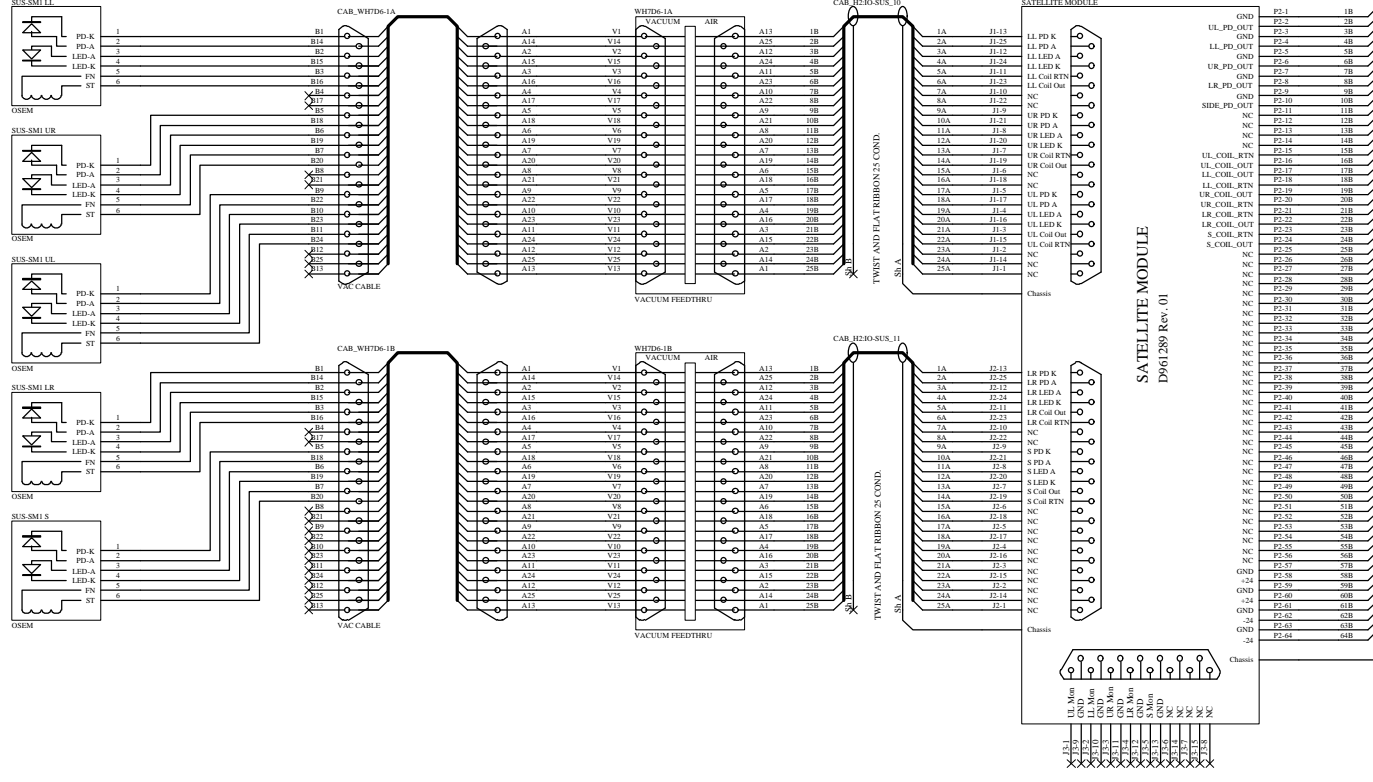
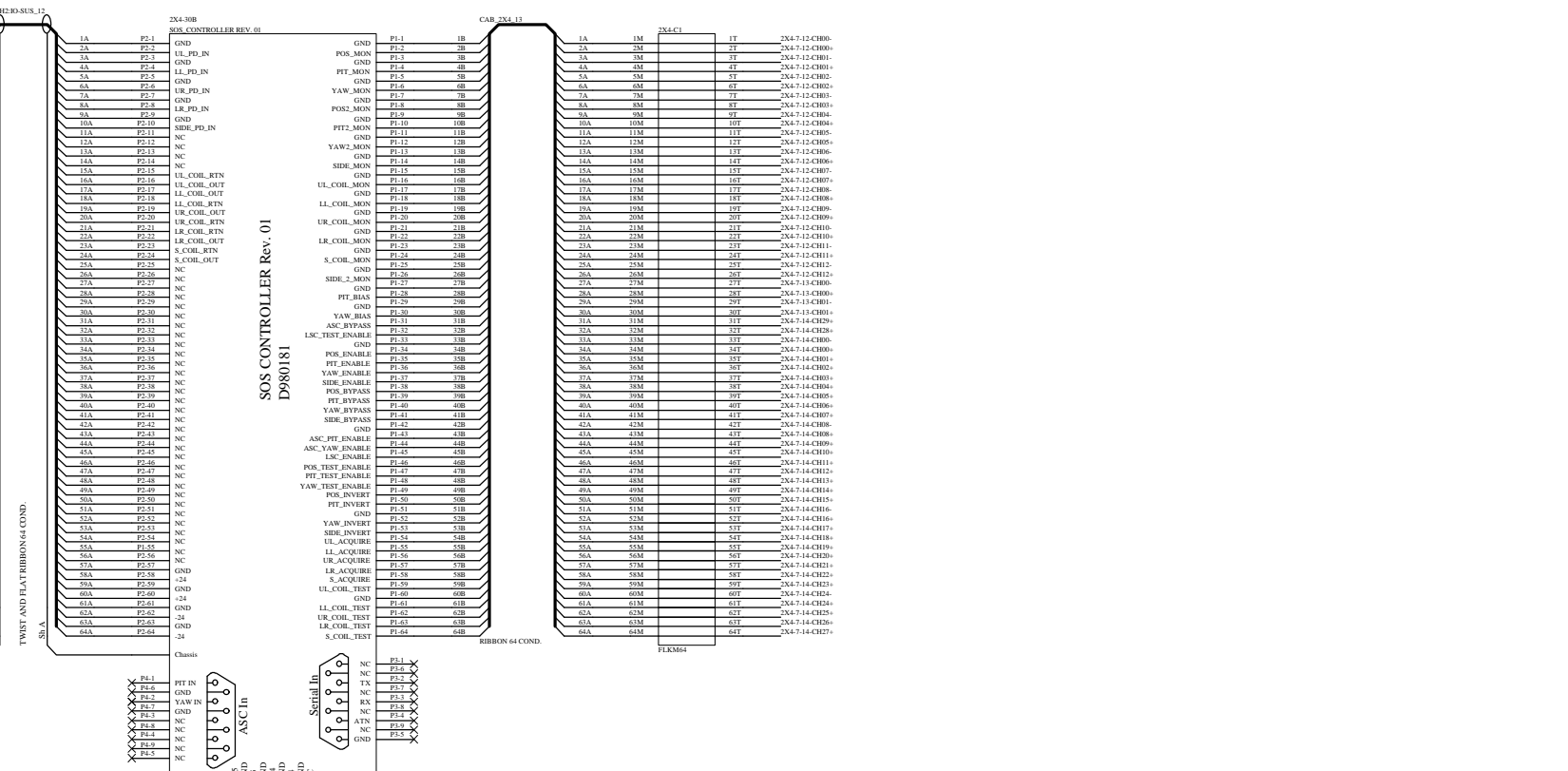
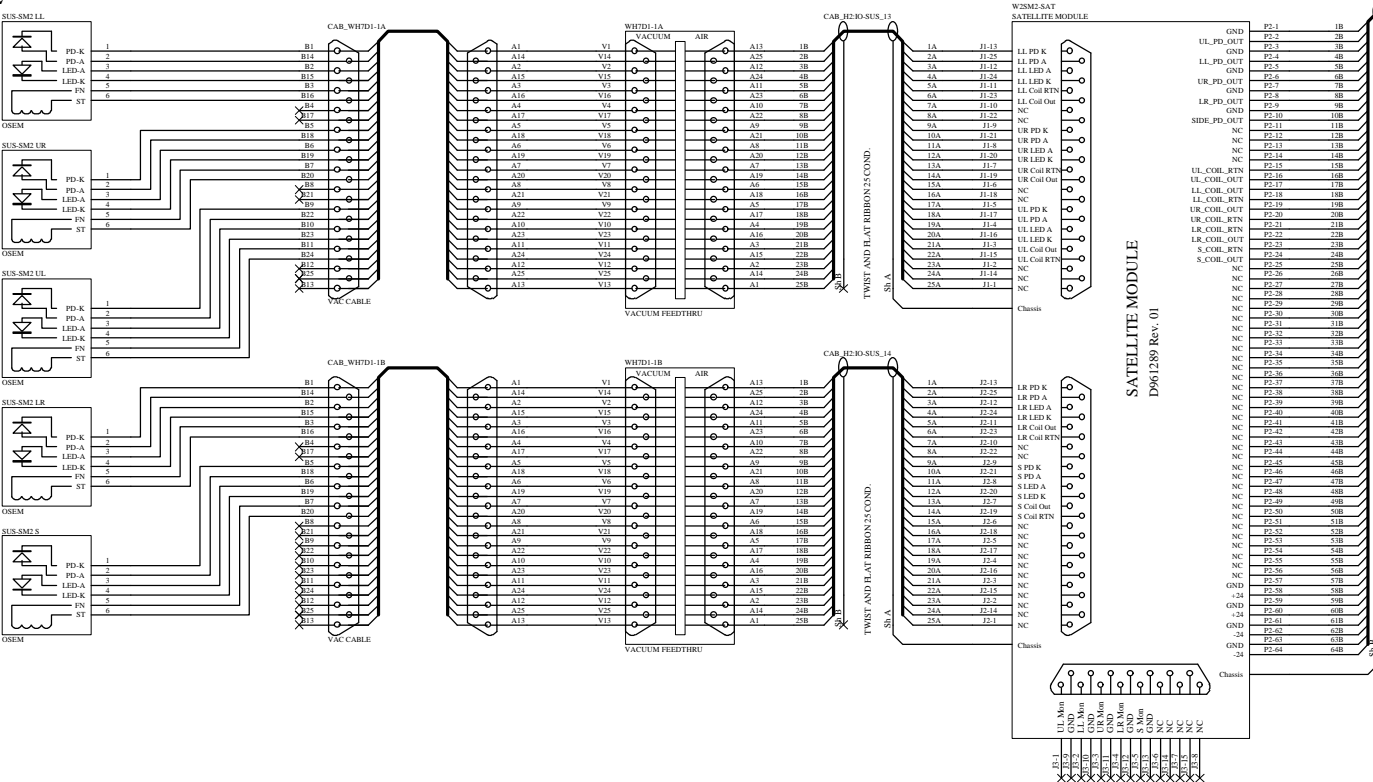


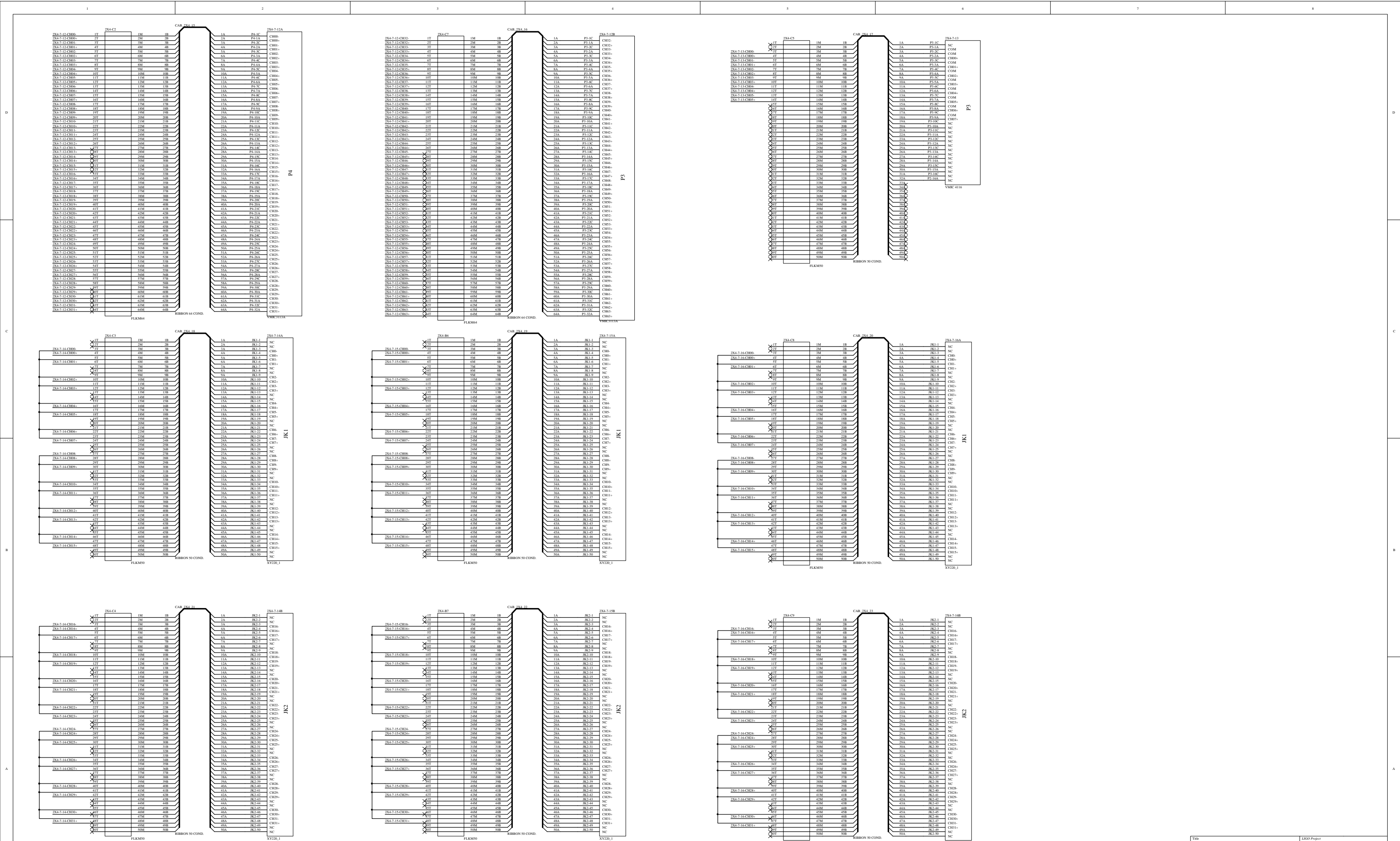


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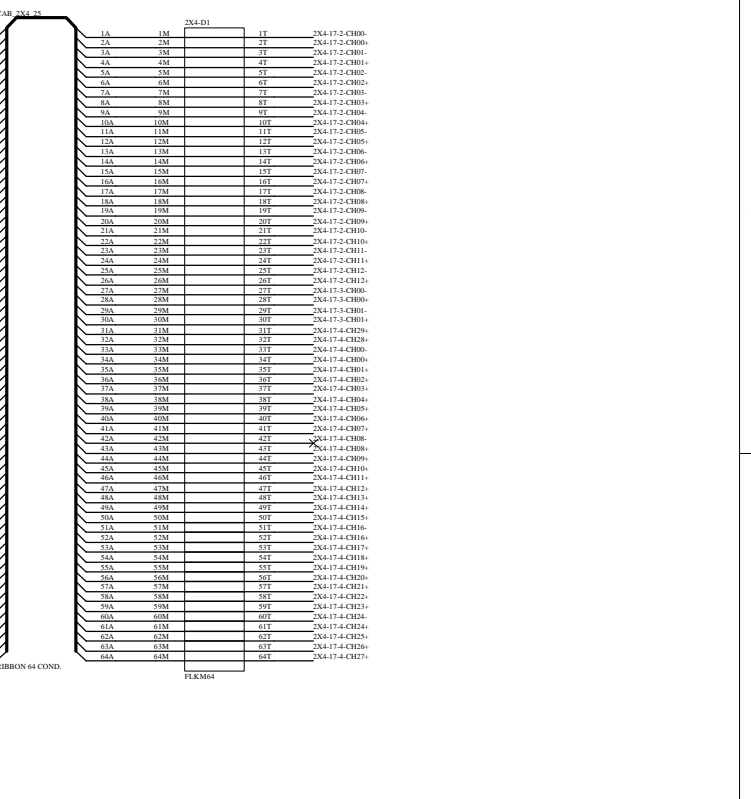
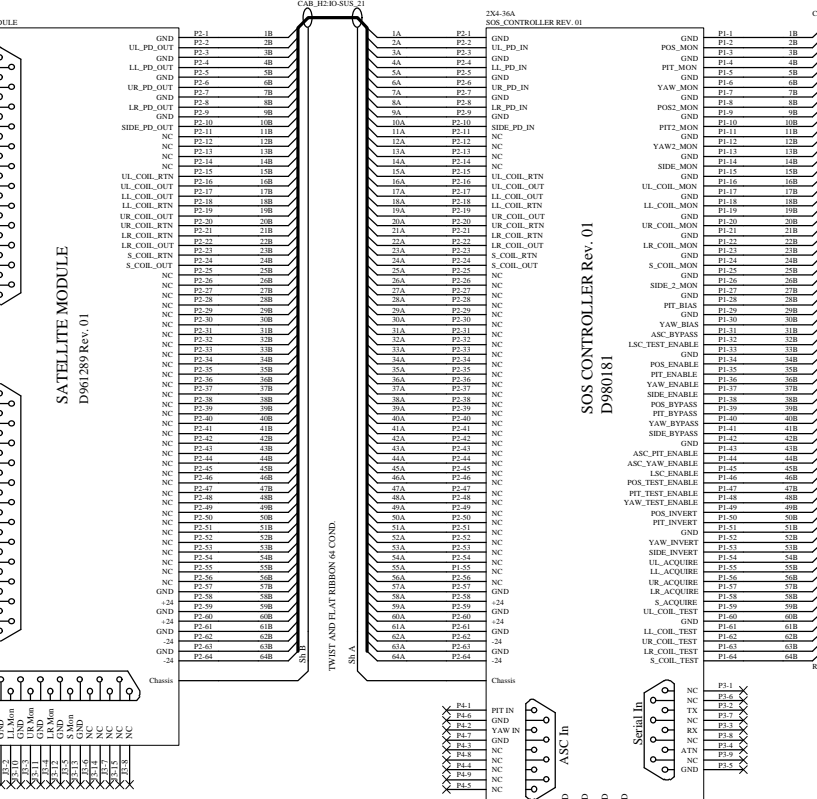
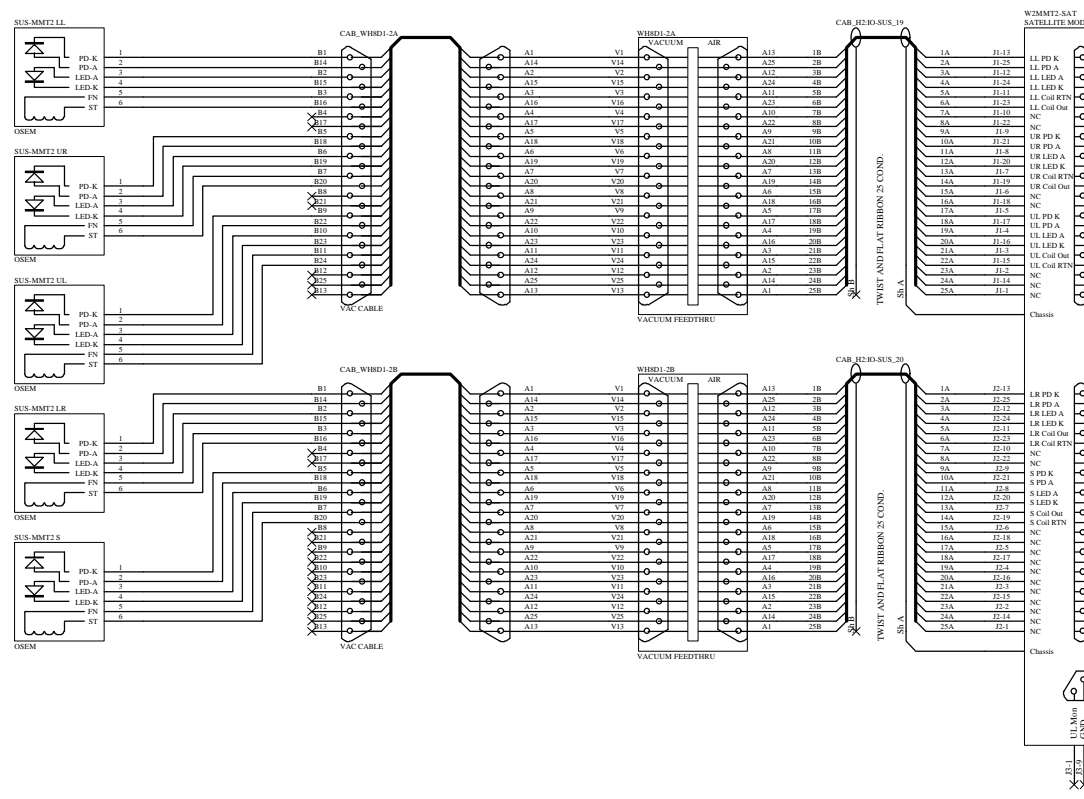
SM2



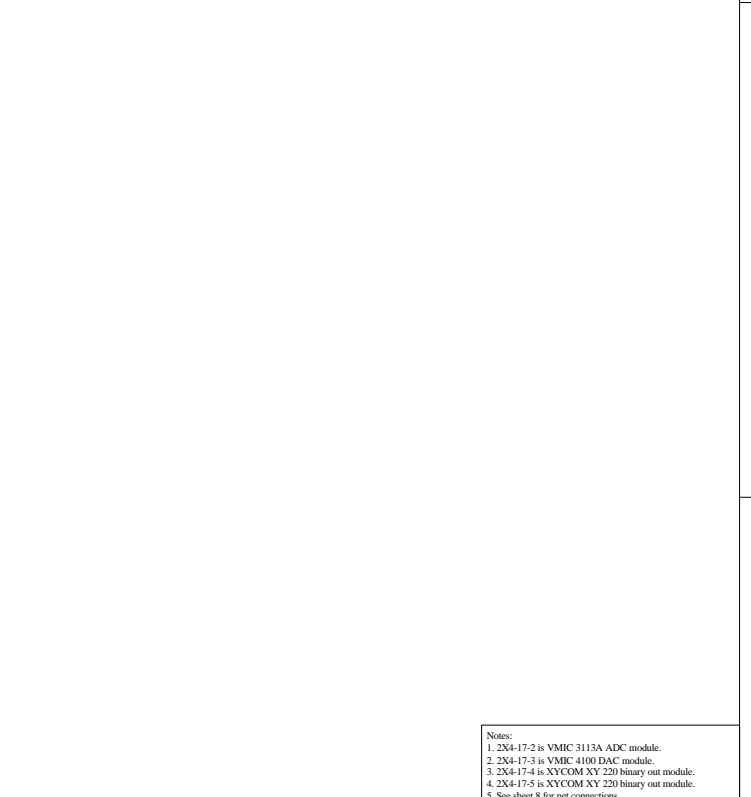
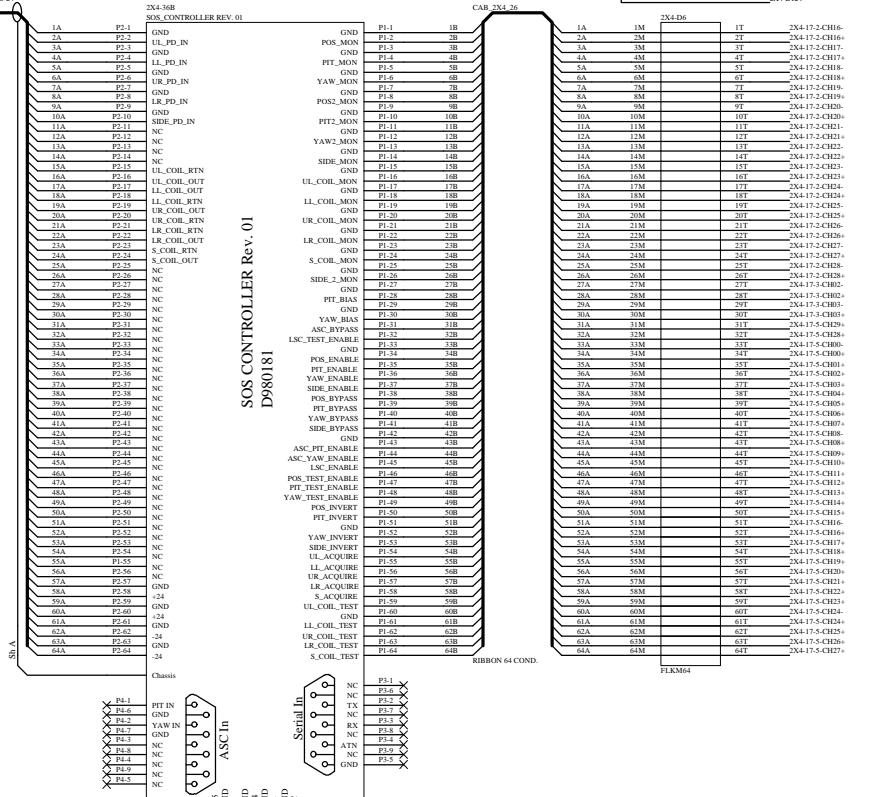
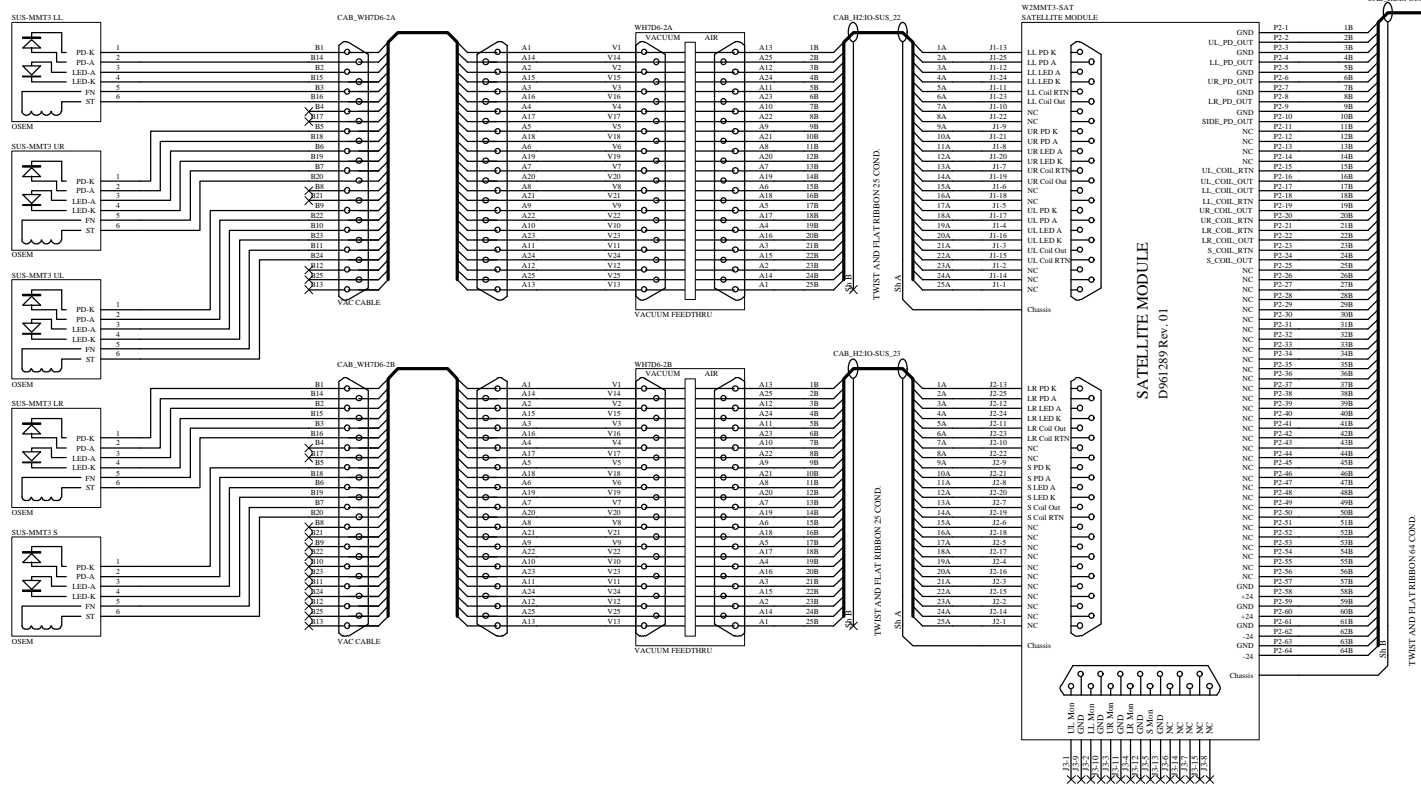




MMT2



MMT3



- Notes:
- 2X4-17-2 is VMC 3113A ADC module.
  - 2X4-17-3 is VMC 4100 DAC module.
  - 2X4-17-4 is XYCOM XY 220 binary out module.
  - 2X4-17-5 is XYCOM XY 220 binary out module.
  - See sheet 8 for net connections.

2X4-17-2A		CAB 2X4-71		2X4-17-2A	
IT	1M	1B	1A	PK-1C	CH00
2X4-17-2-CH00	17	2M	2B	2A	PK-1C
2X4-17-2-CH01	27	3M	3B	3A	PK-2C
2X4-17-2-CH02	37	4M	4B	4A	PK-3C
2X4-17-2-CH03	47	5M	5B	5A	PK-4C
2X4-17-2-CH04	57	6M	6B	6A	PK-5C
2X4-17-2-CH05	67	7M	7B	7A	PK-6C
2X4-17-2-CH06	77	8M	8B	8A	PK-7C
2X4-17-2-CH07	87	9M	9B	9A	PK-8C
2X4-17-2-CH08	97	10M	10B	10A	PK-9C
2X4-17-2-CH09	107	11M	11B	11A	PK-10C
2X4-17-2-CH10	117	12M	12B	12A	PK-11C
2X4-17-2-CH11	127	13M	13B	13A	PK-12C
2X4-17-2-CH12	137	14M	14B	14A	PK-13C
2X4-17-2-CH13	147	15M	15B	15A	PK-14C
2X4-17-2-CH14	157	16M	16B	16A	PK-15C
2X4-17-2-CH15	167	17M	17B	17A	PK-16C
2X4-17-2-CH16	177	18M	18B	18A	PK-17C
2X4-17-2-CH17	187	19M	19B	19A	PK-18C
2X4-17-2-CH18	197	20M	20B	20A	PK-19C
2X4-17-2-CH19	207	21M	21B	21A	PK-20C
2X4-17-2-CH20	217	22M	22B	22A	PK-21C
2X4-17-2-CH21	227	23M	23B	23A	PK-22C
2X4-17-2-CH22	237	24M	24B	24A	PK-23C
2X4-17-2-CH23	247	25M	25B	25A	PK-24C
2X4-17-2-CH24	257	26M	26B	26A	PK-25C
2X4-17-2-CH25	267	27M	27B	27A	PK-26C
2X4-17-2-CH26	277	28M	28B	28A	PK-27C
2X4-17-2-CH27	287	29M	29B	29A	PK-28C
2X4-17-2-CH28	297	30M	30B	30A	PK-29C
2X4-17-2-CH29	307	31M	31B	31A	PK-30C
2X4-17-2-CH30	317	32M	32B	32A	PK-31C
2X4-17-2-CH31	327	33M	33B	33A	PK-32C
2X4-17-2-CH32	337	34M	34B	34A	PK-33C
2X4-17-2-CH33	347	35M	35B	35A	PK-34C
2X4-17-2-CH34	357	36M	36B	36A	PK-35C
2X4-17-2-CH35	367	37M	37B	37A	PK-36C
2X4-17-2-CH36	377	38M	38B	38A	PK-37C
2X4-17-2-CH37	387	39M	39B	39A	PK-38C
2X4-17-2-CH38	397	40M	40B	40A	PK-39C
2X4-17-2-CH39	407	41M	41B	41A	PK-40C
2X4-17-2-CH40	417	42M	42B	42A	PK-41C
2X4-17-2-CH41	427	43M	43B	43A	PK-42C
2X4-17-2-CH42	437	44M	44B	44A	PK-43C
2X4-17-2-CH43	447	45M	45B	45A	PK-44C
2X4-17-2-CH44	457	46M	46B	46A	PK-45C
2X4-17-2-CH45	467	47M	47B	47A	PK-46C
2X4-17-2-CH46	477	48M	48B	48A	PK-47C
2X4-17-2-CH47	487	49M	49B	49A	PK-48C
2X4-17-2-CH48	497	50M	50B	50A	PK-49C
2X4-17-2-CH49	507	51M	51B	51A	PK-50C
2X4-17-2-CH50	517	52M	52B	52A	PK-51C
2X4-17-2-CH51	527	53M	53B	53A	PK-52C
2X4-17-2-CH52	537	54M	54B	54A	PK-53C
2X4-17-2-CH53	547	55M	55B	55A	PK-54C
2X4-17-2-CH54	557	56M	56B	56A	PK-55C
2X4-17-2-CH55	567	57M	57B	57A	PK-56C
2X4-17-2-CH56	577	58M	58B	58A	PK-57C
2X4-17-2-CH57	587	59M	59B	59A	PK-58C
2X4-17-2-CH58	597	60M	60B	60A	PK-59C
2X4-17-2-CH59	607	61M	61B	61A	PK-60C
2X4-17-2-CH60	617	62M	62B	62A	PK-61C
2X4-17-2-CH61	627	63M	63B	63A	PK-62C
2X4-17-2-CH62	637	64M	64B	64A	PK-63C
2X4-17-2-CH63	647	65M	65B	65A	PK-64C
2X4-17-2-CH64	657	66M	66B	66A	PK-65C
2X4-17-2-CH65	667	67M	67B	67A	PK-66C
2X4-17-2-CH66	677	68M	68B	68A	PK-67C
2X4-17-2-CH67	687	69M	69B	69A	PK-68C
2X4-17-2-CH68	697	70M	70B	70A	PK-69C
2X4-17-2-CH69	707	71M	71B	71A	PK-70C
2X4-17-2-CH70	717	72M	72B	72A	PK-71C
2X4-17-2-CH71	727	73M	73B	73A	PK-72C
2X4-17-2-CH72	737	74M	74B	74A	PK-73C
2X4-17-2-CH73	747	75M	75B	75A	PK-74C
2X4-17-2-CH74	757	76M	76B	76A	PK-75C
2X4-17-2-CH75	767	77M	77B	77A	PK-76C
2X4-17-2-CH76	777	78M	78B	78A	PK-77C
2X4-17-2-CH77	787	79M	79B	79A	PK-78C
2X4-17-2-CH78	797	80M	80B	80A	PK-79C
2X4-17-2-CH79	807	81M	81B	81A	PK-80C
2X4-17-2-CH80	817	82M	82B	82A	PK-81C
2X4-17-2-CH81	827	83M	83B	83A	PK-82C
2X4-17-2-CH82	837	84M	84B	84A	PK-83C
2X4-17-2-CH83	847	85M	85B	85A	PK-84C
2X4-17-2-CH84	857	86M	86B	86A	PK-85C
2X4-17-2-CH85	867	87M	87B	87A	PK-86C
2X4-17-2-CH86	877	88M	88B	88A	PK-87C
2X4-17-2-CH87	887	89M	89B	89A	PK-88C
2X4-17-2-CH88	897	90M	90B	90A	PK-89C
2X4-17-2-CH89	907	91M	91B	91A	PK-90C
2X4-17-2-CH90	917	92M	92B	92A	PK-91C
2X4-17-2-CH91	927	93M	93B	93A	PK-92C
2X4-17-2-CH92	937	94M	94B	94A	PK-93C
2X4-17-2-CH93	947	95M	95B	95A	PK-94C
2X4-17-2-CH94	957	96M	96B	96A	PK-95C
2X4-17-2-CH95	967	97M	97B	97A	PK-96C
2X4-17-2-CH96	977	98M	98B	98A	PK-97C
2X4-17-2-CH97	987	99M	99B	99A	PK-98C
2X4-17-2-CH98	997	100M	100B	100A	PK-99C
2X4-17-2-CH99	1007	101M	101B	101A	PK-100C

2X4-17-3		CAB 2X4-72		2X4-17-3	
IT	1M	1B	1A	PK-1C	CH00
2X4-17-3-CH00	17	2M	2B	2A	PK-1C
2X4-17-3-CH01	27	3M	3B	3A	PK-2C
2X4-17-3-CH02	37	4M	4B	4A	PK-3C
2X4-17-3-CH03	47	5M	5B	5A	PK-4C
2X4-17-3-CH04	57	6M	6B	6A	PK-5C
2X4-17-3-CH05	67	7M	7B	7A	PK-6C
2X4-17-3-CH06	77	8M	8B	8A	PK-7C
2X4-17-3-CH07	87	9M	9B	9A	PK-8C
2X4-17-3-CH08	97	10M	10B	10A	PK-9C
2X4-17-3-CH09	107	11M	11B	11A	PK-10C
2X4-17-3-CH10	117	12M	12B	12A	PK-11C
2X4-17-3-CH11	127	13M	13B	13A	PK-12C
2X4-17-3-CH12	137	14M	14B	14A	PK-13C
2X4-17-3-CH13	147	15M	15B	15A	PK-14C
2X4-17-3-CH14	157	16M	16B	16A	PK-15C
2X4-17-3-CH15	167	17M	17B	17A	PK-16C
2X4-17-3-CH16	177	18M	18B	18A	PK-17C
2X4-17-3-CH17	187	19M	19B	19A	PK-18C
2X4-17-3-CH18	197	20M	20B	20A	PK-19C
2X4-17-3-CH19	207	21M	21B	21A	PK-20C
2X4-17-3-CH20	217	22M	22B	22A	PK-21C
2X4-17-3-CH21	227	23M	23B	23A	PK-22C
2X4-17-3-CH22	237	24M	24B	24A	PK-23C
2X4-17-3-CH23	247	25M	25B	25A	PK-24C
2X4-17-3-CH24	257	26M	26B	26A	PK-25C
2X4-17-3-CH25	267	27M	27B	27A	PK-26C
2X4-17-3-CH26	277	28M	28B	28A	PK-27C
2X4-17-3-CH27	287	29M	29B	29A	PK-28C
2X4-17-3-CH28	297	30M	30B	30A	PK-29C
2X4-17-3-CH29	307	31M	31B	31A	PK-30C
2X4-17-3-CH30	317	32M	32B	32A	PK-31C
2X4-17-3-CH31	327	33M	33B	33A	PK-32C
2X4-17-3-CH32	337	34M	34B	34A	PK-33C
2X4-17-3-CH33	347	35M	35B	35A	PK-34C
2X4-17-3-CH34	357	36M	36B	36A	PK-35C
2X4-17-3-CH35	367	37M	37B	37A	PK-36C
2X4-17-3-CH36	377	38M	38B	38A	PK-37C
2X4-17-3-CH37	387	39M	39B	39A	PK-38C
2X4-17-3-CH38	397	40M	40B	40A	PK-39C
2X4-17-3-CH39	407	41M	41B	41A	PK-40C
2X4-17-3-CH40	417	42M	42B	42A	PK-41C
2X4-17-3-CH41	427	43M	43B	43A	PK-42C
2X4-17-3-CH42	437	44M	44B	44A	PK-43C
2X4-17-3-CH43	447	45M	45B	45A	PK-44C
2X4-17-3-CH44	457	46M	46B	46A	PK-45C
2X4-17-3-CH45	467	47M	47B	47A	PK-46C
2X4-17-3-CH46	477	48M	48B	48A	PK-47C
2X4-17-3-CH47	487	49M	49B	49A	PK-48C
2X4-17-3-CH48	497	50M	50B	50A	PK-49C
2X4-17-3-CH49	507	51M	51B	51A	PK-50C
2X4-17-3-CH50	517	52M	52B	52A	PK-51C
2X4-17-3-CH51	527	53M	53B	53A	PK-52C
2X4-17-3-CH52	537	54M	54B	54A	PK-53C
2X4-17-3-CH53	547	55M	55B	55A	PK-54C
2X4-17-3-CH54	557	56M	56B	56A	PK-55C
2X4-17-3-CH55	567	57M	57B	57A	PK-56C
2X4-17-3-CH56	577	58M	58B	58A	PK-57C
2X4-17-3-CH57	587	59M	59B	59A	PK-58C
2X4-17-3-CH58	597	60M	60B	60A	PK-59C
2X4-17-3-CH59	607	61M	61B	61A	PK-60C
2X4-17-3-CH60	617	62M	62B	62A	PK-61C
2X4-17-3-CH61	627	63M	63B	63A	PK-62C
2X4-17-3-CH62	637	64M	64B	64A	PK-63C
2X4-17-3-CH63	647	65M	65B	65A	PK-64C
2X4-17-3-CH64	657	66M	66B	66A	PK-65C
2X4-17-3-CH65	667	67M	67B	67A	PK-66C
2X4-17-3-CH66	677	68M	68B	68A	PK-67C
2X4-17-3-CH67	687	69M	69B	69A	PK-68C
2X4-17-3-CH68	697	70M	70B	70A	PK-69C
2X4-17-3-CH69	707	71M	71B	71A	PK-70C
2X4-17-3-CH70	717	72M	72B	72A	PK-71C
2X4-17-3-CH71	727	73M	73B	73A	PK-72C
2X4-17-3-CH72	737	74M	74B	74A	PK-73C
2X4-17-3-CH73	747	75M	75B	75A	PK-74C
2X4-17-3-CH74	757	76M	76B	76A	PK-75C
2X4-17-3-CH75	767	77M	77B	77A	PK-76C
2X4-17-3-CH76	777	78M	78B	78A	PK-77C
2X4-17-3-CH77	787	79M	79B	79A	PK-78C
2X4-17-3-CH78	797	80M	80B	80A	PK-79C
2X4-17-3-CH79	807	81M	81B	81A	PK-80C
2X4-17-3-CH80	817	82M	82B	82A	PK-81C
2X4-17-3-CH81	827	83M	83B	83A	PK-82C
2X4-17-3-CH82	837	84M	84B	84A	PK-83C
2X4-17-3-CH83	847	85M	85B	85A	PK-84C
2X4-17-3-CH84	857	86M	86B	86A	PK-85C
2X4-17-3-CH85	867	87M	87B	87A	PK-86C
2X4-17-3-CH86	877	88M	88B	88A	PK-87C
2X4-17-3-CH87	887	89M	89B	89A	PK-88C
2X4-17-3-CH88	897	90M	90B	90A	PK-89C
2X4-17-3-CH89	907	91			



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Document Revision Log		
Revision #	DCN	Description
A	E980312-00-C	Initial release of drawings for installation.
B	E980TBD-00-C	<ol style="list-style-type: none"> <li>1. Change cable numbers to match new convention.</li> <li>2. Update vacuum port numbers to match as built cables and installation.</li> <li>3. Minor spelling and cosmetic changes.</li> <li>4. Addition of shield connections to schematics.</li> </ol>

D

D

C

C

B

B

A

A

Title		<i>LIGO Project</i>	
<b>WA 2K 100 Suspension System Wiring</b>		<i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i>	
Size: B	Number: D980213	Revision: B	<i>J. Heefner</i>
File: I:\CAD\LIGO\USERS\JAY\WA2K_100\SUSPENS-QA\ODM\SUSGH4		Sheet 9	of 9

1

2

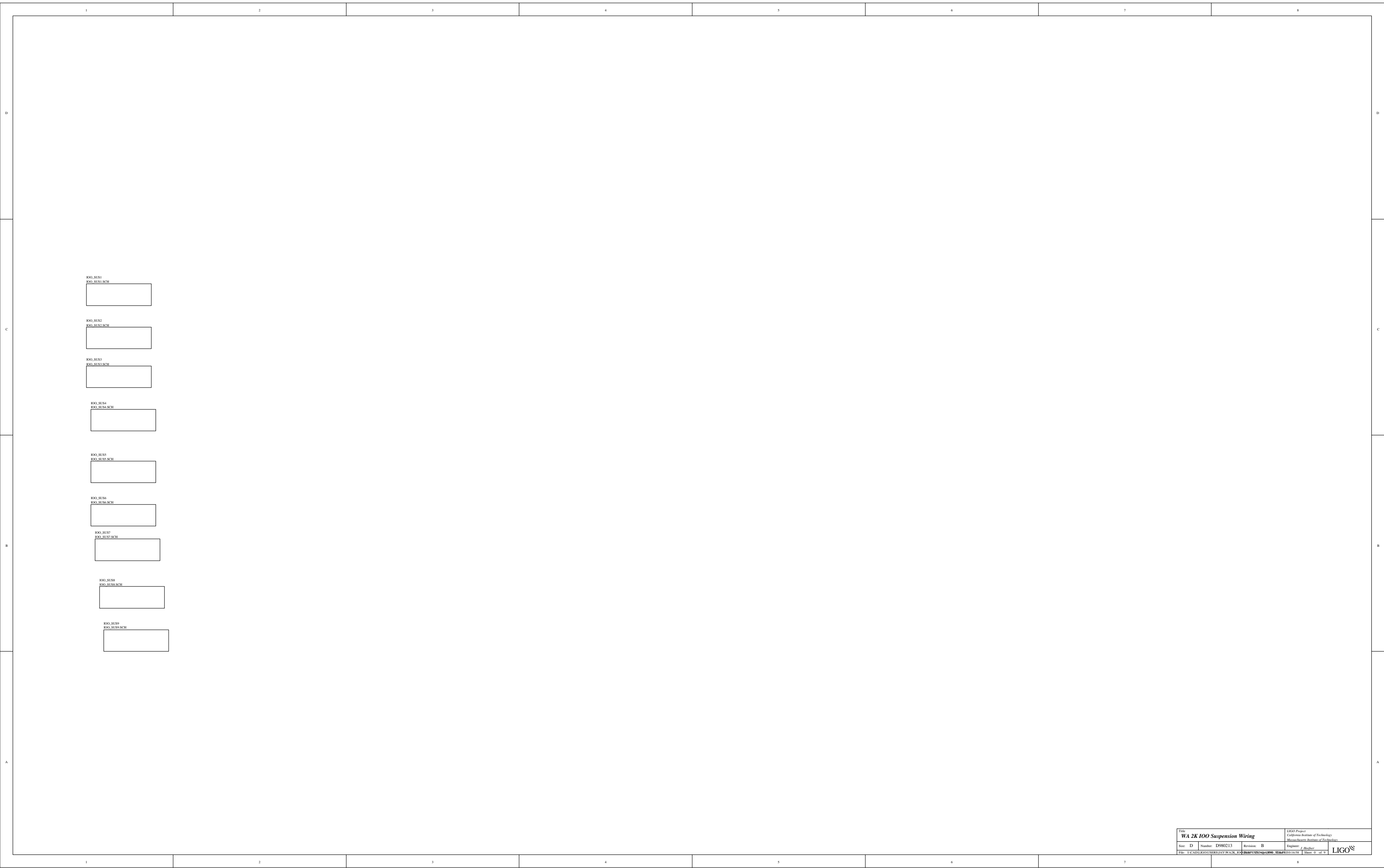
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6





100\_SUS1  
100\_SUS1.SCH

100\_SUS2  
100\_SUS2.SCH

100\_SUS3  
100\_SUS3.SCH

100\_SUS4  
100\_SUS4.SCH

100\_SUS5  
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100\_SUS6  
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100\_SUS9  
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