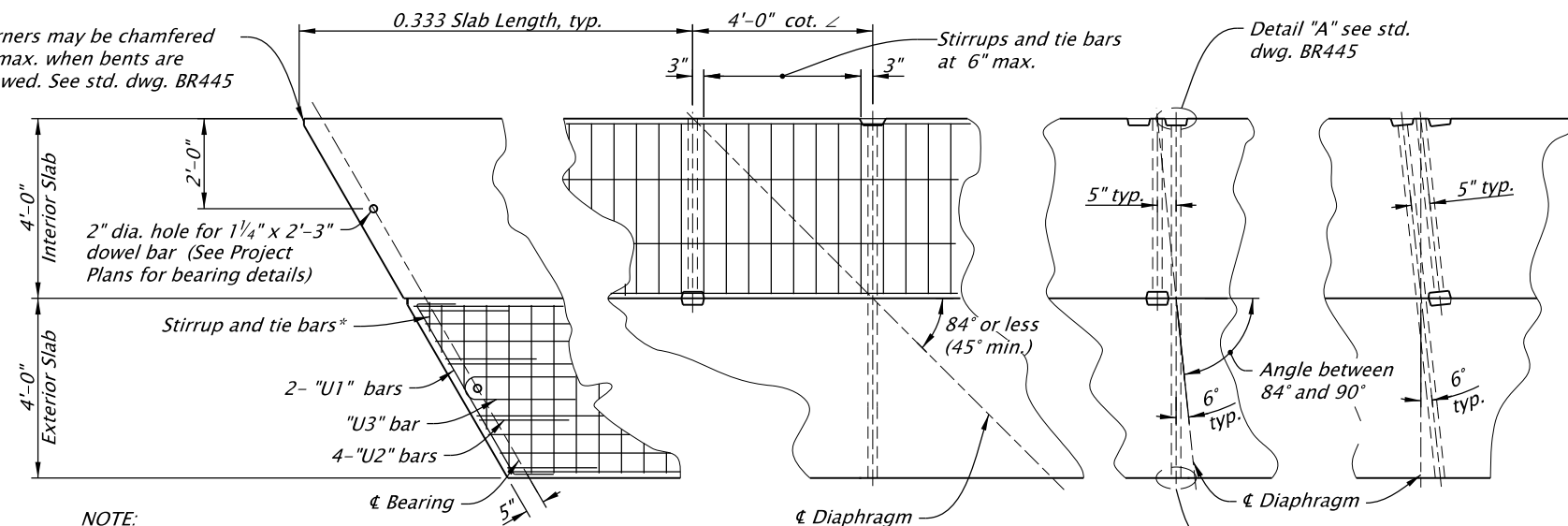


Corners may be chamfered
1" max. when bents are
skewed. See std. dwg. BR445

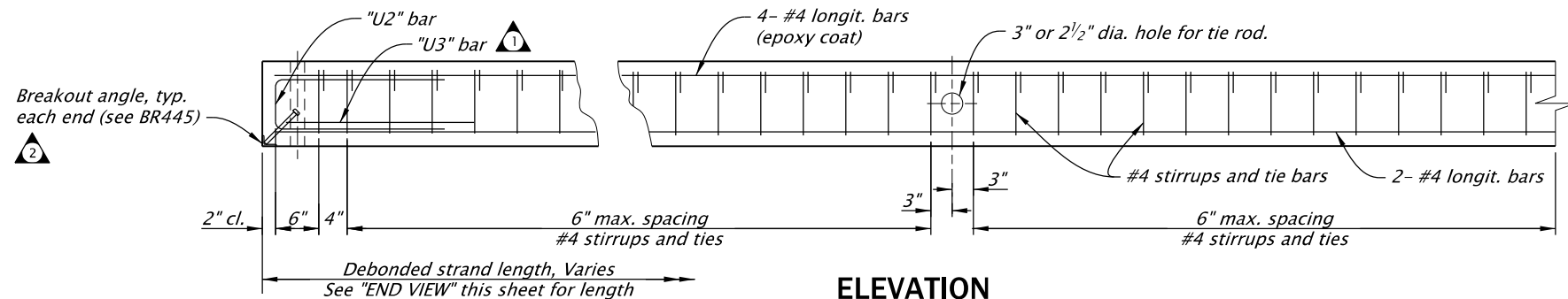


NOTE:

* Stirrup and tie bars cut as required
by the skew at the ends.

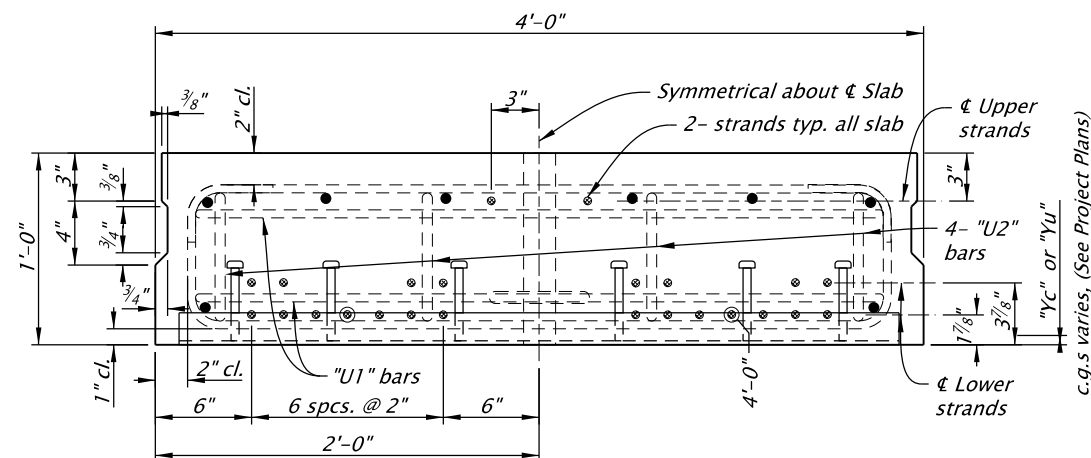
PLAN

Scale: 1/4" = 1'-0"



ELEVATION

Scale: 1/2" = 1'-0"

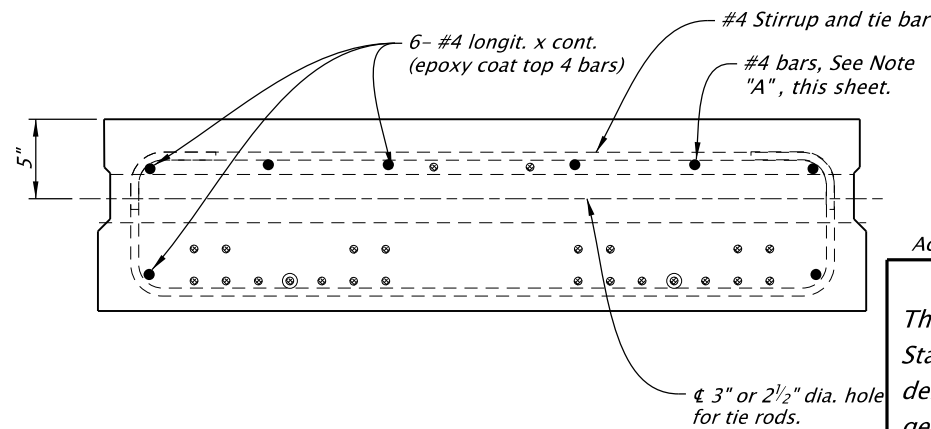


END VIEW

Scale: 1" = 1'-0"

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.



MIDSPAN VIEW

Scale: 1" = 1'-0"

NOTE "A" (Slab End Bars)

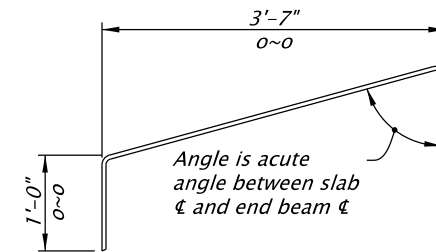
2- #4 x 7'-6", slabs 6, 7 and 8.
Place bars each end of each slab (Epoxy coat).

NOTE:

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

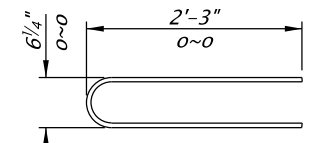
SECTION PROPERTIES

Area = 568 in²
c.g. = 5.97 in
I = 6,851 in⁴
St = 1137 in³
Sb = 1147 in³
Weight = 612 lbs/ft
J = 23,400 in⁴
K = 0.59
V/S = 4.74



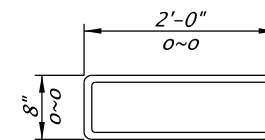
#4 "U1" BAR

(4- required per slab)



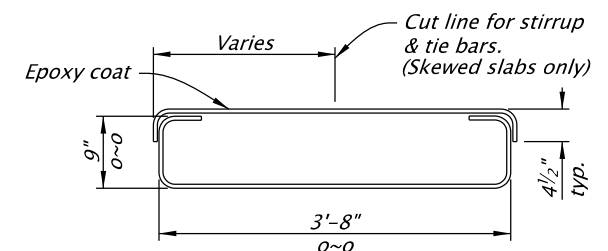
#6 "U3" BAR (A706)

(2- required per slab)



#5 "U2" BAR

(8- required per slab)



#4 STIRRUP & TIE

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

12" PRECAST PRESTRESSED SLAB

2024

DATE	REVISION	DESCRIPTION
07-2020		Revised stirrup and tie bar spacing
07-2020		Updated drawing to current stds.
07-2022		Added breakout angle

CALC. BOOK NO.	N/A	SDR DATE	08-JULY-2022	BR400
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Effective Date: June 1, 2026 – November 30, 2026