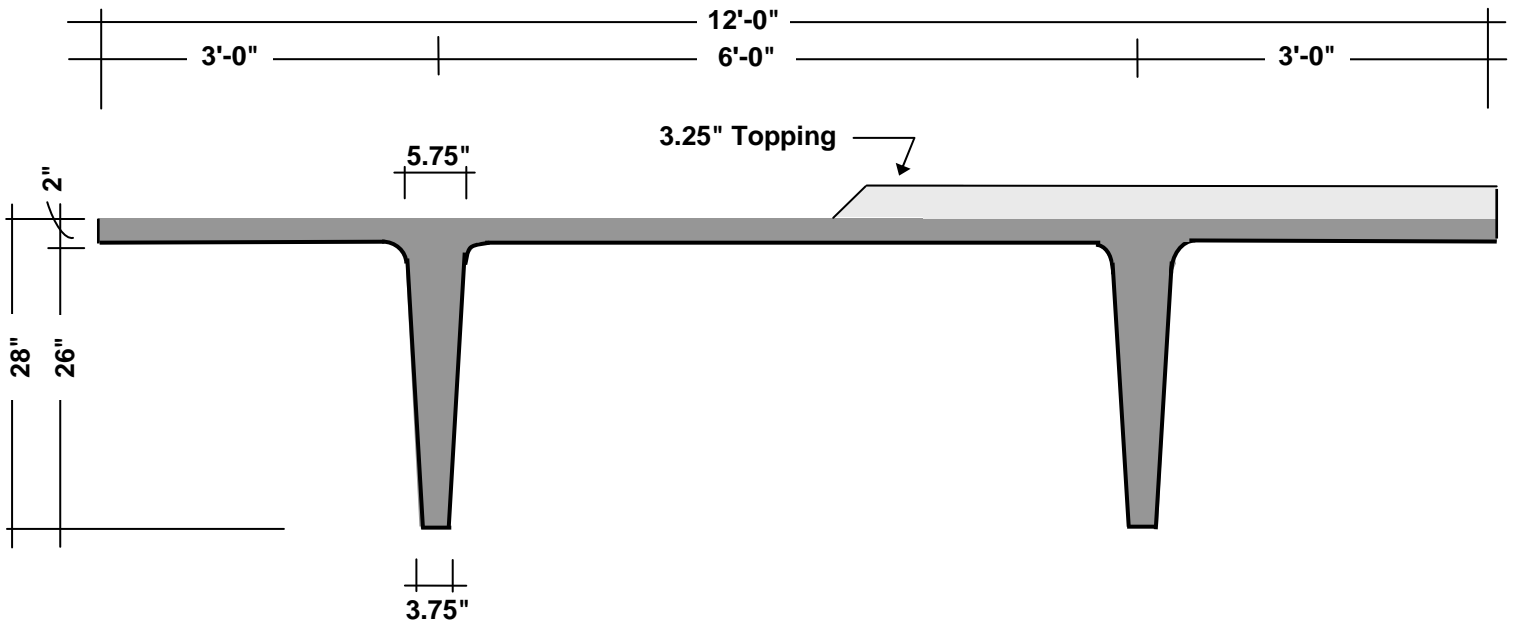


28" DOUBLE TEES 12' WIDE

Section Properties	Non-Composite	Composite
A (in ²)	535	898
I (in ⁴)	36580	53133
y _b (in)	20.96	24.46
St (in ³)	5194	*15003
S _b (in ³)	1745	2172
Normal Weight (150 pcf)	46 psf 557 plf	87 psf 1045 plf

* At top of precast



Allowable Superimposed Service Loads, Pounds per Square Foot													
Non-Composite													
Span (ft)	60	62	64	66	68	70	72	74	76	78	80	82	84
Load (psf)	94	88	83	76	70	64	58	53	48	44	39	35	32
Composite (3¼" Topping)													
Span (ft)	42	44	46	48	50	52	54	56	58	60	62	64	66
Load (psf)	194	174	154	134	124	107	94	82	70	62	53	49	42