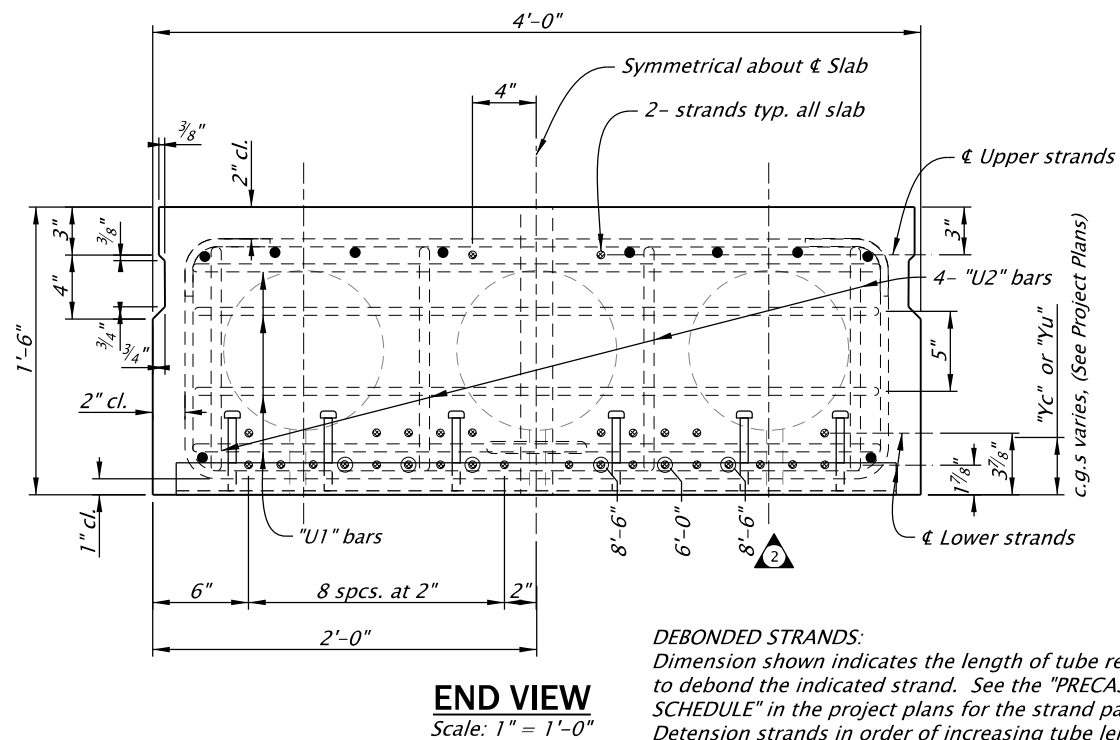
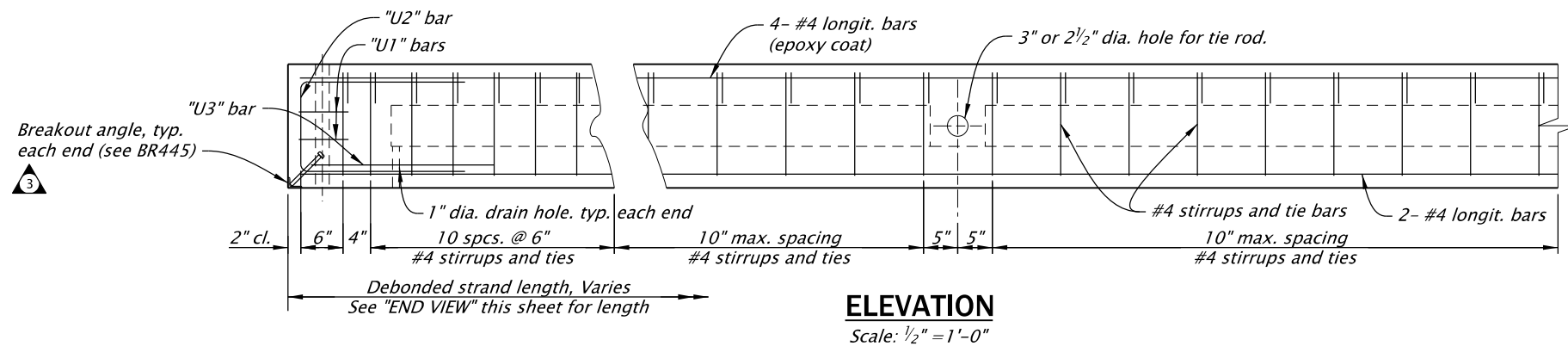
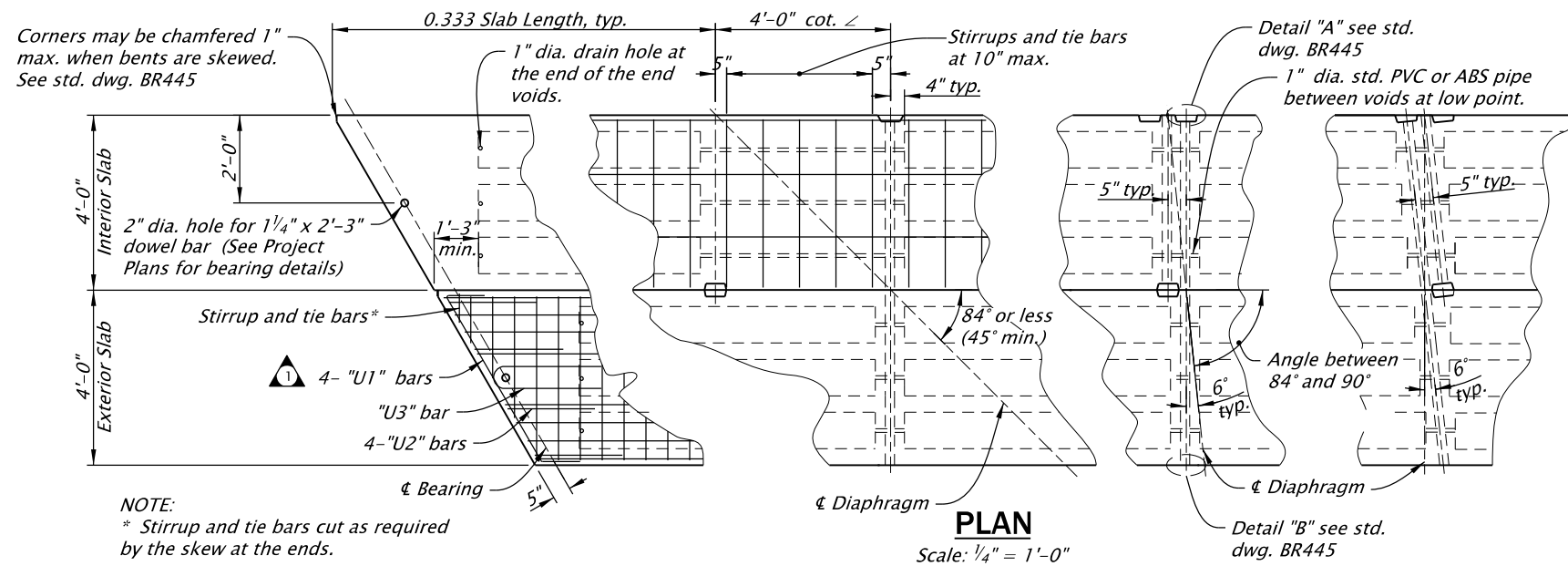
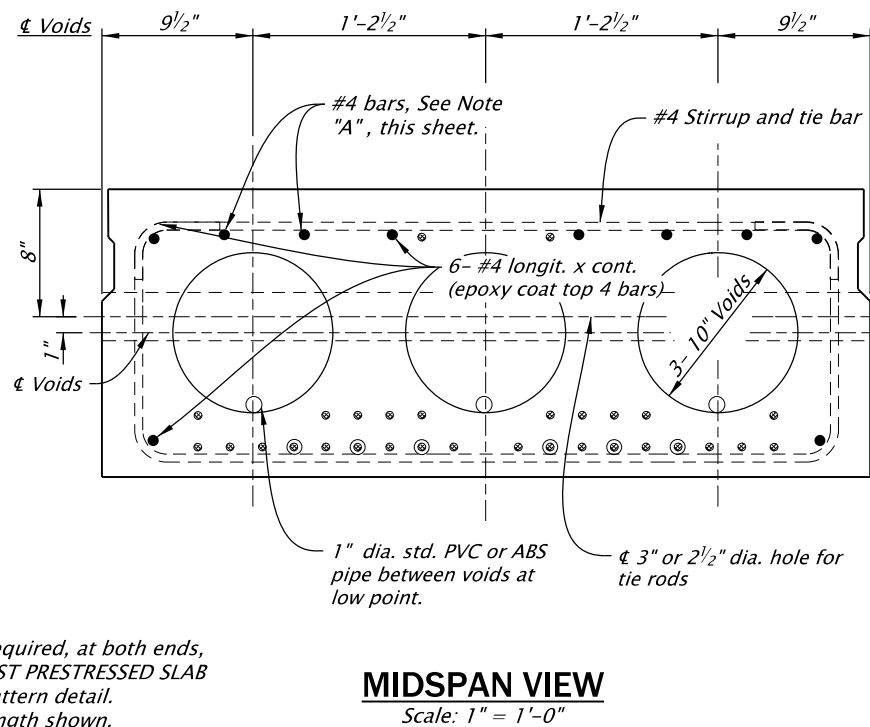




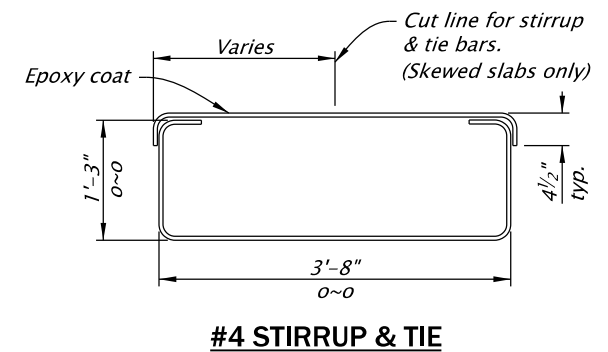
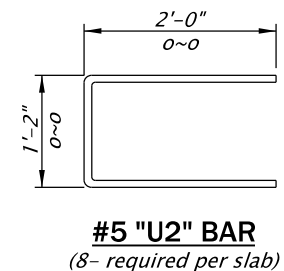
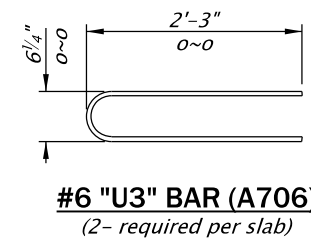
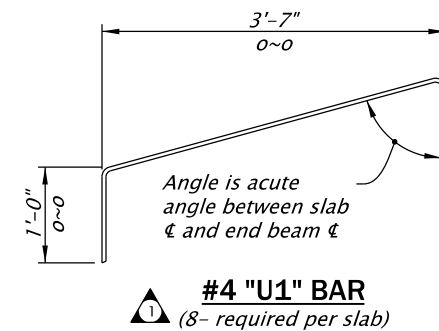
DEBONDED STRANDS:
Dimension shown indicates the length of tube required, at both ends, to debond the indicated strand. See the "PRECAST PRESTRESSED SLAB SCHEDULE" in the project plans for the strand pattern detail. Detension strands in order of increasing tube length shown.



NOTE "A" (Slab End Bars)
2- #4 x 10'-0", slabs 4, 5, and 6
4- #4 x 15'-0", slabs 7, 8 and 9
Place bars each end of each slab (Epoxy coat).

NOTE:
Grout keyway as specified in General Notes.
Omit keyway on exterior side of exterior slabs.
Keyway is continuous.

SECTION PROPERTIES	
Area =	621 in ²
c.g. =	8.94 in
I =	21,626 in ⁴
St =	2386 in ³
Sb =	2420 in ³
Weight =	668 lbs/ft
J =	52,200 in ⁴
K =	0.71
V/S =	4.70
Form wt =	14 lbs/ft (tubes)
Total wt	
w/forms =	682 lbs/ft
Diaphragm Weight	
No Skew	260 lb
15° Skew	430 lb
30° Skew	740 lb
45° Skew	1170 lb



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.

OREGON STANDARD DRAWINGS

18" PRECAST PRESTRESSED SLAB

2024

DATE	REVISION	DESCRIPTION
07-2020	Added end zone reinf.	
07-2020	Revised debonded lengths	
07-2020	Updated drawing to current stds.	
07-2022	Added breakout angle.	
CALC. BOOK NO.	N/A	SDR DATE
		08-JUL-2022

BR410

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