

General Update

- SPR
 - AC replacement week of 16th of August
 - Preparations for new unit
 - JBOD ready for use (4x 200TB available now)
- Antonio Feed
 - PY-018 ready (PAX Box issue)
 - PY-001 same problem
 - PY-004 issue on Y-pol
- Other
 - Control Box replaced at 2B
 - Debugged issues
 - Broken V1 feeds removed
 - Attemplifier modules construction
 - Wire harness construction for Antonio Feeds

- Antonio Feed Overview
 - 21 Antennas fully operational
 - 17 / 19 Antonio Feeds

Control Box issue:

- Labeling of fiber connector on SRI PCB wrong
- On one occasion EL and AZ connecter was swapped.



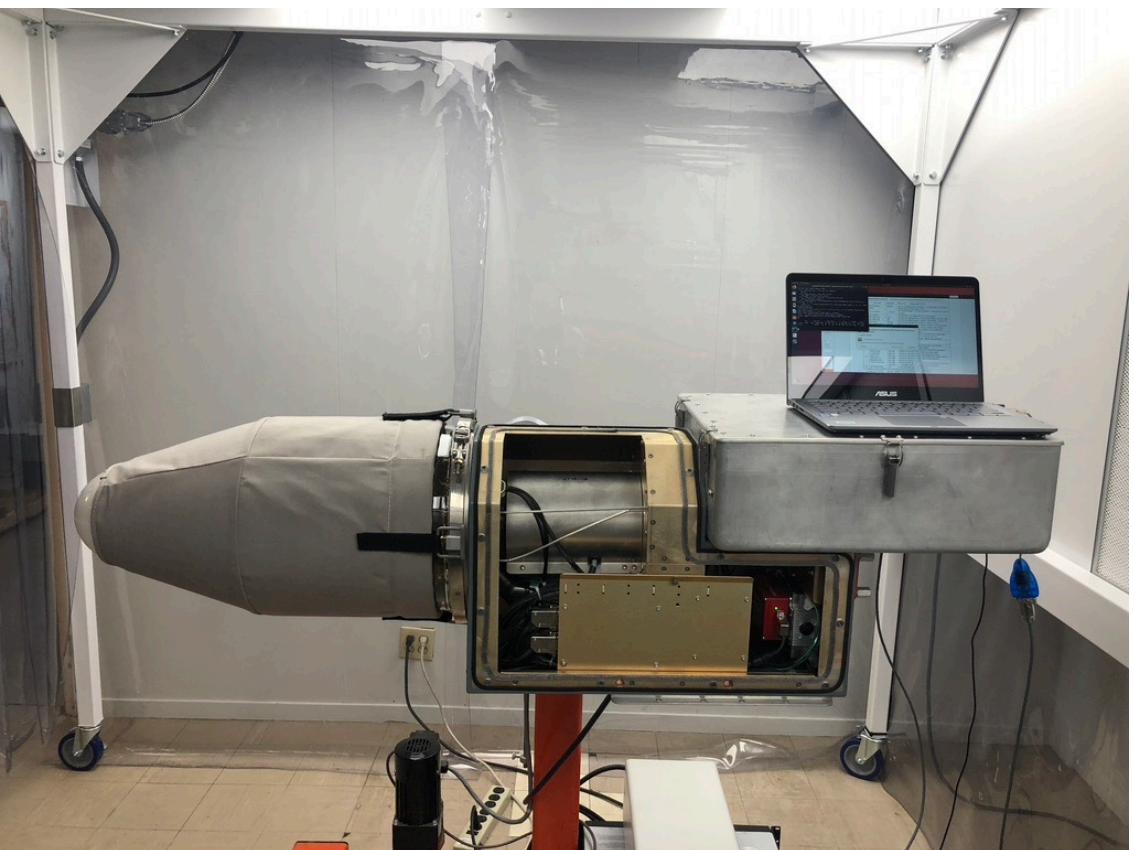
System Status		Explanation			
ATA Syst... Disarme... (none); (none)					
Wind 10m Avg/30m Max/10m Avg Dir		Outside Temp		SPR T	
04/08 mph 323.9 deg		27.6C/81F		0.0C/32F	
Local		UT		LST	
5-Aug-21 11:33:31.592		2021-08-05T18:34:08.592Z		7.429	
Name	Status	Source	Pointing	Command	Error
ant0a	Down				
ant1a	Running	AzEl	0.00, 18.00	0.00, 18.00	0.000, 0.001
ant1b	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.001, 0.001
ant1c	Running	AzEl	0.00, 18.00	0.00, 18.00	0.000, 0.000
ant1d	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.003, -0.002
ant1e	Running	AzEl	180.00, 18.00	180.00, 18.00	0.000, -0.000
ant1f	Running	AzEl	-0.00, 18.00	0.00, 18.00	-0.000, 0.003
ant1g	Running	AzEl	180.00, 18.00	180.00, 18.00	0.000, -0.002
ant1h	Running	AzEl	0.00, 18.00	0.00, 18.00	0.000, -0.000
ant1j	Running	AzEl	180.00, 18.00	180.00, 18.00	0.000, 0.003
ant1k	Stopped	Stay put	14.88, 28.16	14.88, 28.16	0.000, 0.000
ant2a	Running	AzEl	-0.00, 18.00	0.00, 18.00	-0.000, -0.001
ant2b	Running	AzEl	0.00, 18.00	0.00, 18.00	0.000, 0.000
ant2c	Running	AzEl	180.00, 17.99	180.00, 18.00	0.002, -0.005
ant2d	Running				
ant2e	Running	AzEl	180.00, 18.00	180.00, 18.00	0.000, 0.001
ant2f	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.000, -0.000
ant2g	Running	AzEl	179.99, 18.00	180.00, 18.00	-0.008, 0.001
ant2h	Running	Stay put	266.86, 16.53	266.86, 16.53	0.000, 0.000
ant2j	Running	AzEl	180.00, 18.00	180.00, 18.00	0.000, 0.001
ant2k	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.001, -0.000
ant2l	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.003, -0.003
ant2m	Running	AzEl	180.00, 18.00	180.00, 18.00	0.002, 0.003
ant3c	Running	AzEl	180.00, 18.00	180.00, 18.00	0.001, -0.003
ant3d	Running	Stay put	266.84, 29.10	266.84, 29.10	0.000, 0.000
ant3e	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.000, -0.004
ant3f	Down				
ant3g	Down				
ant3h	Down				
ant3j	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.003, -0.003
ant3l	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.000, 0.000
ant4e	Running	AzEl	180.01, 14.88	180.00, 18.00	0.012, -3.115
ant4f	Running	AzEl	180.00, 17.77	180.00, 18.00	-0.002, -0.227
ant4g	Running	Stay put	266.84, 29.11	266.84, 29.11	0.000, 0.000
ant4h	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.001, -0.001
ant4j	Running	AzEl	0.00, 18.00	0.00, 18.00	0.002, 0.001
ant4k	Running	AzEl	180.00, 18.00	180.00, 18.00	0.003, 0.000
ant4l	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.003, 0.000
ant5b	Running	AzEl	180.00, 18.00	180.00, 18.00	0.003, 0.002
ant5c	Running	AzEl	0.00, 18.00	0.00, 18.00	0.002, 0.001
ant5e	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.000, 0.002
ant5g	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.002, -0.001
ant5h	Running	AzEl	180.00, 18.00	180.00, 18.00	-0.000, -0.001
Tuning A		Tuning B		Tuning C	
9120.0		8450.0		15000.0	
Tuning D					
1400.0					

V1 Feeds:



V1 Feeds:

- Reuse the PAX Box enclosure

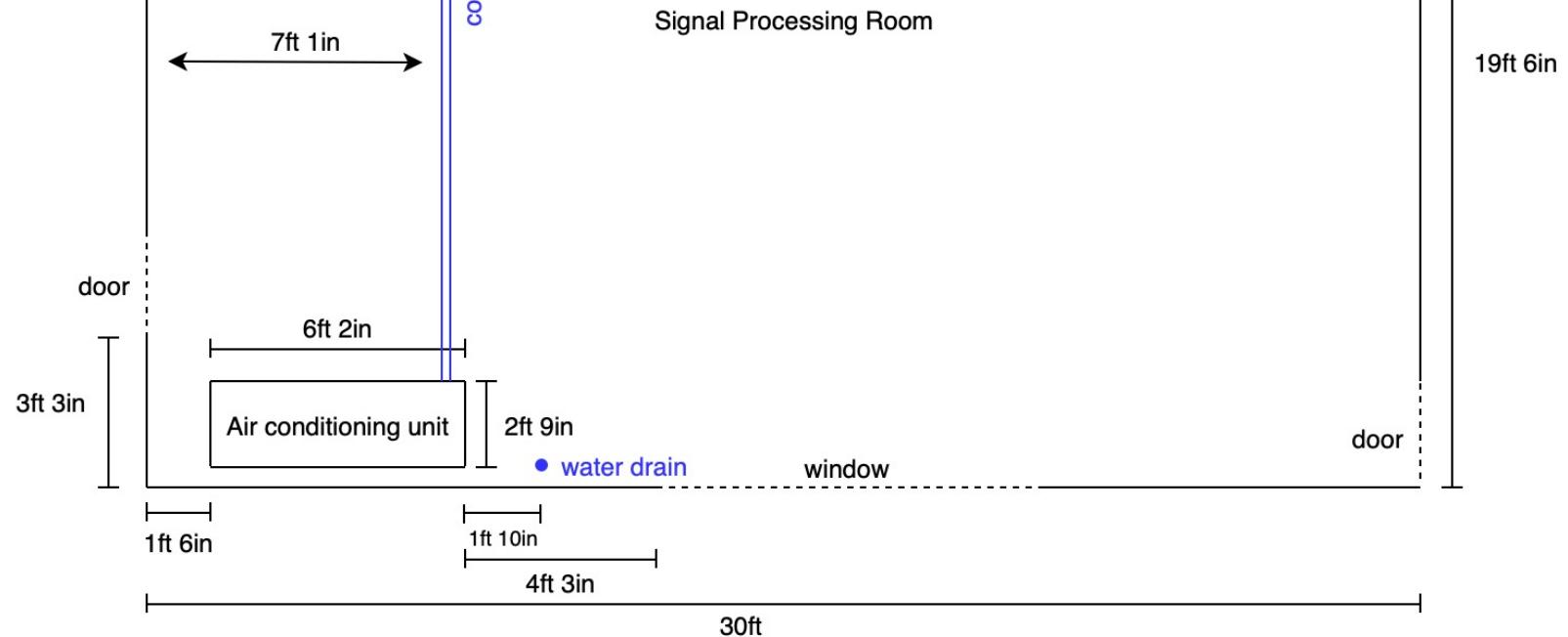




A technical diagram of a condenser unit. The unit is a rectangular box labeled "Condenser". To the left of the unit, there is a vertical pipe assembly. A red square at the bottom of this assembly is labeled "Condenser switch". Above the condenser, a horizontal dimension line indicates a width of "7ft 8in". To the left of the unit, a dimension line indicates a distance of "~8ft" from a vertical line labeled "Outside". At the bottom left, a dimension line indicates a height of "1ft". At the bottom right, a dimension line indicates a height of "3ft 7in". A small dimension line near the bottom center indicates a height of "~1ft" for the condenser switch assembly.



Location of Main Power distribution for HCRO



AC replacement:

- Power requirement



Location of Main Power distribution for HCRO with 70A fuse

#6
existing wire

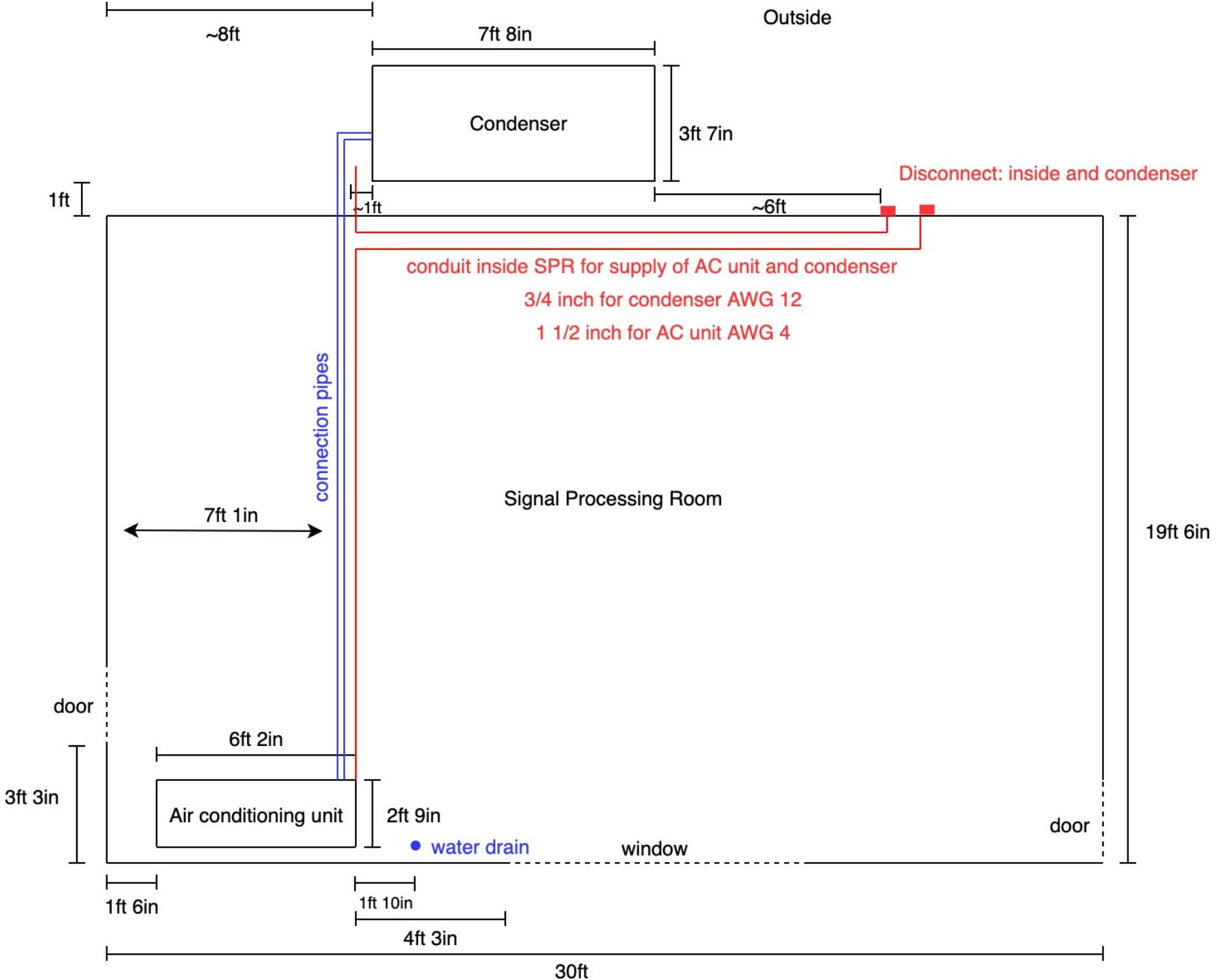


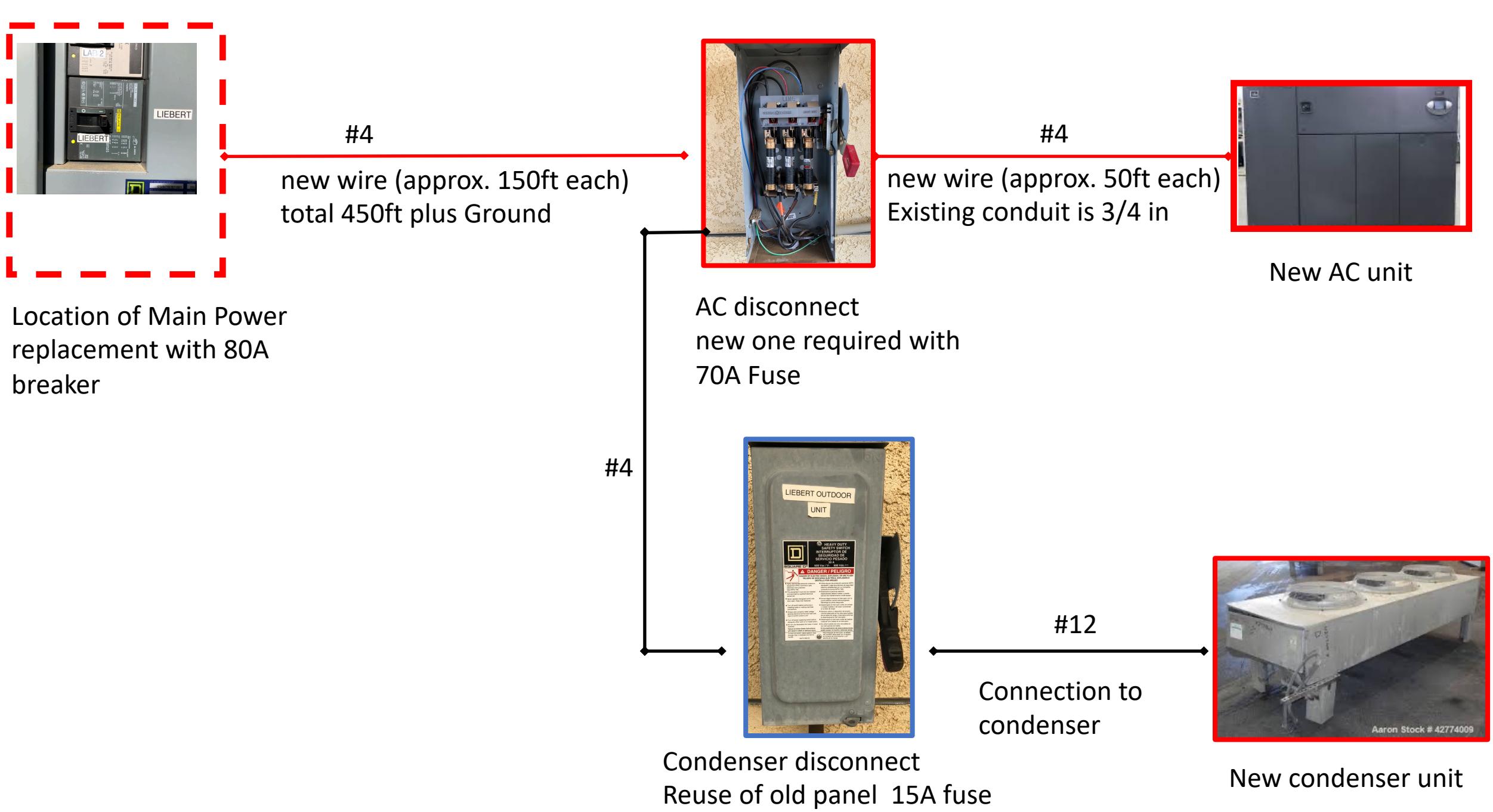
AC disconnect with 60A fuse

#8
new wire (approx. 50ft)
Existing conduit is 3/4 in

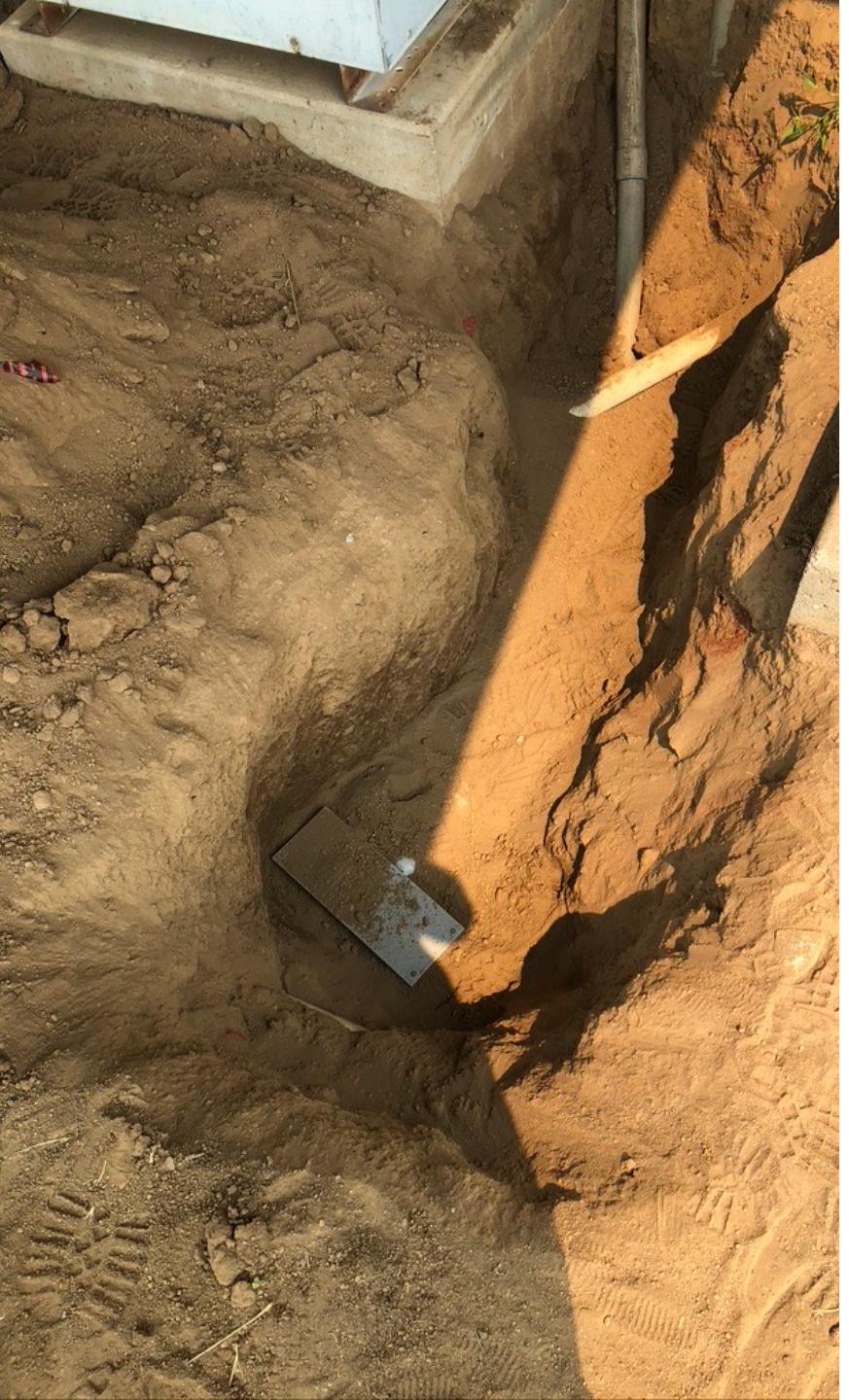


AC unit







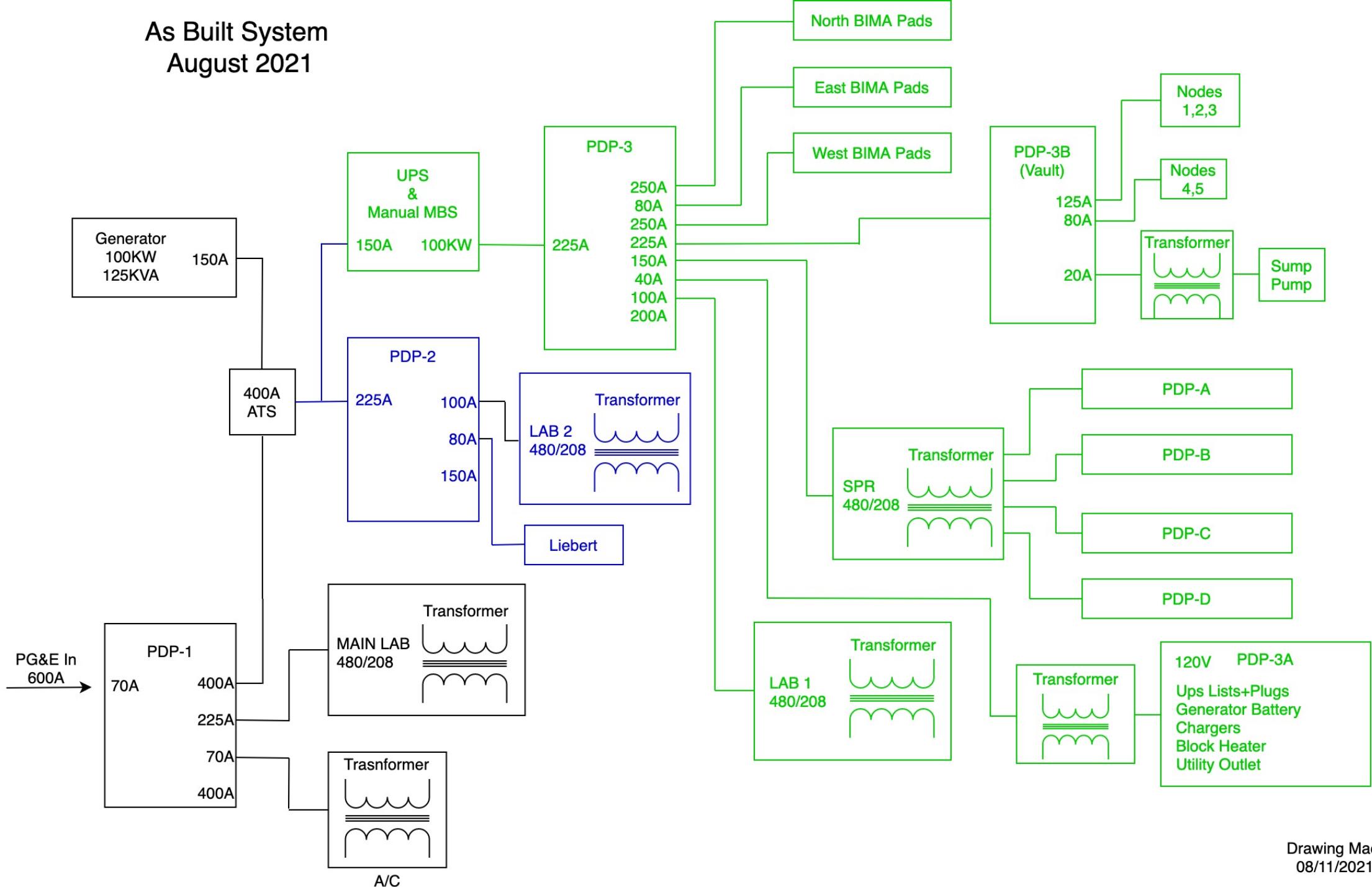






As Built System

August 2021



Drawing Made
08/11/2021

master  Front-Page / MEMOS /		 Go to file	 Add file 	
 AlexanderPollak	added memos	f72d93c	2 minutes ago	 History
..				
 2019-10 Antenna Tsys Measurement	added memos		2 minutes ago	
 2020-02 PAX Power Level Control Software	added memos		2 minutes ago	
 2020-09 ATA Dynamic Range Report	added memos		2 minutes ago	
 2020-10 RFCB-Measurement Report	added memos		2 minutes ago	
 2021-03 Interface & Rate Sheet	added memos		2 minutes ago	
 2021-04 Pointing-Calibration	added memos		2 minutes ago	
 2021-07 Antonio Feed Buildout	added memos		2 minutes ago	
 .DS_Store	added memos		2 minutes ago	
 Readme.md	Update Readme.md		10 months ago	