NGAO Design choices for FRD development

- ☐ Subsystems/design choices **common** to all architectures
  - ☐ Sodium Lasers
  - ☐ Sodium Laser Asterism
  - ☐ Beam Transfer System
  - ☐ Laser Launch Telescope
  - ☐ NGS HO WFS
  - ☐ Acquisition Camera(s)
  - ☐ Turbulence (and maybe wind) Profiler
  - ☐ Observation Planning Tools
  - ☐ M1
  - ☐ Laser Safety System
  - ☐ AO Telemetry Recorder
  - ☐ Science Instrument Data Archive
- ☐ Subsystems/design choices that **differ slightly** between architectures
  - ☐ Sodium HO WFS's
  - ☐ NIR LO WFS's
  - ☐ Telescope Simulator Subsystem
  - ☐ Tomographic RTC
  - ☐ Supervisory Control Software
  - ☐ d-NIRI MEMS Science DM's
  - ☐ Telescope Vibration Reduction
  - ☐ ADC's
- ☐ Subsystems/design choice that **differ significantly** between architecture
  - ☐ M2
  - ☐ Science Instruments
  - ☐ Enclosure
  - ☐ Mechanical Support Structure
- ☐ Subsystems/design choices that are **common to a subset of** architectures
  - ☐ K-mirror Field Derotator
  - ☐ Barrel Field Derotator
  - ☐ Metrology System
  - ☐ Wide-field TT Mirror
  - ☐ Narrow-field Instrument MEMS Science DM
  - ☐ Adaptive Secondary
  - ☐ Low-order wide-field DM
  - ☐ High-order wide-field DM
- ☐ **Unknown**
  - ☐ PSF Calibration Camera / Algorithms