



Al Conrad &lt;aconrad@lbto.org&gt;

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## iLocator 5/3 meeting notes

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Mark Smithwright &lt;msmithwright@lbto.org&gt;

Mon, May 6, 2024 at 5:10 AM

To: Al Conrad <aconrad@lbto.org>, Alessandro Cavallaro <acavallaro@lbto.org>, Joseph Shields <jshields@lbto.org>, James Riedl <jriedl@lbto.org>, Jay Prothro <jprothro@as.arizona.edu>, Patrick Hartley <phartley@lbto.org>, "Crass, Jonathan" <crass.7@osu.edu>, Elliott Solheid <esolheid@lbto.org>

Update - 5/6/24

- Still planning for getting the enclosure installed before SSD.
- Bolt hole locations are needed. - Elliott provided a photo of the pier wall and the center lines are marked very well.
- Tasks that can be delayed to the fall are those that either:
  - are not needed for enclosure installation, or
  - can be completed after enclosure installation.
- These include:
  - Ceiling unistrut needed for drip pans, etc - We do need to make/order the support brackets and attach to the wall as it is easier now, Michael and Elliott are to determine what is needed.
  - Pump and HVAC controls to be mounted on the 'peg board'. (Peter will provide a drawing of this layout.) - this will wait until fall
- Some of the parts and equipment needed for the fall are being ordered now. - the double wide UniStrut
- For HVAC, a bill of materials is needed. - Peter to Provide
- Whenever possible, parts and equipment (e.g., a fan or a pump) should match what already exists at the telescope (to reduce training needed, spares needed, etc). 208V Single Phase question to be resolved and choice of Fan to be provided to Jay (Peter)
- Parts and equipment that are in hand, but not needed until fall, are being labelled and stored so that they can be easily located after the busy SSD.
- Electrical
  - The three panels have been installed.
  - Specification of the electrical wiring from panels to junction boxes is needed before those runs can be pulled.
  - Peter will provide Jay with this information (load, voltage, phase). - They can be pulled later but up to Jay and team to decide when based on work load
  - Jonathan needs an updated version of the electrical drawing to match the phase/location.
  - Due to the number of bends, it is not possible to install a pull-tape and postpone this wiring. They can be pulled later but up to Jay and team to decide based on work load
- Al will request from Jonathan a sketch that shows the (4 total?) fiber runs related to iLocator, including: Note that only one is required for the near term tests with Camera
  - Digital communication from SX bent Gregorian to CRB.
  - Science fiber from SX BG to the iLocator cryostat on 3L.
  - Science fiber from SX BG to the visitor spectrograph being tested this month.
  - A new fiber for the ARGOS cal unit that is needed to increase its brightness. - need to speak with Allesandro to learn more

[Quoted text hidden]

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