Laser Work Update & Schedule

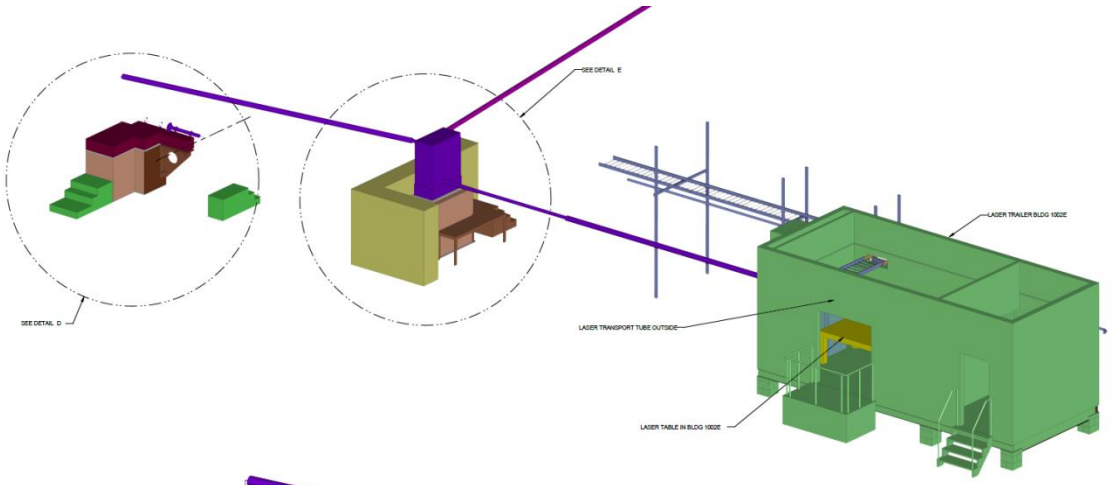
Zhi Zhao

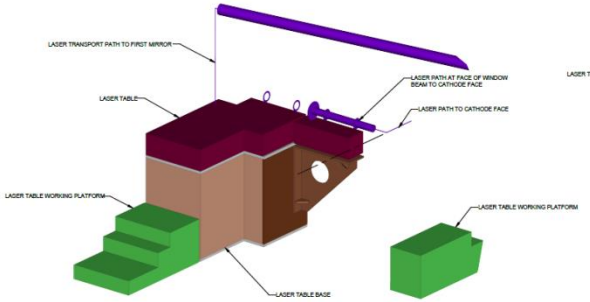
August 18, 2016

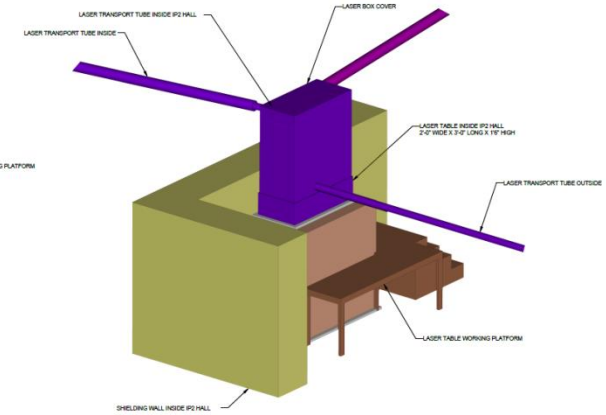
Outline

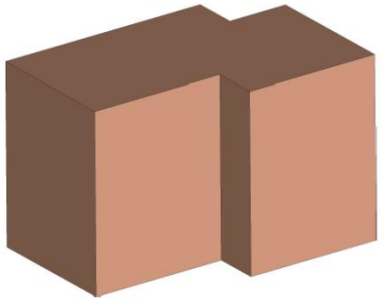
- Laser transport - update
- ERL laser room - update

Laser transport – Updated Layout

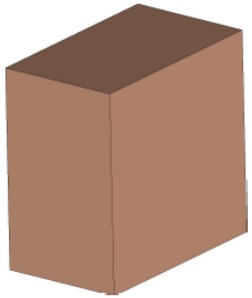




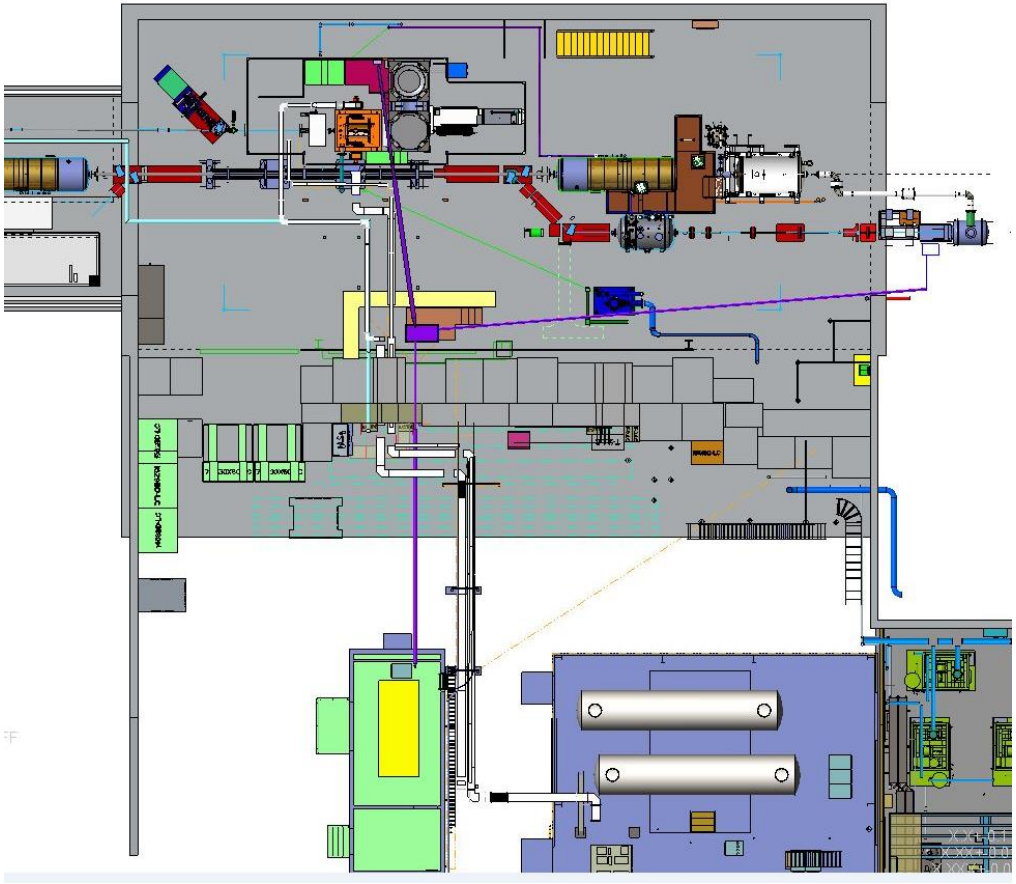




Finalized?



Laser transport – CeC



- 1:2 imaging for CeC laser transport
- 3x5x1.5 ft^3 table (available in 912)

Laser Transport – Part Update

- Three optical tables:

  5x12x2 ft^3, 2x4x4" ft^2, 4x6x1 (8") ft^3 & extension

- View window: ordered
- Vacuum pipe, flange, and mechanical support
- Mirrors, lens, & position feedback: quotes are ready
- Mechanical support: lifting and lowering the beam

- Walls for laser tables:
- temperature & humidity control:
- Shielding block:
- Laser trailer - renovation

ERL Laser Room

- Chillers

- Interlock: Enable ≠ Laser on