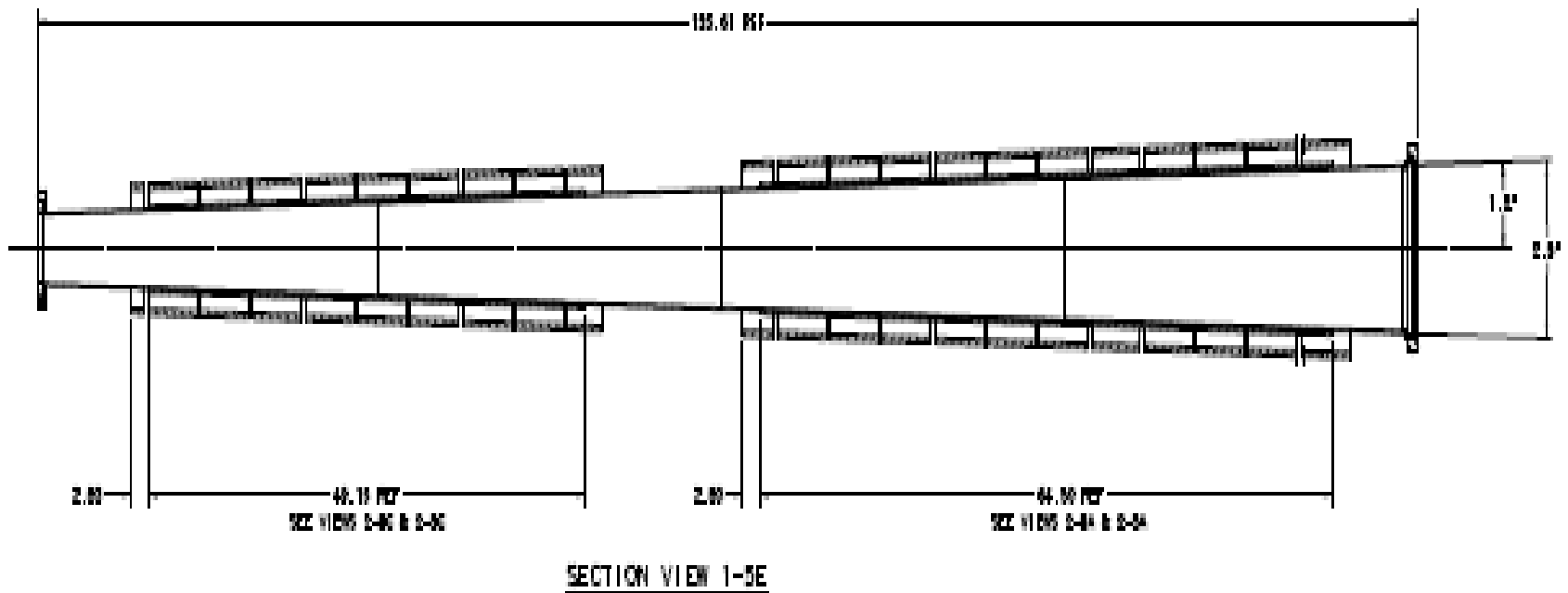


# SBS Magnet and Infrastructure

- **Machined Magnet Steel** – Delivered. - *milestone April 2014*
- **Racetrack Coils** – 1<sup>st</sup> coil to be tested mid-June, 2<sup>nd</sup> coil being wound - *milestone April 2014*
- **Saddle Coil** – Plan to use existing coil for Summer testing.
- **Magnet Assembly Hardware** –Ordered - *milestone September 2014*
- **Magnet Support Structure** – Weldment procurement awarded, delivery in November - *milestone July 2014*
- **Power Supply** – Inspection at Danfysik June 26<sup>th</sup>, installation to be coordinated around Summer power outages - *milestone September 2014*
- **Magnet commissioning in Testlab** – *milestone September 2014*
  
- **Beam line** –Exit beam pipe drawings complete, in process of costing before beginning procurement. Vacuum chamber snout design in process. Preliminary design of correctors in process for costing – *milestones Jan & Apr 2015*
  
- **Field Clamps** – upstream and downstream clamp material defined – details of design to be analyzed before procuring- *milestones April 2015*

# Exit Beam Pipe

- Beam pipe layers – 1/8" S.S. press bent tube, 1/4" 1018 Steel tube, 3/8" octagon shaped A36 half tubes – diameters from 4.62 I.D. to 11.08 I.D. , ~160" long



- Upstream and downstream flanges as purchased items, upstream bellows as purchased items, downstream bellows to be fabricated
- Assembly mechanism being defined – weld tabs for bolting or hose clamps