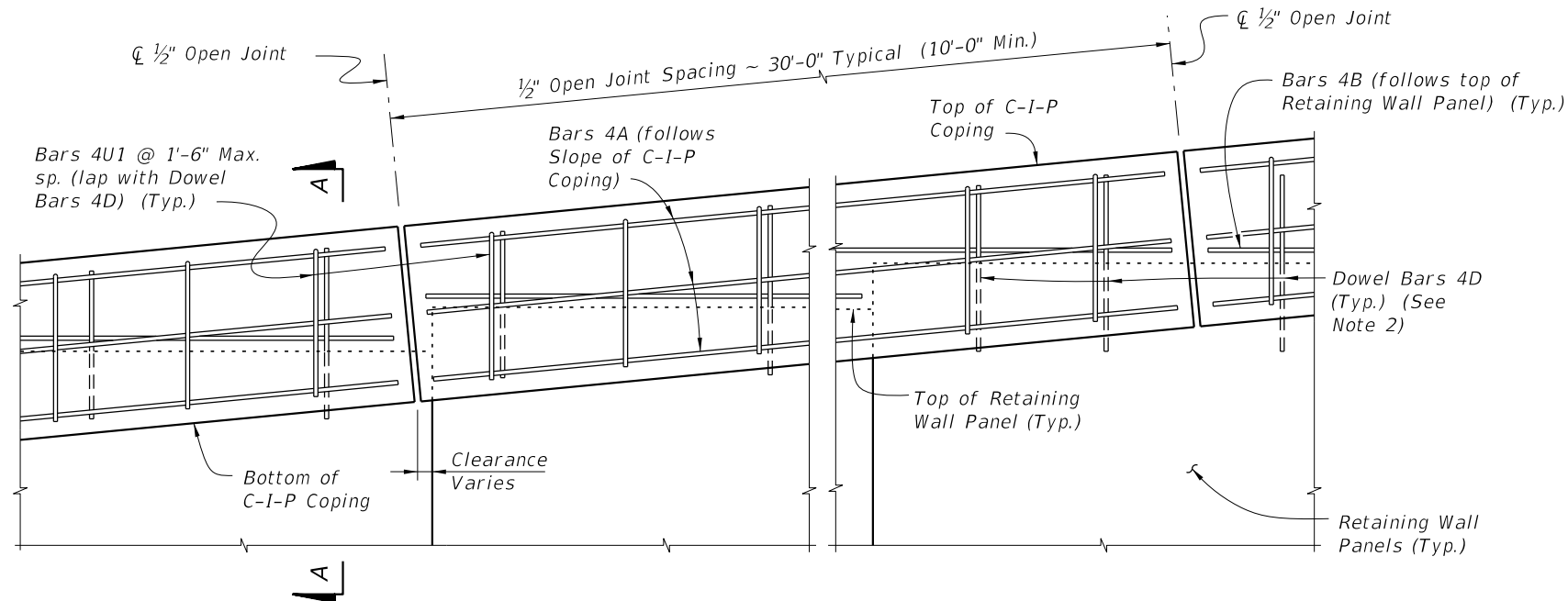
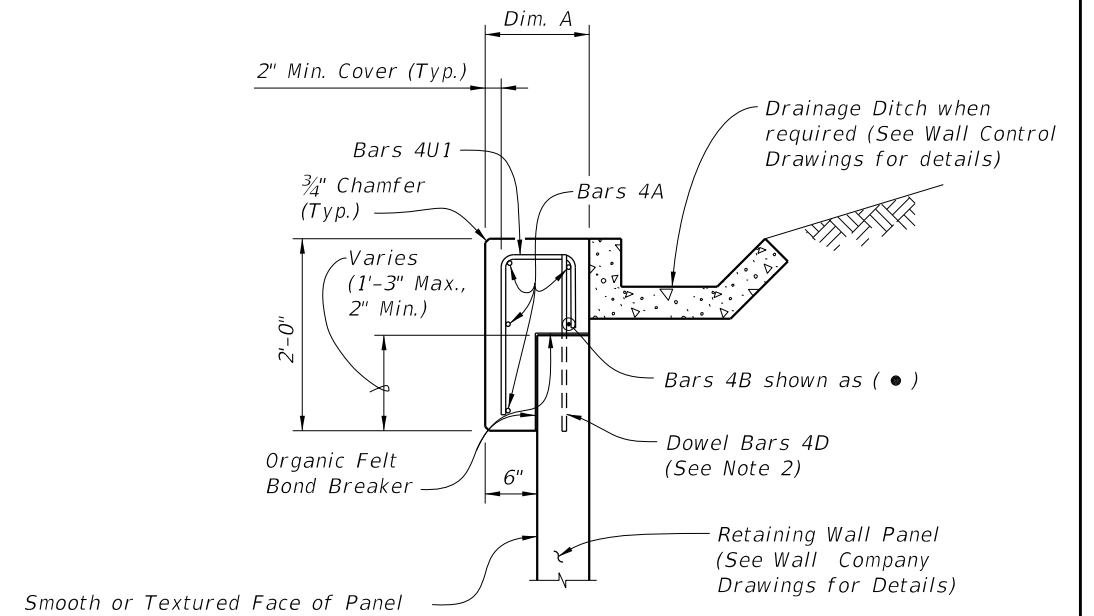




C-I-P COPING - PARTIAL ELEVATION VIEW

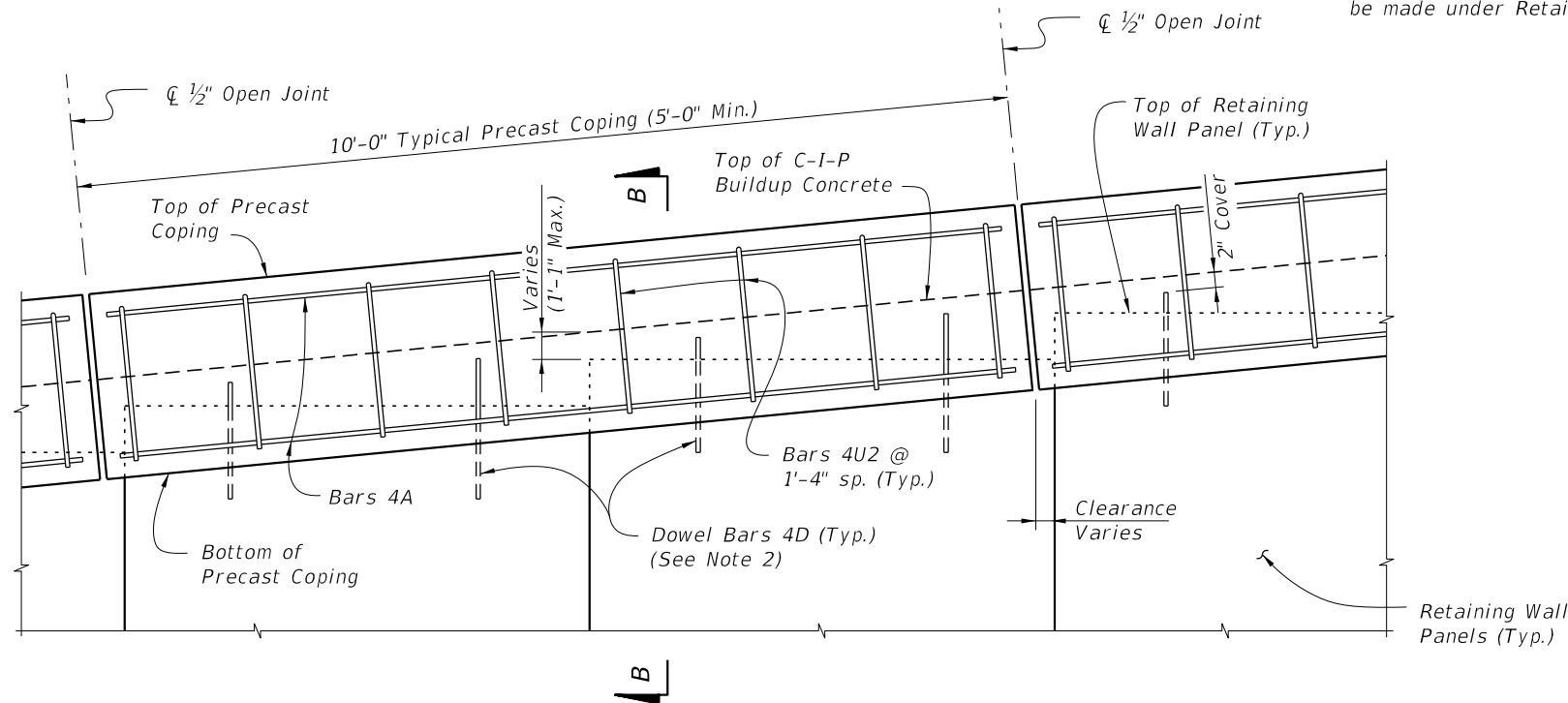


SECTION A-A
C-I-P COPING

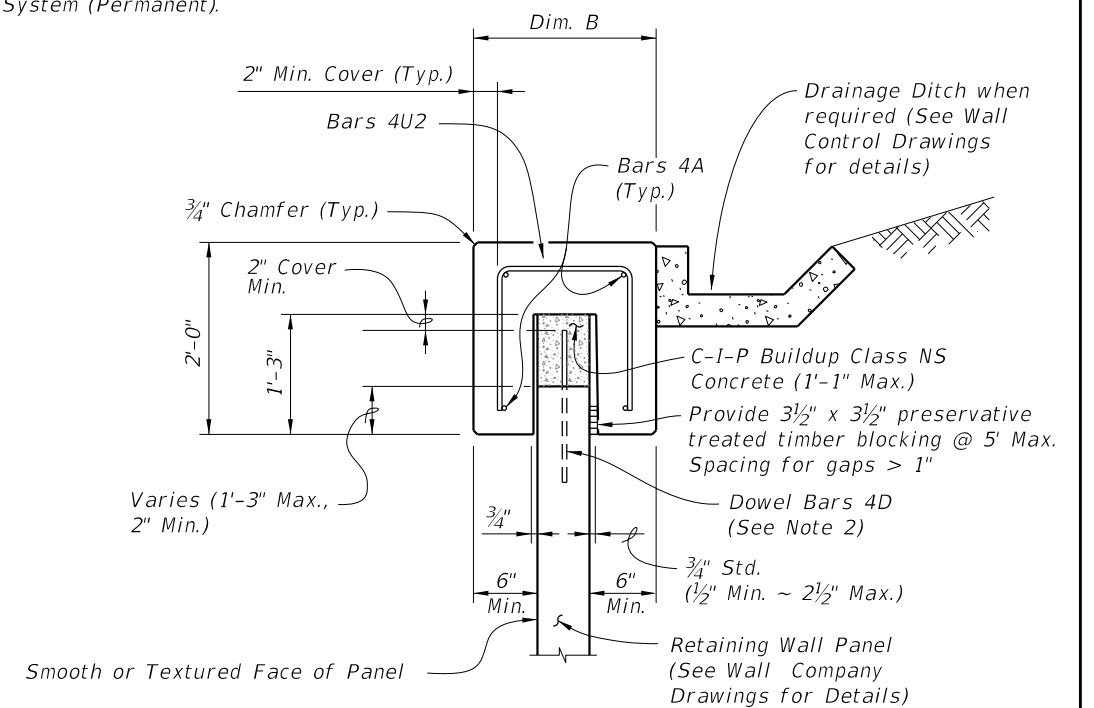
Dim. A	Panel width + 6"
Dim. B	Panel width + 1'-0" Min.

PRECAST AND C-I-P COPING NOTES:

1. Provide Class II concrete for slightly aggressive environments or Class IV for moderately or extremely aggressive environments.
2. Dowel Bars 4D extend 11" above the top of retaining wall panel. Field cut as necessary to maintain 2" minimum cover. See Wall Company Drawings for number and spacing of Dowel Bars 4D.
3. Payment for Dowel Bars 4D, Buildup Concrete and Coping will be made under Retaining Wall System (Permanent).



PRECAST COPING - PARTIAL ELEVATION VIEW



SECTION B-B
PRECAST COPING

9/28/2026 12:00:41 PM

LAST REVISION 11/01/22	REVISION	DESCRIPTION:	FDOT FY 2027-28 STANDARD PLANS	MSE WALL COPING (PRECAST OR C-I-P)	INDEX 521-600	SHEET 1 of 2
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REINFORCING STEEL BENDING DIAGRAMS - PRECAST AND C-I-P COPINGS

BILL OF REINFORCING STEEL			
MARK	SIZE	LENGTH (L) ## S or M	LENGTH (L) ## E
A	4	AS REQD.	AS REQD.
B	4	AS REQD.	AS REQD.
D	4	2'-0"	2'-0"
U1	4	Panel width + 4"	Panel width + 4"
U2	4	Dim. B - 4"	Dim. B - 4"
U3	4	Dim. C - 4"	Dim. C - 6"

4A

4B

Length as Required (L)

Length as Required (L)

BARS 4A & 4B

2'-0" (L)

DOWEL BAR 4D

Varies (L)

7" Min.

1'-8"

Field cut as required to maintain 2" minimum cover

BAR 4U1

Varies (L)

1'-8"

BAR 4U2

Varies (L)

Varies

BAR 4U3

REINFORCING STEEL NOTES:

1. All bar dimensions in the bending diagrams are out to out.

2. All reinforcing steel at the open joints will have a 2" minimum cover.

3. Bars 4A may be continuous or spliced at the construction joints. Lap splices for Bars 4A will be a minimum of 1'-8".

4. The Contractor may use Welded Wire Reinforcement (WWR) when approved by the Engineer. WWR must consist of Deformed wire meeting the requirements of Specification Section 931.

S = Slightly Aggressive

M = Moderately Aggressive

E = Extremely Aggressive

Dim. B

2" Min. Cover (Typ.)

3/4" Chamfer (Typ.)

Bars 4U2

Bars 4A (Typ.)

Recess Varies (1'-3" Max., 2" Min.)

2'-0"

Ground Line

Expanded Polystyrene (1/2")

6"

6"

Min. (Match Precast Dimensions)

2'-0" Min.

Leveling Pad for MSE Wall Shown

Organic Felt Bond Breaker

Dowel Bars 4D (See Note 2, Sheet 1)

Drainage Ditch when required (See Wall Control Drawings for details)

Retaining Wall Panel (See Wall Company Drawings for Details)

C-I-P COPING USED WITH PRECAST COPING

Note: When precast coping units do not fit the entire length of the retaining wall, use this similar C-I-P coping for short portions between precast coping units. This C-I-P coping may also be used for vertical copings.

Field bend Bars 4A to maintain minimum cover for Extremely Aggressive Environments

Top of Coping

Top of Retaining Wall End Panel

Bottom of Coping

Edge of C-I-P Coping Enclosure

Edge of Retaining Wall End Panel

Begin or End Retaining Wall

Bars 4A (follows Slope of C-I-P Coping Enclosure)

Bars 4B (Horizontal) (Field cut as required to maintain minimum cover)

Bars 4U3 @ 1'-6" Max. sp. (Typ.)

Bars 4B (Horizontal)

4" Cover (Bottom)

3" Min. Overlap

Leveling Pad for MSE Wall Shown

Varies

Dim. C

* 2" Cover (Top & Sides)

** 3" Cover (Top & Sides)

3/4" Chamfer (Typ.)

Spacing Bars 4B

Bars 4A (Typ.)

Bars 4B shown as (•) (Typ.)

Bars 4U3

Eq. sp. @ 1'-6" Max.

Varies

6"

2'-0" Min.

4 1/2"

Dim. B	Panel width + 1'-0" Min.
Dim. C	Panel width + 6"

SECTION C-C

C-I-P COPING ENCLOSURE DETAIL

LAST REVISION
11/01/19

REVISION

DESCRIPTION:

FDOT

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STANDARD PLANS

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