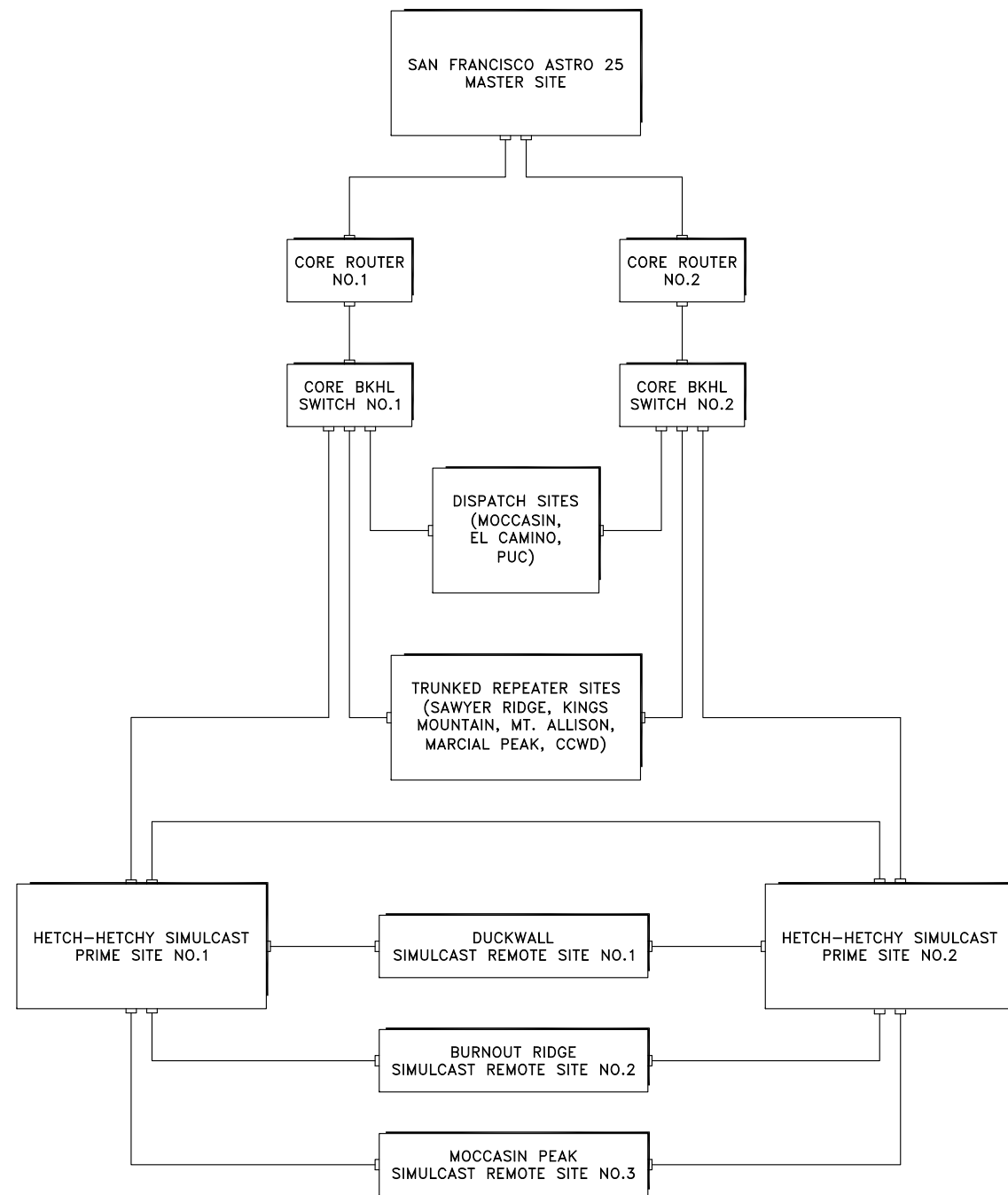


Appendix C - System Drawings

* The drawings shown herein do not reflect the additional sites purchased by the SFPUC as identified in Appendix B, System Description, and Appendix F, Scope of Work. Final as-built drawings of the system will reflect the final system design inclusive of these additional items, and will be provided during the implementation phase of the project.

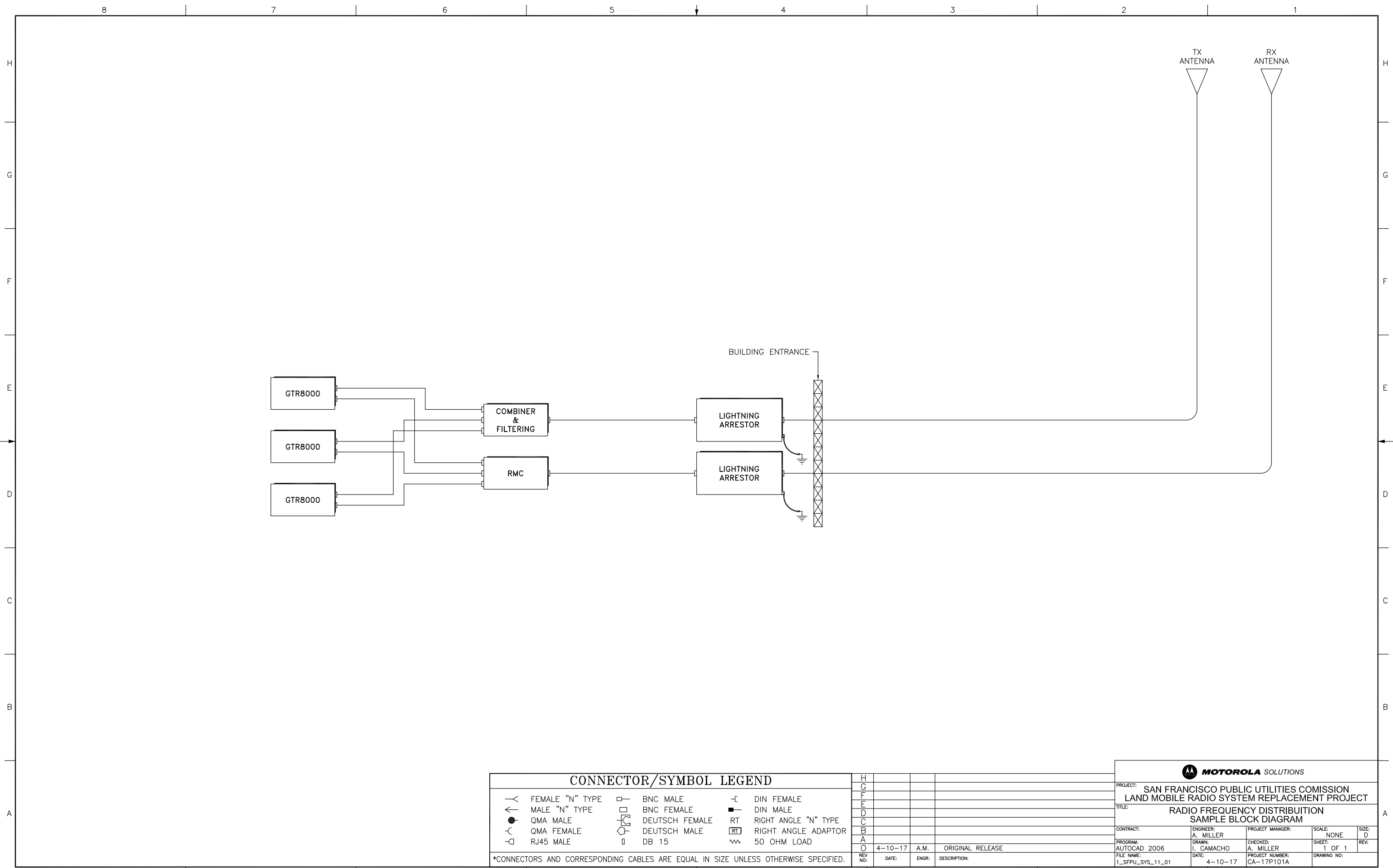


Poopenaut Pass Simulcast site has been added and Moccasin site will be a repeater site. Motorola will update the drawings during design.

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O	5-9-17	A.M.	ORIGINAL RELEASE
REV NO:	DATE:	ENGR:	DESCRIPTION:

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PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE: SYSTEM BLOCK DIAGRAM			
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: NONE
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SIZE: D
FILE NAME: 1_SFPU_SYS_02_01	DATE: 4-10-17	PROJECT NUMBER: CA-17P101A	SHEET: 1 OF 1
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DRAWING NO:			

ORIGINAL DOCUMENT SIZE IS 22X34, CORRECT SCALE IS NOT GUARANTEED IF REDUCED OR ENLARGED

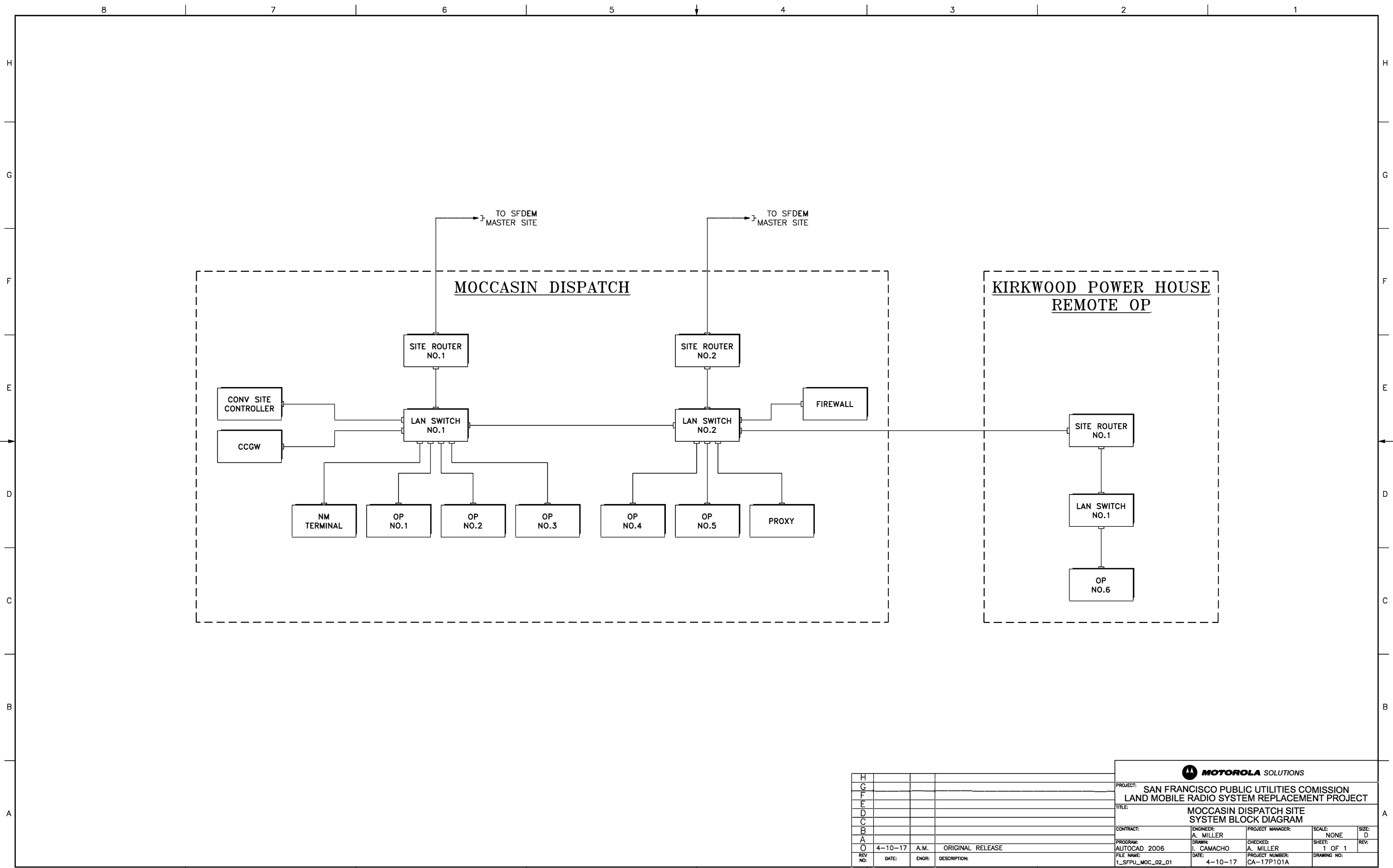


CONNECTOR/SYMBOL LEGEND					
⊖	FEMALE "N" TYPE	□	BNC MALE	⊥	DIN FEMALE
⊕	MALE "N" TYPE	□	BNC FEMALE	⊥	DIN MALE
●	QMA MALE	⊣	DEUTSCH FEMALE	RT	RIGHT ANGLE "N" TYPE
⊖	QMA FEMALE	⊣	DEUTSCH MALE	RT	RIGHT ANGLE ADAPTOR
⊖	RJ45 MALE	□	DB 15	⊞	50 OHM LOAD

*CONNECTORS AND CORRESPONDING CABLES ARE EQUAL IN SIZE UNLESS OTHERWISE SPECIFIED.

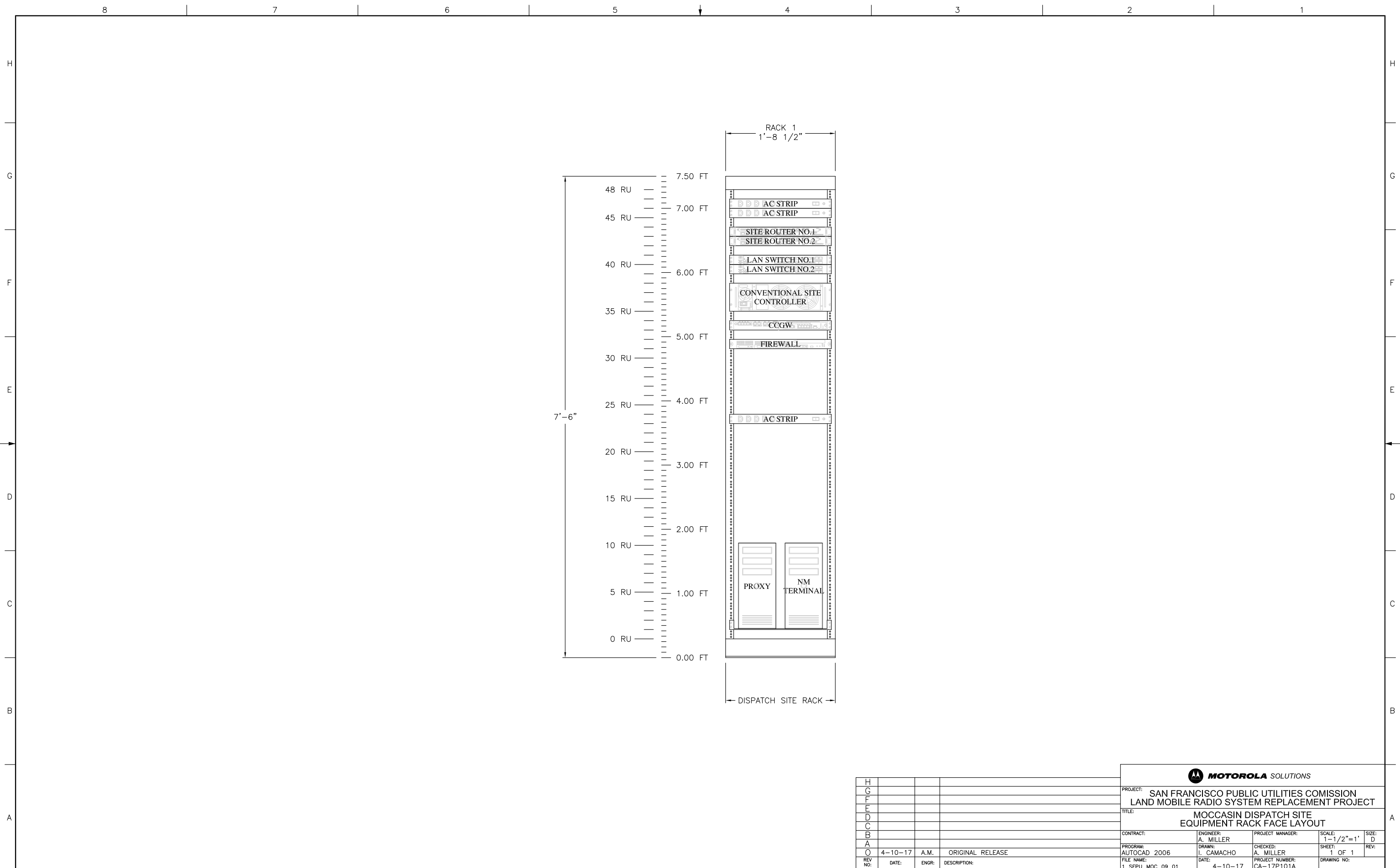
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A	4-10-17	A.M.	ORIGINAL RELEASE

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TITLE: RADIO FREQUENCY DISTRIBUTION SAMPLE BLOCK DIAGRAM				
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: NONE	SIZE: D
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SHEET: 1 OF 1	REV:
FILE NAME: 1_SFFPU_SYS_11_01	DATE: 4-10-17	PROJECT NUMBER: CA-17P101A	DRAWING NO:	



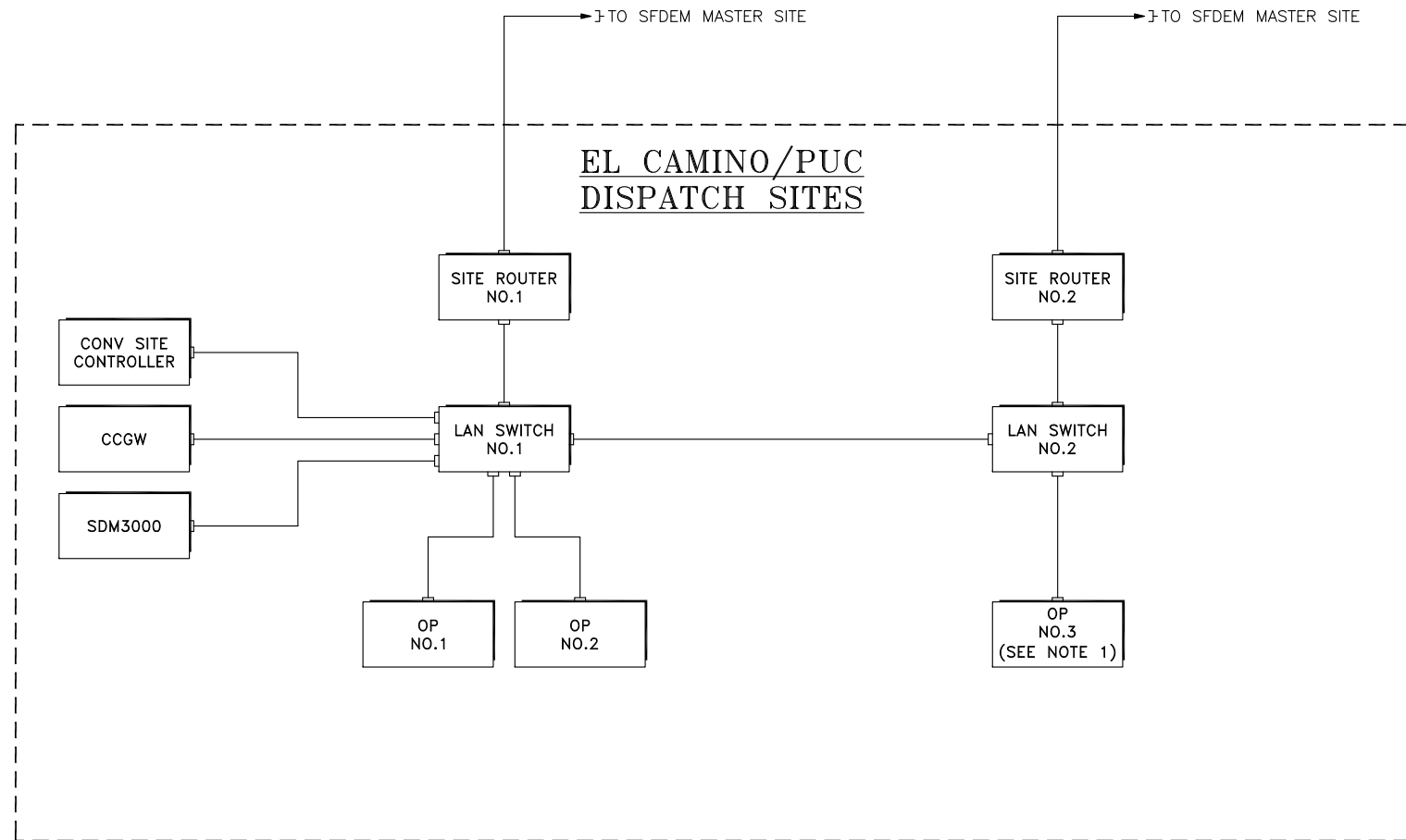
				MOTOROLA SOLUTIONS			
PROJECT:				SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE:				MOCCASIN DISPATCH SITE SYSTEM BLOCK DIAGRAM			
CONTRACT:	ENGINEER:	PROJECT MANAGER:	SCALE:	SIZE:			
	A. MILLER		NONE	D			
PROGRAM:	DRAWN:	CHECKED:	SHEET:	REV:			
AUTOCAD 2006	I. CAMACHO	A. MILLER	1 OF 1				
REV NO:	DATE:	ENGR:	DESCRIPTION:	FILE NAME:	DATE:	PROJECT NUMBER:	DRAWING NO:
	4-10-17	A.M.	ORIGINAL RELEASE	1_SFPU_MOC_02_01	4-10-17	CA-17P101A	

ORIGINAL DOCUMENT SIZE IS 22X34. CORRECT SCALE IS NOT GUARANTEED IF REDUCED OR ENLARGED



PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE: MOCCASIN DISPATCH SITE EQUIPMENT RACK FACE LAYOUT			
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: 1-1/2"=1'
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SIZE: D
REV NO:	DATE: 4-10-17	ENGR: A.M.	DESCRIPTION: ORIGINAL RELEASE
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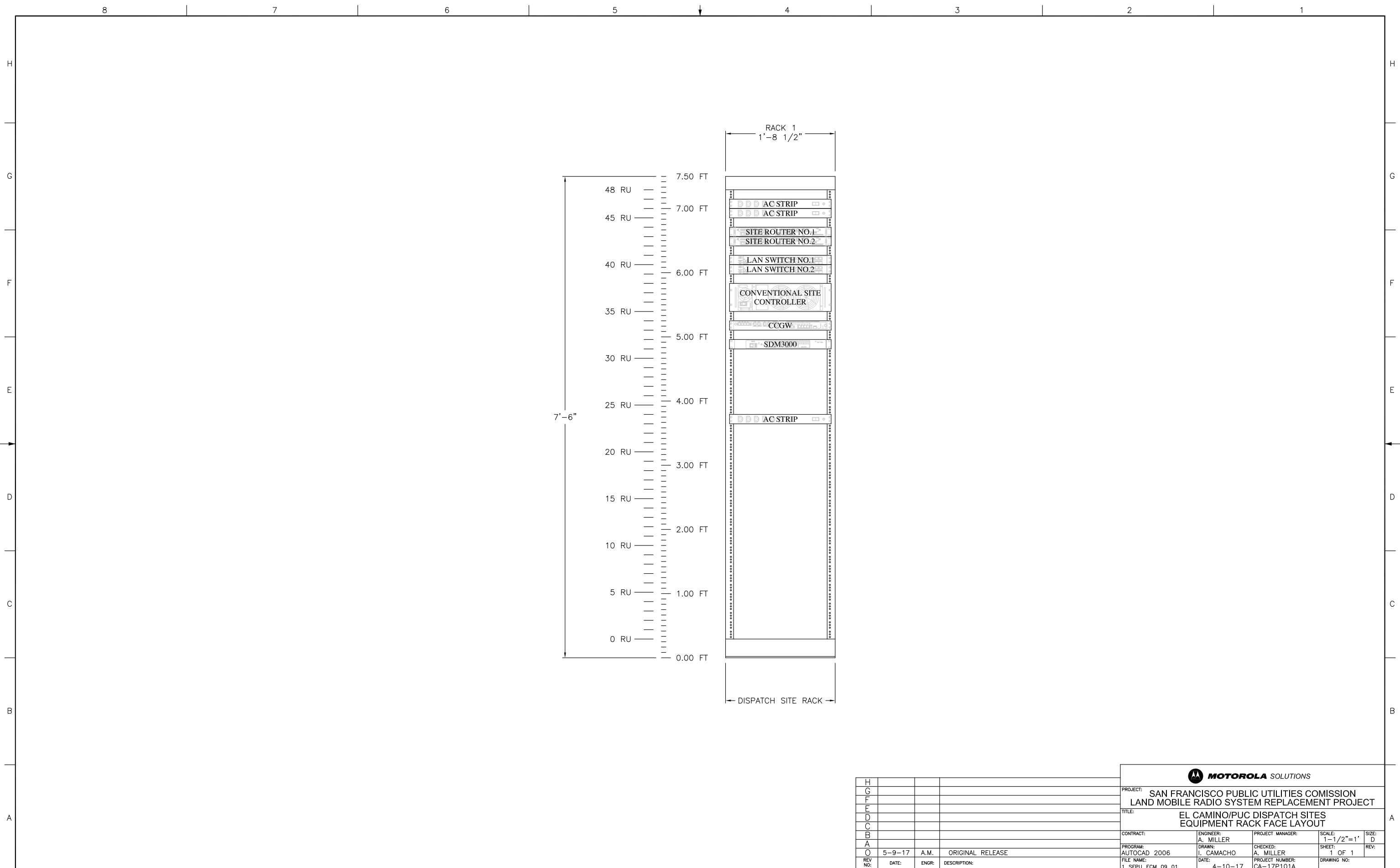
NOTES:
 1. THE THIRD POSITION AT PUC IS AN EXISTING POSITION.



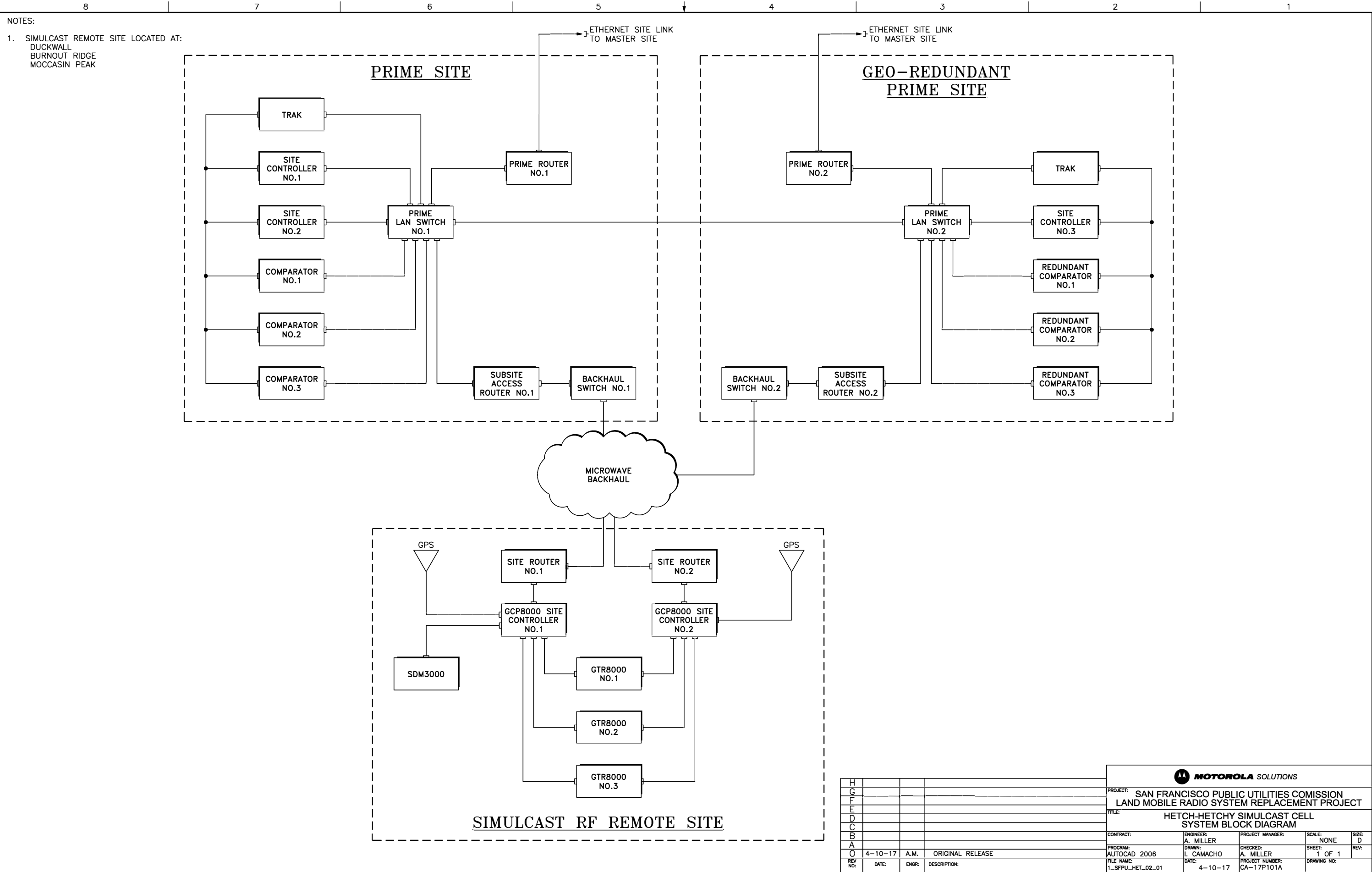
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REV NO:	DATE:	ENGR:	DESCRIPTION:

MOTOROLA SOLUTIONS			
PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE: EL CAMINO/PUC DISPATCH SITES SYSTEM BLOCK DIAGRAM			
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: NONE
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SHEET: 1 OF 1
FILE NAME: 1_SFPU_ECM_02_01	DATE: 4-10-17	PROJECT NUMBER: CA-17P101A	DRAWING NO:

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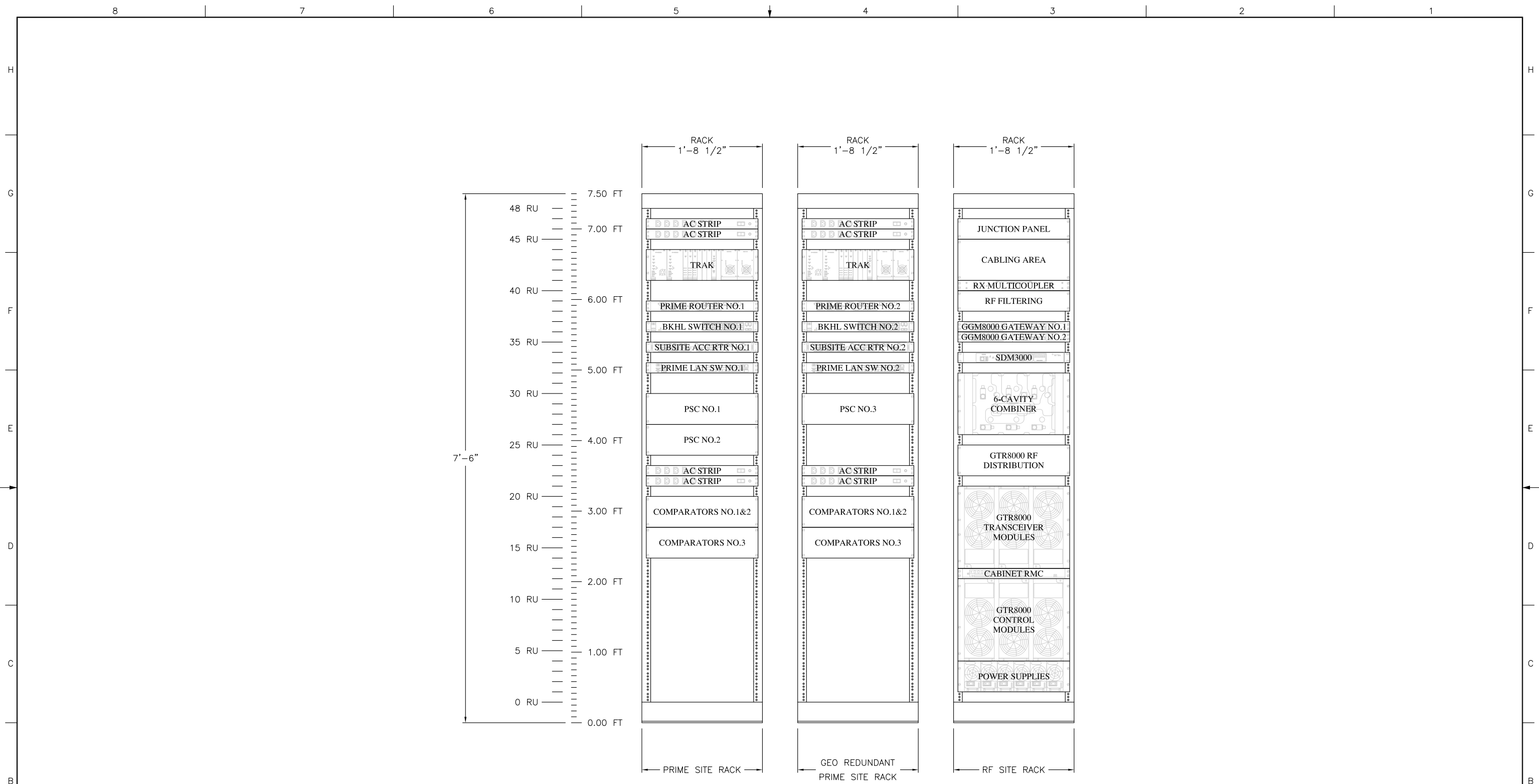


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				TITLE: EL CAMINO/PUC DISPATCH SITES EQUIPMENT RACK FACE LAYOUT			
CONTRACT:		ENGINEER: A. MILLER		PROJECT MANAGER:		SCALE: 1-1/2"=1'	
PROGRAM: AUTOCAD 2006		DRAWN: I. CAMACHO		CHECKED: A. MILLER		SHEET: 1 OF 1	
REV NO:		DATE:		ENGR:		DESCRIPTION:	
O		5-9-17		A.M.		ORIGINAL RELEASE	
1		4-10-17		CA-17P101A		DRAWING NO:	



H						MOTOROLA SOLUTIONS				
G						PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION				
F						LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT				
E						TITLE: HETCH-HETCHY SIMULCAST CELL				
D						SYSTEM BLOCK DIAGRAM				
C						CONTRACT:	ENGINEER:	PROJECT MANAGER:	SCALE:	SIZE:
B							A. MILLER		NONE	D
A						PROGRAM:	DRAWN:	CHECKED:	SHEET:	REV:
O	4-10-17	A.M.	ORIGINAL RELEASE			AUTOCAD 2006	I. CAMACHO	A. MILLER	1 OF 1	
REV NO:	DATE:	ENGR:	DESCRIPTION:			FILE NAME:	DATE:	PROJECT NUMBER:	DRAWING NO:	
						1_SFPU_HET_02_01	4-10-17	CA-17P101A		

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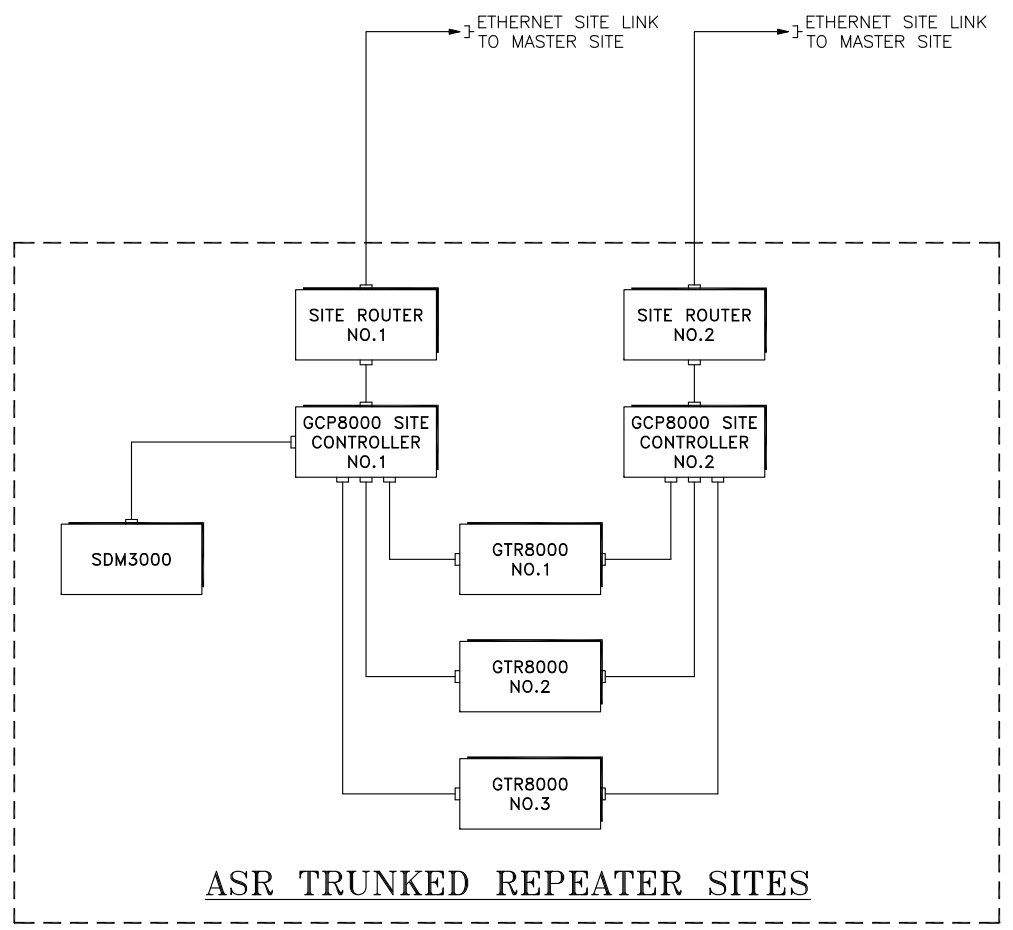


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O	4-10-17	A.M.	ORIGINAL RELEASE
REV NO:	DATE:	ENGR:	DESCRIPTION:

MOTOROLA SOLUTIONS			
PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE: HETCH-HETCHY SIMULCAST CELL SITE EQUIPMENT RACK FACE LAYOUT			
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: 1-1/2"=1'
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SIZE: D
FILE NAME: 1_SFFPU_HET_09_01	DATE: 4-10-17	PROJECT NUMBER: CA-17P101A	SHEET: 1 OF 1
		DRAWING NO:	REV:

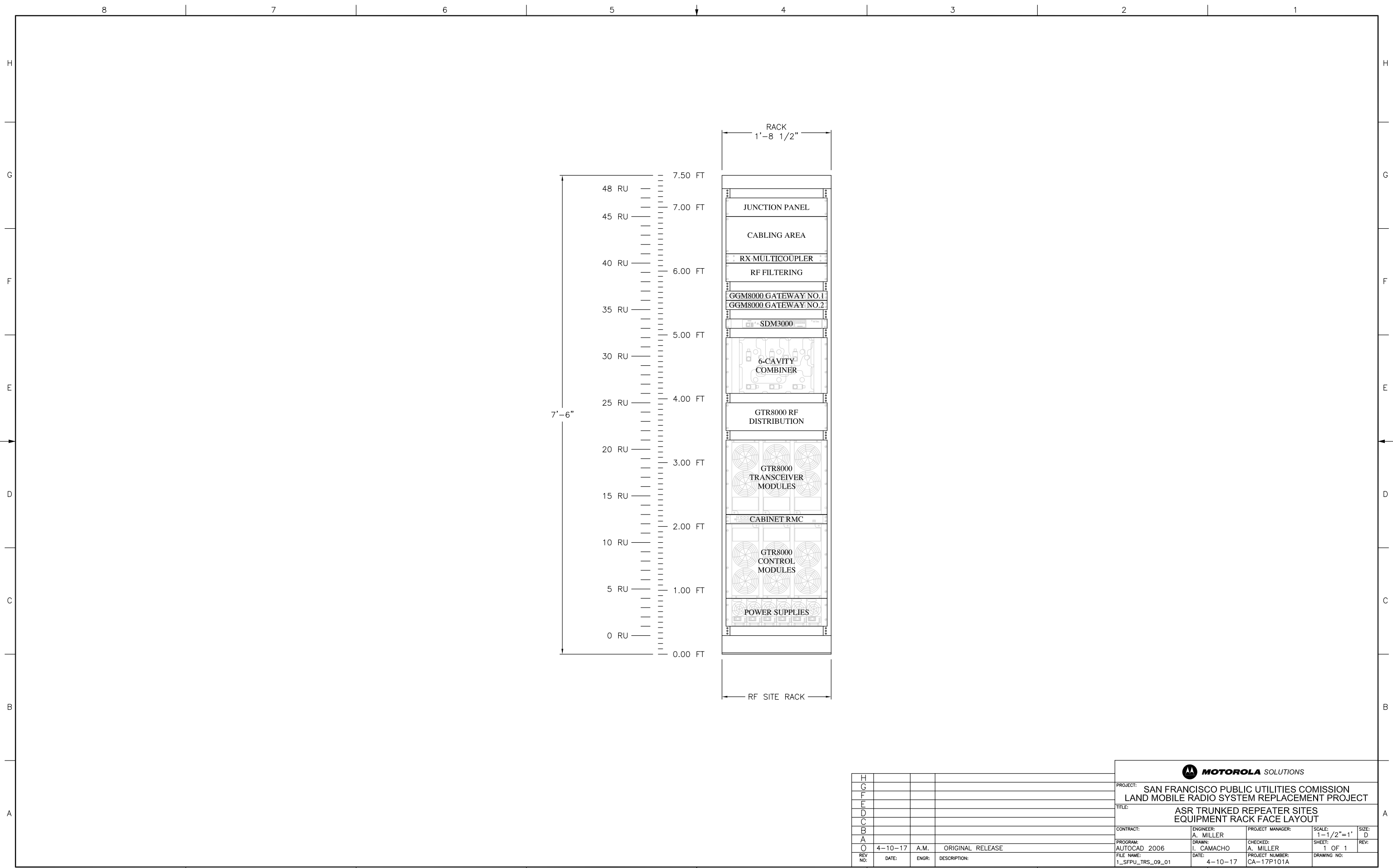
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NOTES:
 1. SITES LOCATED AT:
 SAWYER RIDGE
 KINGS MOUNTAIN
 MOUNT ALLISON
 MARCIAL PEAK
 CCWD



PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
TITLE: ASR TRUNKED REPEATER SITES SYSTEM BLOCK DIAGRAM			
CONTRACT:	ENGINEER: A. MILLER	PROJECT MANAGER:	SCALE: NONE
PROGRAM: AUTOCAD 2006	DRAWN: I. CAMACHO	CHECKED: A. MILLER	SHEET: 1 OF 1
REV NO:	DATE: 5-9-17	ENGR: A.M.	DESCRIPTION: ORIGINAL RELEASE
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ORIGINAL DOCUMENT SIZE IS 22X34, CORRECT SCALE IS NOT GUARANTEED IF REDUCED OR ENLARGED



				MOTOROLA SOLUTIONS			
				PROJECT: SAN FRANCISCO PUBLIC UTILITIES COMMISSION LAND MOBILE RADIO SYSTEM REPLACEMENT PROJECT			
				TITLE: ASR TRUNKED REPEATER SITES EQUIPMENT RACK FACE LAYOUT			
		CONTRACT:		ENGINEER: A. MILLER		PROJECT MANAGER:	
		PROGRAM: AUTOCAD 2006		DRAWN: I. CAMACHO		CHECKED: A. MILLER	
		DATE: 4-10-17		ENGR: A.M.		DESCRIPTION: ORIGINAL RELEASE	
		FILE NAME: 1_SFFPU_TRS_09_01		DATE: 4-10-17		PROJECT NUMBER: CA-17P101A	
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