

3 deflected strands each side of box 1  
4 deflected strands each side of boxes 2 thru 7  
5 deflected strands each side of boxes 8 thru 11  
6 deflected strands each side of box 12  
7 deflected strands each side of box 13



**#5 "U1" BAR (A706)**  
(4-req'd per box)

**#5 TIE BAR**  
(epoxy coat)  
(Splice w/ #4 StIRRUP)

**#4 "D2" HOOPS**  
(12-req'd per box)

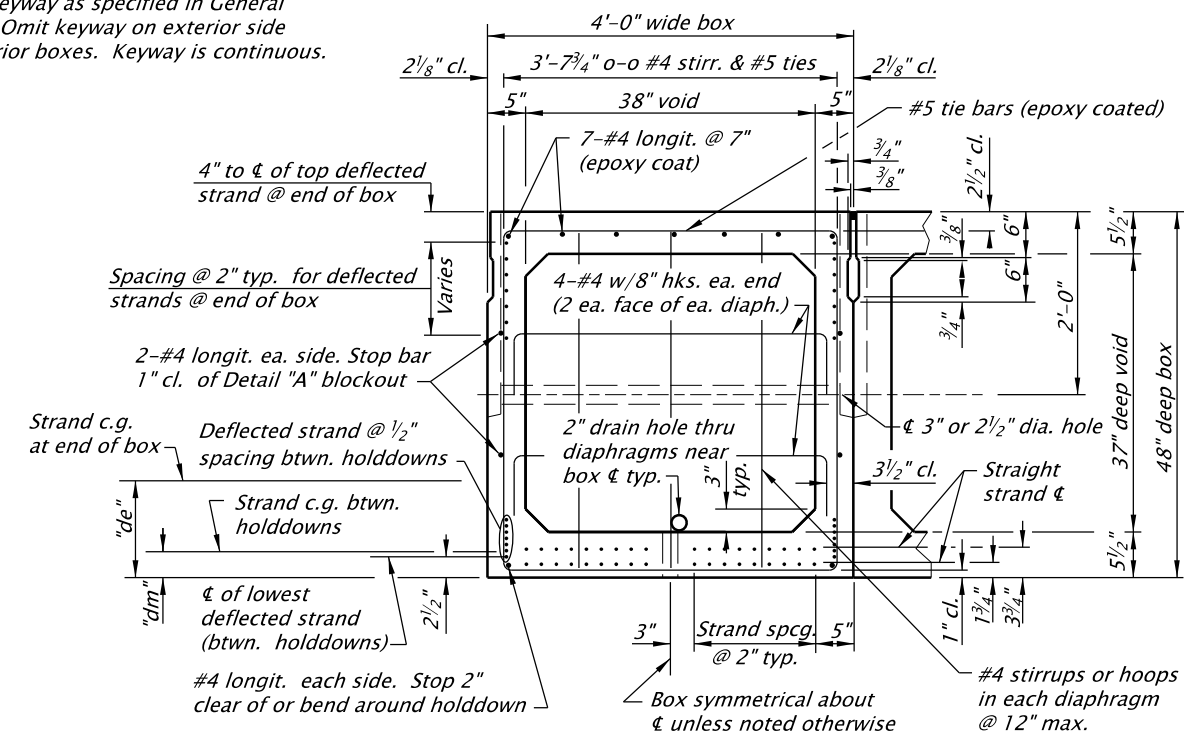
**#4 STIRRUP**

**#4 "D3" HOOPS**  
(8-req'd per box)

\* Angle between end bars



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



### 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.

**48" PRECAST  
PRESTRESSED BOX**

2024

| DATE | REVISION | DESCRIPTION |
|------|----------|-------------|
| -    | -        |             |
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|------------------------------|--|----------------------|--|--------------|
| CALC.                        |  | SDR                  |  | <b>BR440</b> |
| BOOK NO. - - - - N/A - - - - |  | DATE - 20-APR-2018 - |  |              |

Effective Date: June 1, 2026 – November 30, 2026