



** Field bend as shown (Grade 40).

* Welded Wire Reinforcing with minimum circumferential steel area of 0.15 sq in per ft may be substituted for B2 and B3 bars.

This drawing is preliminary and not for construction or implementation purposes.

BAR LIST ~ ONE BEAM				
MARK	SIZE	NO.	LENGTH	SHAPE
B1	4	28	6'-11"	BENT
B2	4	56	7'-5"	BENT
B3	4	55	7'-0"	BENT
B4	4	56	6'-9"	BENT
B5	5	14	8'-7"	BENT
B6	4	4	5'-7"	BENT
B7	4	4	3'-7"	BENT
B8	4	4	5'-7"	BENT
B9	4	4	3'-7"	BENT
B10	4	12	28'-3"	STR
T1	4	32	4'-9"	STR

QUANTITIES (ONE BEAM)	
BEAM LENGTH	79.0 LF

BEAM SECTION DATA	
WT =	601.2 LBS/FT + 2443 LBS
CROSS SECTIONAL AREA =	558.5 IN ²
C.G. (FROM BOTTOM) =	14.85 IN
I =	73,708 IN ⁴
S _B =	4,964 IN ³

MAPLE RIVER	
PRE-TENSIONED 33" x 36" PRESTRESSED SPREAD BOX BEAM	