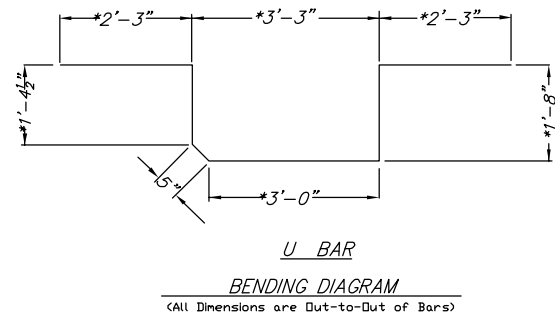


PLAN



U BAR
BENDING DIAGRAM
(All Dimensions are Out-to-Out of Bars)

GENERAL NOTES

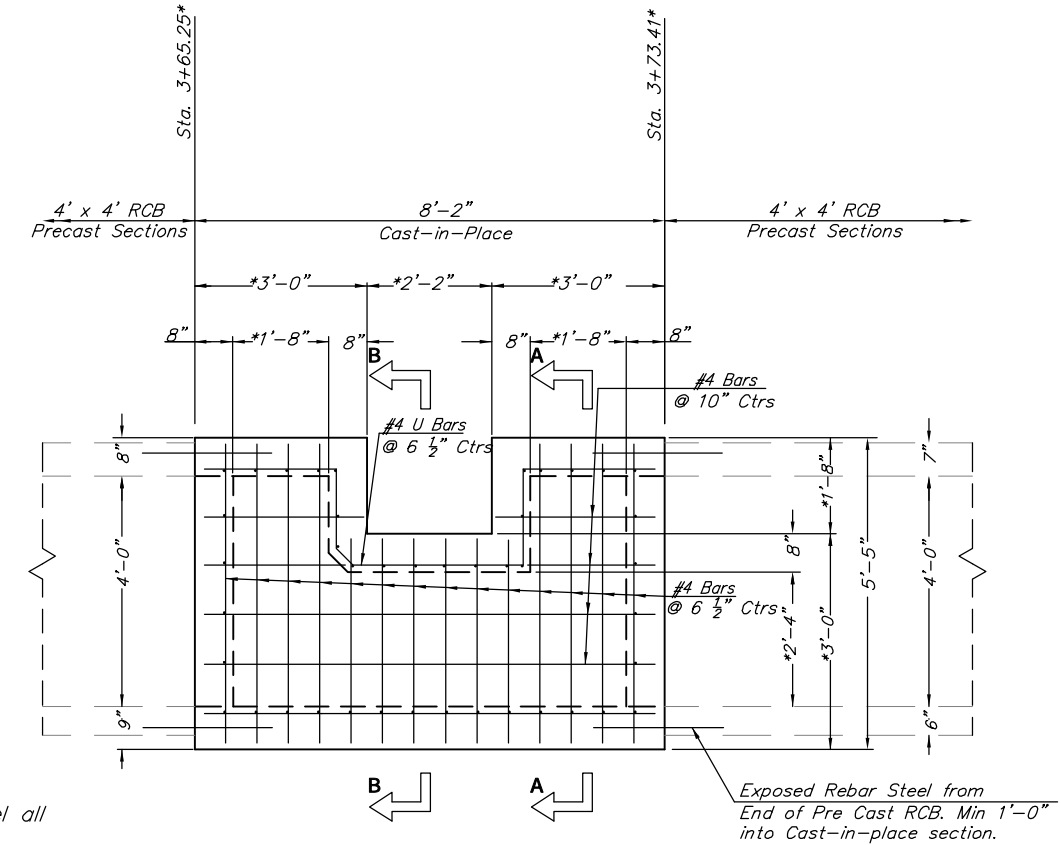
LOADING: HS20-44 AASHTO Specifications, 1983 Edition.

UNIT STRESSES: Grade 4.0 Concrete; $f'_c = 4,000$ p.s.i.
Reinforcing Steel; $f_y = 60,000$ p.s.i.

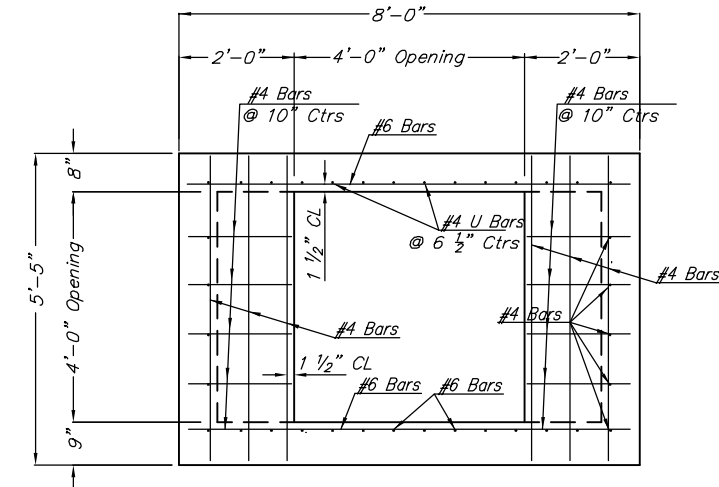
CONCRETE: Grade 4.0 Concrete shall be used throughout. Bevel all exposed edges with a $\frac{3}{4}$ inch triangular molding.

REINFORCING: All reinforcing shall conform to ASTM A615, Grade 60. All dimensions relative to reinforcing steel shall be to centerline of bar unless otherwise noted.

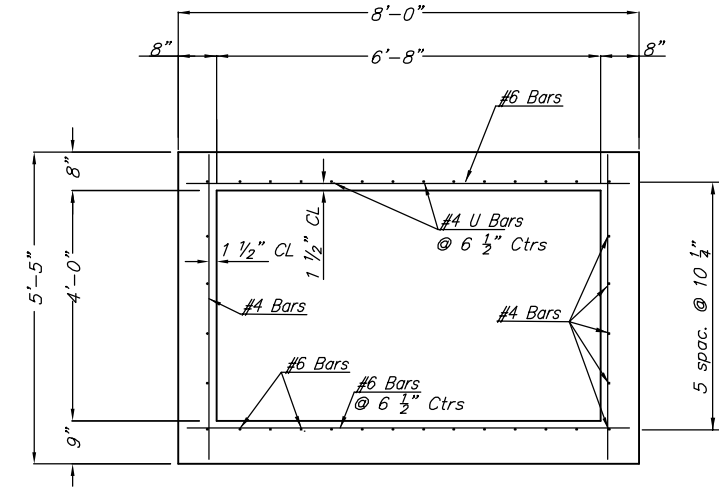
* Dimensions & Stationing to be field adjusted to match existing concrete Westar duct. Place $\frac{1}{2}$ " to 1" of Mastic expansion material on sides and bottom of duct and pour concrete structure top tight against portion of duct below the top surface of the structure.



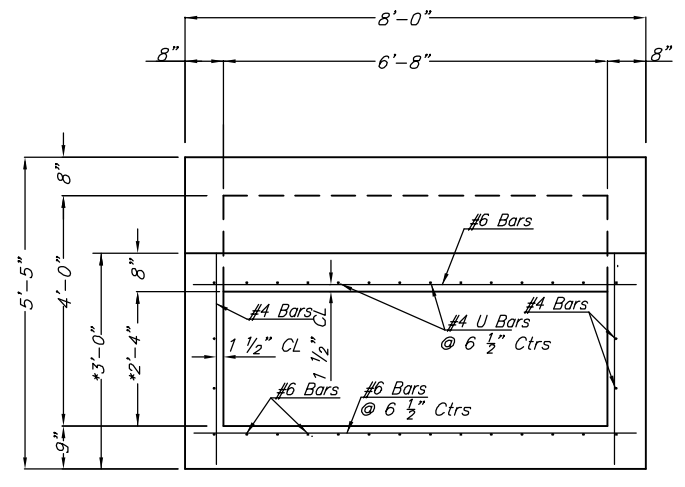
ELEVATION



END VIEW



SECTION A-A



SECTION B-B

Minimum Splice Lengths	
#4	1'-4"
#5	1'-8"
#6	2'-0"

Summary of Quantities	
Concrete (Grade 4.0)	7.4 C.Y.
Reinforcing Steel (Gr. 60)	827 Lbs