## Beam Details

**Beam Properties**

- **Area**: 572.0
- **Fy**: 60.0
- **Fy':** 60.0
- **Weight**: 597

**Elevation of Blockout**

**End Mat Reinforcing**

- Stain **H** may be adjusted vertically to avoid strands.
- Stain **B** should be vertical at Abutment Backwall.
- Blockout required at location to accommodate joint movement.

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**Details**

- See **END MAT REINFORCING detail**.
- See **Slab Beam Design Form (PS99)** for strand locations.
- Assumed 150 psi weight density of concrete.
- Slab Beam Design Form (PS99) for additional reinforcing or unbalanced forces in slab beams.

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**General Notes**

- Designed according to ACI/ABA Specifications.
- For more information, see the Harris County guidelines.

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**For Internal Review Only**

- **Document Access**: Non-Violation
- **Access Manual**: ASHRAE 90.1
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**Harris County Engineering Department**

**Drawing Title**: Pre-Engineered Concrete Slab Beam

**Details (Type 45812)**

**Scale**: 1/2" = 1'-0"