux 4	D to A 2-4-3 Aux 4	Patch DA Out										
									4	5	6	7	8	9				1	2	3	4	5	6	7	8	

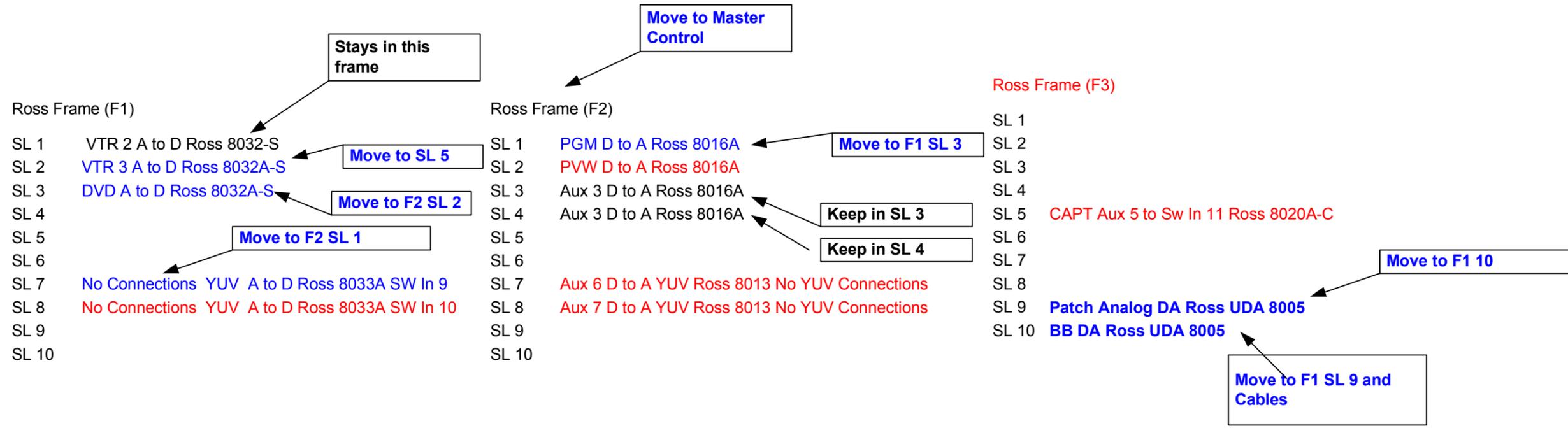
New layout SD Mode

A	Cam 1 SDI	Cam 2 SDI	Cam 3 SDI	Cam 4 SDI	Cam 5 SDI	VTR 1 SDI	DVD A to D	CG Fill	CG Key	Computer	Final Cut	Comcast				Bars								Comcast Out	DVD Out
B	Production Switcher In																1	2	3	4	5	6	A to D F1-1	A to D F1-5	
C	Switcher Out										SD PGM								SD Analog PGM						
	PGM1	PGM 2	Aux 1	Aux 2	Aux 3	Aux 4	Aux 5	PVW	Multi V 1	Multi V 2	DA 1 Out 1	DA 1 Out 2	DA 1 Out 3	DA 1 Out 4	DA 1 Out	DA 1 Out 6	DA 1 Out 8	DA 1 Out 8	1	2					
D	MCR RTR x	PGM DA F1-3	Blu-Ray							MV Mon 1 Conv	MV Mon 2 Conv					D to A 1 F1-3	VTR 1	WF/V	MC RTR xx	Final Cut				DVD	MC RTR

SD SDI      Analog

New layout HD Mode

A	Cam 1 SDI	Cam 2 SDI	Cam 3 SDI	Cam 4 SDI	Cam 5 SDI	VTR 1 SDI	Blu-Ray	CG Fill	CG Key	Computer	Final Cut	Comcast				Bars									
B	Production Switcher In																1	2	3	4	5	6			
C	Switcher Out										SD PGM								SD Analog PGM						
	PGM1	PGM 2	Aux 1	Aux 2	Aux 3	Aux 4	Aux 5	PVW	Multi V 1	Multi V 2	DA 1 Out 1	DA 1 Out 2	DA 1 Out 3	DA 1 Out 4	DA 1 Out	DA 1 Out 6	DA 1 Out 8	DA 1 Out 8	1	2					
D	MCR RTR 1	BM HD to SD	Blu-Ray							WF/V	MV Mon 1 Conv	MV Mon 2 Conv				D to A 1 F1-3	VTR 1	WF/V	MC RTR xx	Final Cut					

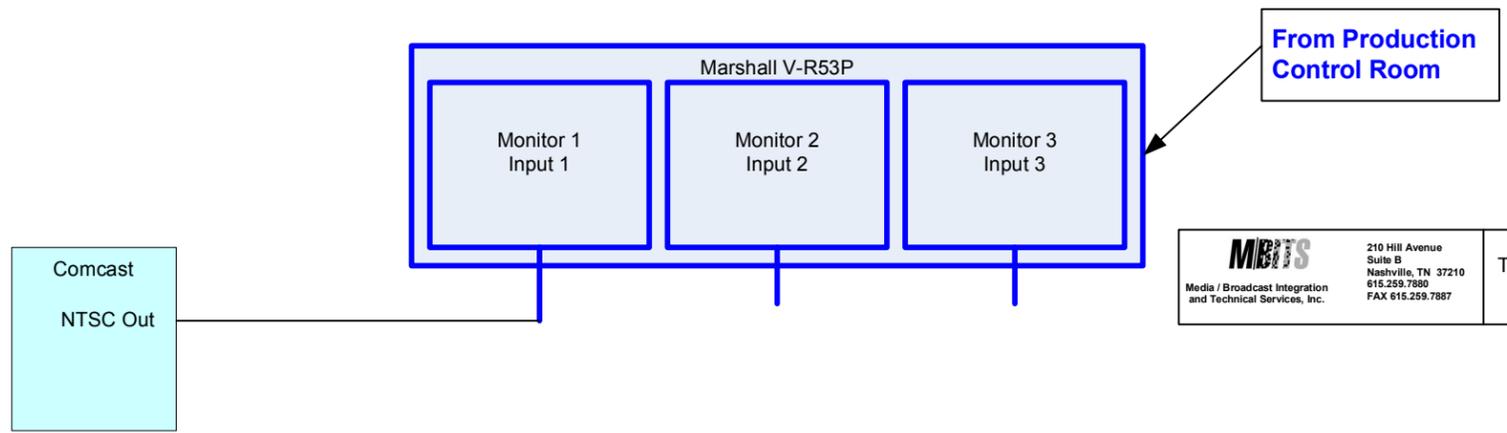
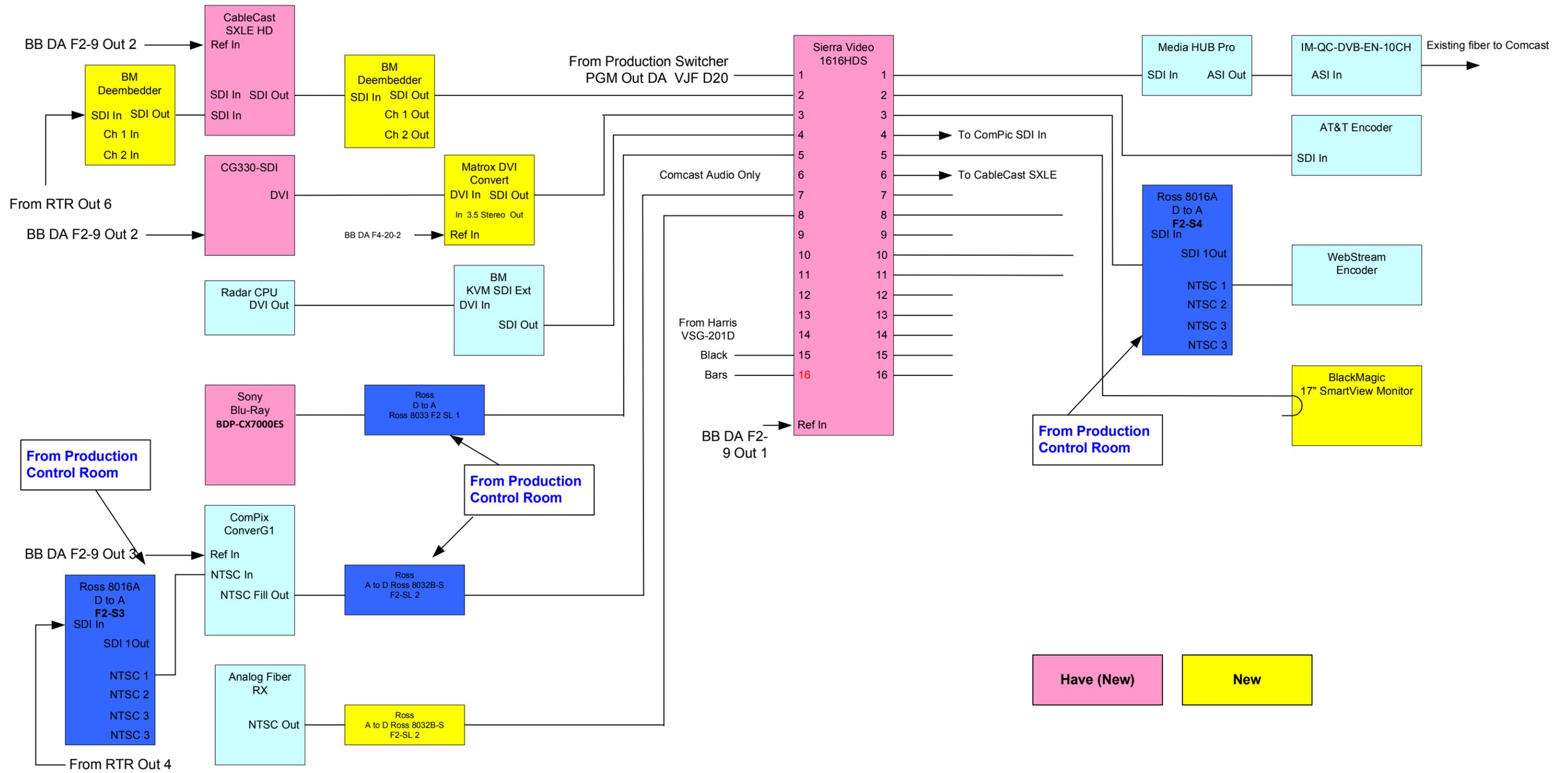


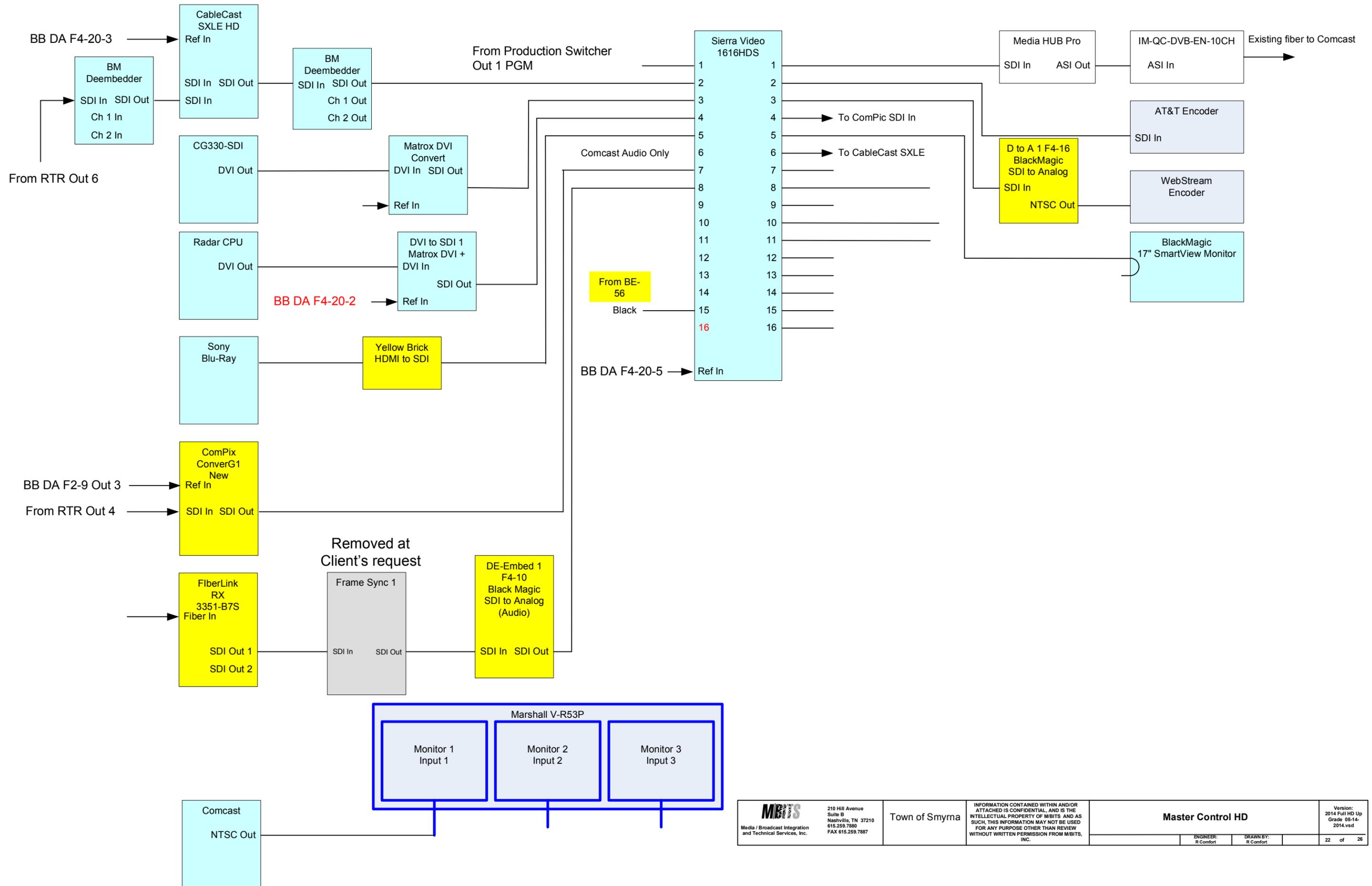
New frame layout

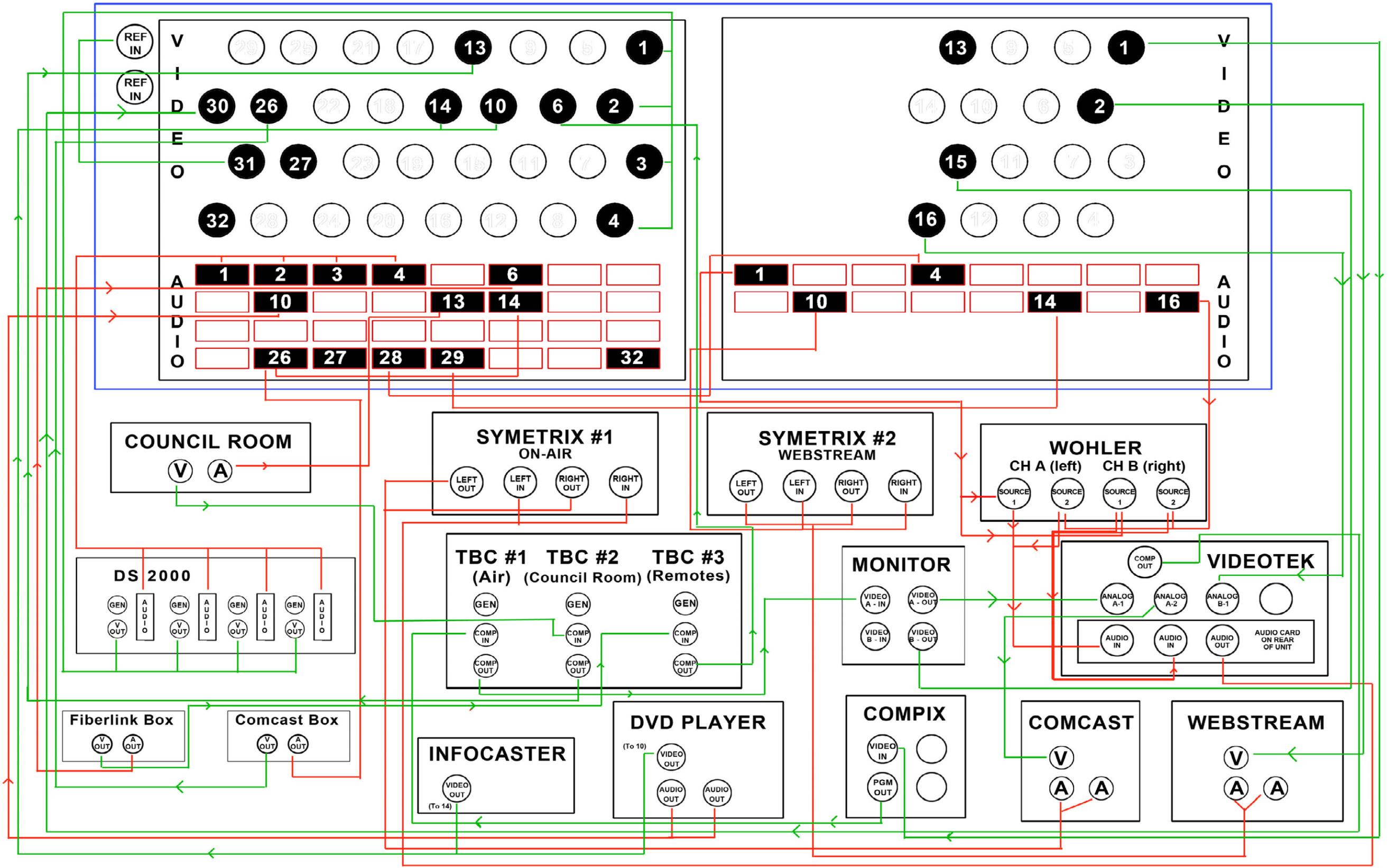
<p>Ross Frame (F1)</p> <ul style="list-style-type: none"> <li>SL 1: # 1 Comcast A to D Ross 8032-S</li> <li>SL 2: DA 1 SEA-8003A SD PGM New</li> <li>SL 3: PGM D to A Ross 8016A From F2 SL 1</li> <li>SL 4: [Empty]</li> <li>SL 5: DVD A to D Ross 8032A-S From SL 2</li> <li>SL 6: Fiber RX A to D Ross 8032B-S New</li> <li>SL 7: [Empty]</li> <li>SL 8: [Empty]</li> <li>SL 9: BB DA Ross UDA 8005</li> <li>SL 10: BB DA Ross UDA 8005</li> </ul>	<p>Ross Frame (F2) <b>Move to Master Control</b></p> <ul style="list-style-type: none"> <li>SL 1: Blue-Ray YUV A to D Ross 8033A From F1 SL 7</li> <li>SL 2: CG Out A to D Ross 8032A-S From F1 SL 3</li> <li>SL 3: CG In D to A Ross 8016A</li> <li>SL 4: D to A Ross 8016A for Web Stream Encoder</li> <li>SL 5: [Empty]</li> <li>SL 6: [Empty]</li> <li>SL 7: [Empty]</li> <li>SL 8: [Empty]</li> <li>SL 9: BB DA Ross UDA 8005 New</li> <li>SL 10: [Empty]</li> </ul>
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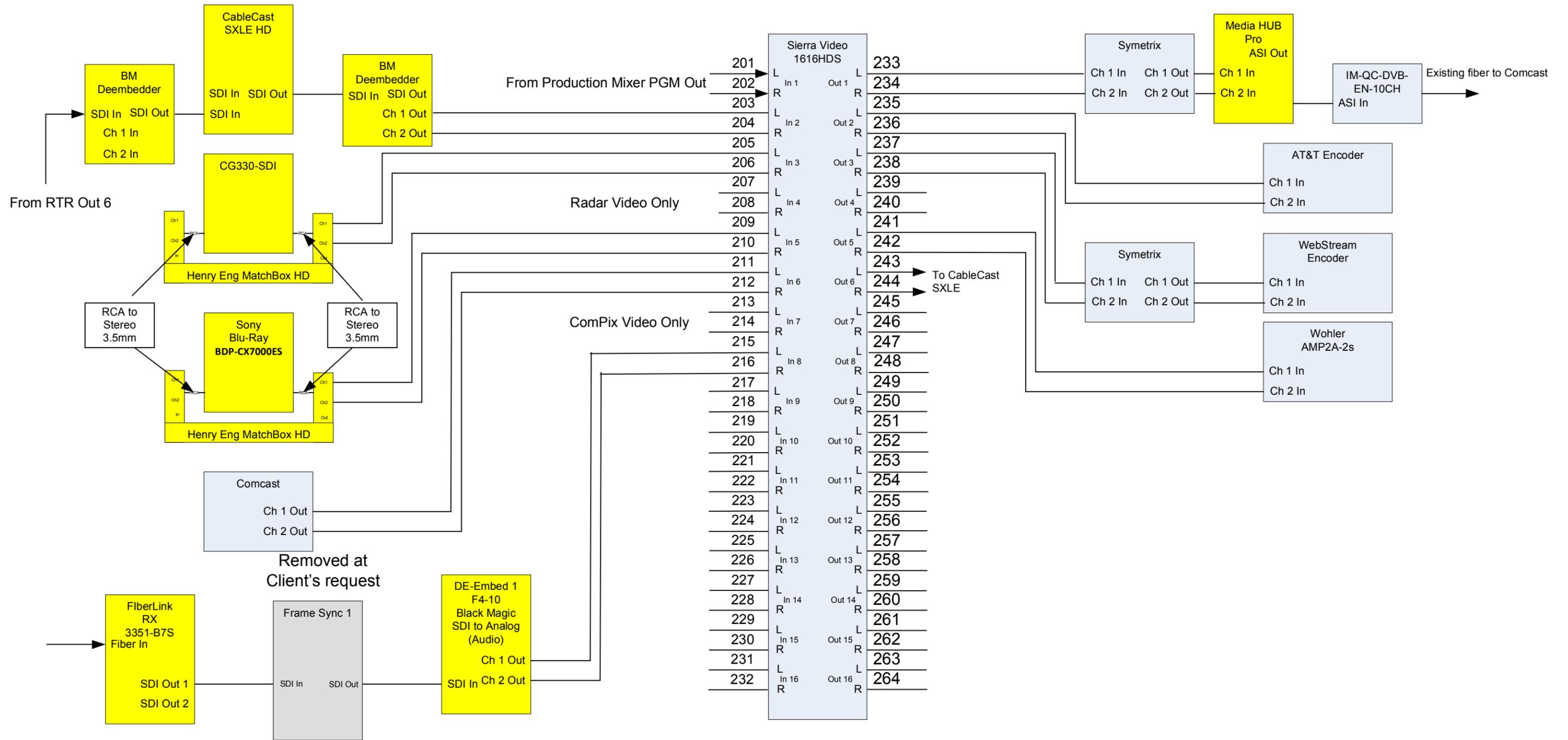
Ross Frame (F3) **Remove Now Spare**

- SL 1: [Empty]
- SL 2: [Empty]
- SL 3: [Empty]
- SL 4: [Empty]
- SL 5: [Empty]
- SL 6: [Empty]
- SL 7: [Empty]
- SL 8: [Empty]
- SL 9: [Empty]
- SL 10: [Empty]

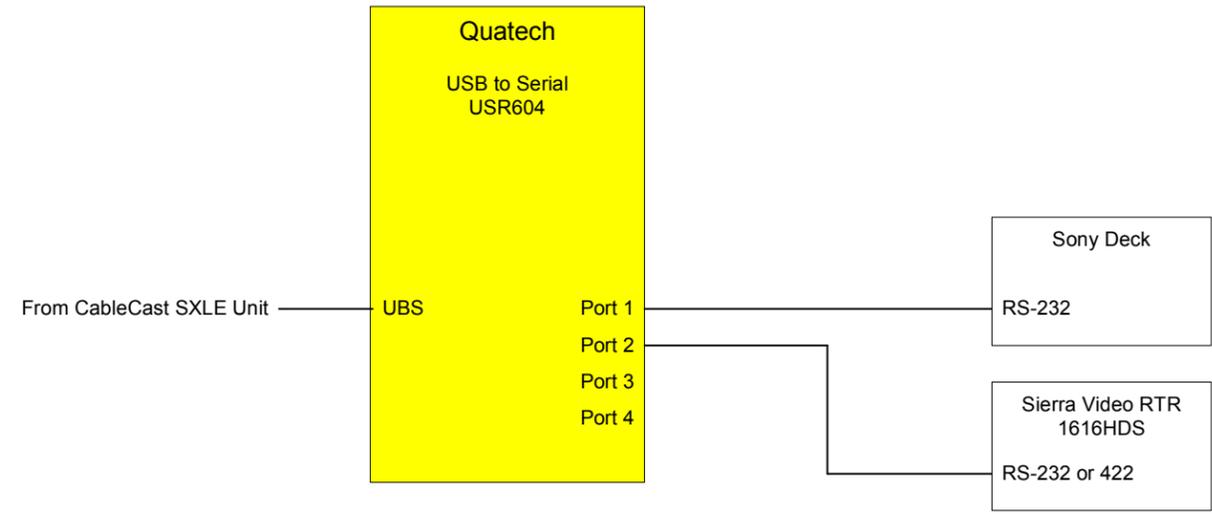








New



Rack 1 A		
44	RossGear Frame (F2)	44
43		43
42		42
41	Router	41
40		40
39		39
38	MediaHub Pro	38
37		37
36	Black Magic SmartView 17"	36
35		35
34		34
33		33
32		32
31		31
30	Wohler AMP2A-2s	30
29		29
28		28
27		27
26	Triple Marshall Mon VR 53-P	26
25		25
24		24
23	ComastCast RX on Shelf	23
22		22
21		21
20	Sony Blue-Ray	20
19		19
18		18
17		17
16		16
15		15
14		14
13	CableCast SXLE HD	13
12		12
11	CableCast CG330 SDI	11
10		10
9	Radar CPU	9
8		8
7		7
6		6
5		5
4	Fiber Link RX on shelf	4
3		3
2		2
1		1

Symetrix Comcast

Symetrix Comcast AT&T

CompixG1

This is a possible rack layout.

The final rack layout is the responsibility of the integrator and the Town of Smyrna

