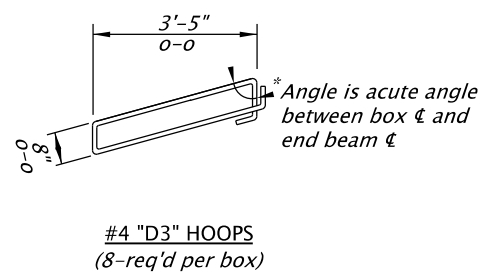
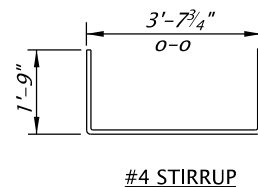
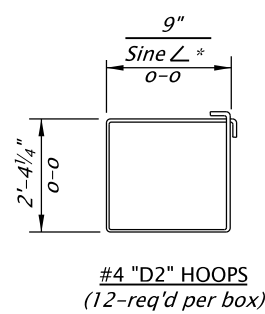
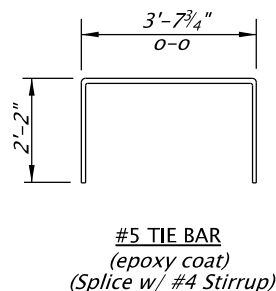
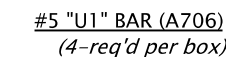


PARTIAL ELEVATION FOR NORMAL BOX



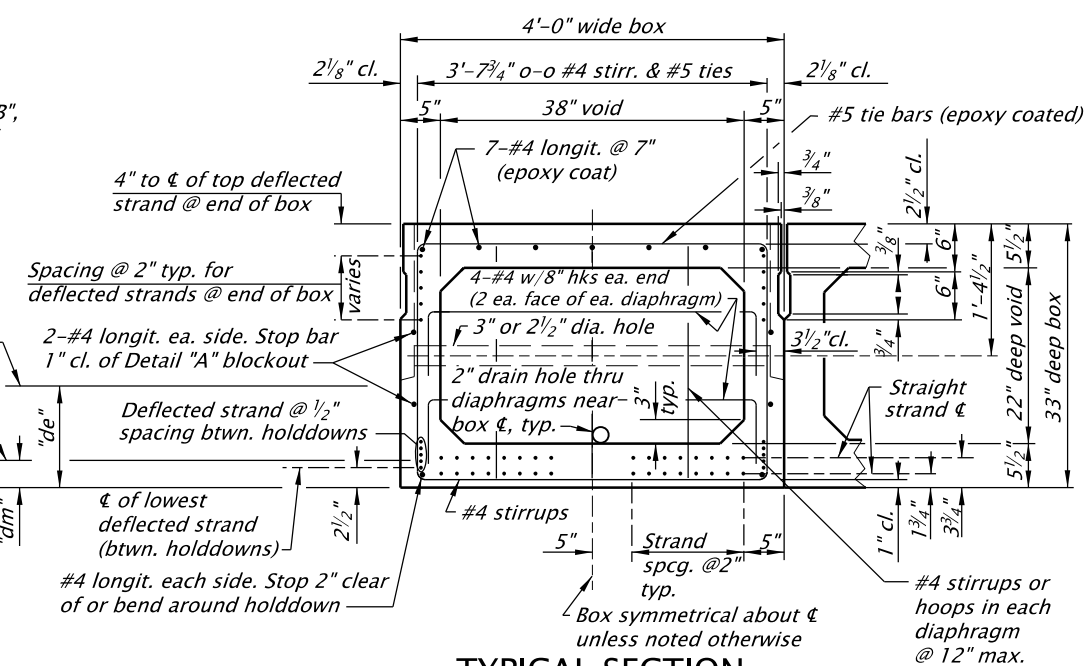
Note
Grout keyway as specified in General Notes. Omit keyway on exterior side of exterior boxes. Keyway is continuous.

SECTION PROPERTIES

Area = 753 in²
 c.g. = 16.33 in
 I = 110,540 in⁴
 St = 6631 in³
 Sb = 6770 in³
 Weight = 816 lbs/ft
 (Box weight of 155 lbs/ft³
 plus stay-in-place form
 weight of 6 lbs/ft)
 J = 230,350 in⁴
 K = 0.79



Note
St. Venant's torsional inertia is based on a refined section analysis.



TYPICAL SECTION

Accompanied by dwg. BR445

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

33" PRECAST PRESTRESSED BOX

2024

DATE		REVISION DESCRIPTION	
-	-		

CALC. BOOK NO. - - - N/A - - -	SDR DATE - 20-APR-2018 -	BR425
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Effective Date: June 1, 2026 – November 30, 2026