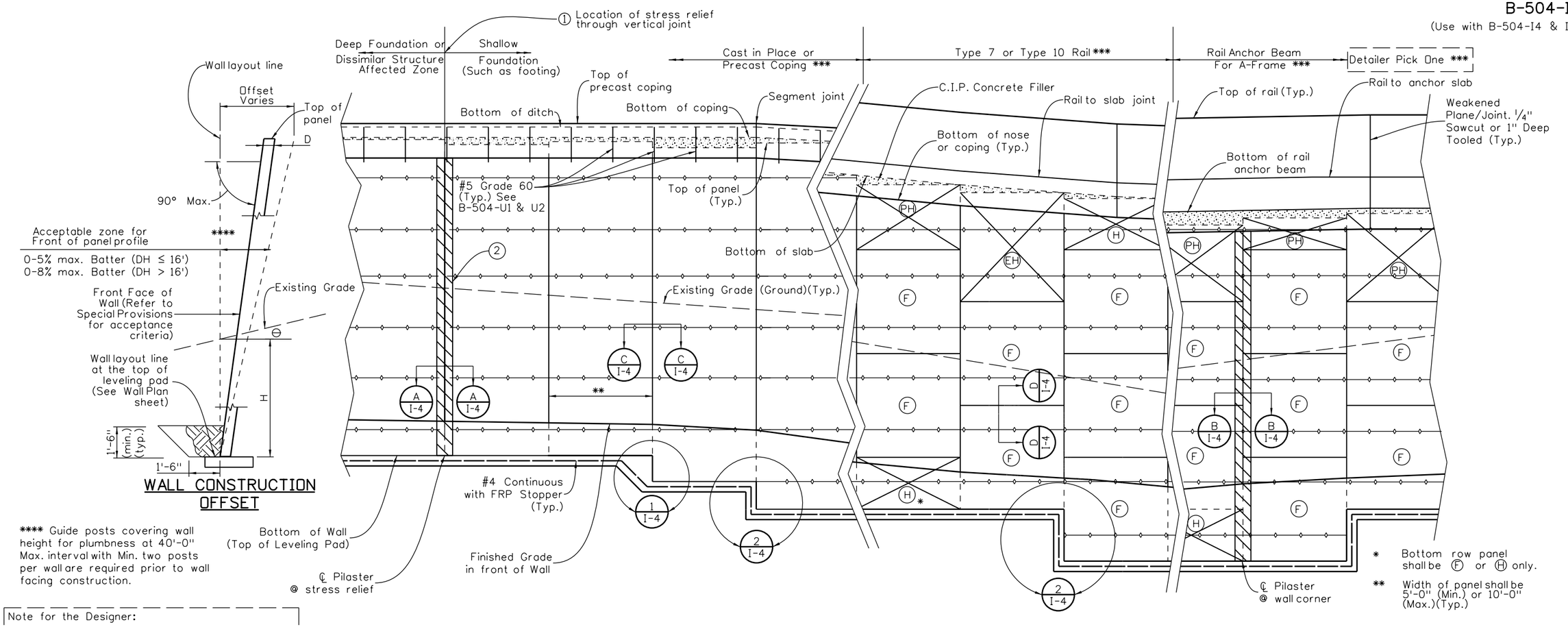

WALL CONSTRUCTION OFFSET

**** Guide posts covering wall height for plumbness at 40'-0" Max. interval with Min. two posts per wall are required prior to wall facing construction.

Note for the Designer:

Offset has to be checked for edge of pavement or rail/curb and width of shoulder.

Right of way (R.O.W.) has to be checked against leveling pad excavation.

Wall segment tabulation shall be done by structural engineers.

For accuracy, wall quantity calculation shall be measured at 20' (Max.) intervals.

TYPICAL ELEVATION (WALL)

(F) Full size segmental panel (5'-0" height).

(H) Half height segmental panel (2'-6" height).

(PH) Partial height segmental panel.

(EH) Extended height segmental panel (top row panel shall be 7'-0" (Max.) height).

* Bottom row panel shall be (F) or (H) only.

** Width of panel shall be 5'-0" (Min.) or 10'-0" (Max.)(Typ.)

NOTES:

1. Number of leveling pad steps shall be counted, reported on Quantity Tabulation sheet B-504-Q1 and labeled in wall elevation view.
2. Actual leveling pad step locations shall be located as directed by the Engineer.

(1) Stress relief vertical through joint for dissimilar structures or foundation.

(2) Soil reinforcement discontinued at joint. See B-504-I4 & S6 for added tail reinforcing details.

Revision Dates (Preliminary Stage Only): 03/16

Design	INITIAL	DATE
Designed By		
Checked By		

Detail	INITIAL	DATE
Detailed By		
Checked By		

Quantities	INITIAL
Quantities By	
Checked By	

Print Date: $DATE$	
File Name: Sheet_B-504-I3.dgn	
Horiz. Scale: NTS	Vert. Scale: As Noted
Staff Bridge Branch-Unit 0XXX	Unit Leader Initials

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation
4201 East Arkansas Avenue
Room 107
Denver, CO 80222
Phone: 303-757-9309 FAX: 303-757-9197
Staff Bridge Branch Initials

As Constructed

No Revisions:
Revised:
Void:

PANEL FACING M.S.E. WALL DETAILS (Coping Rail Anchor, Design Height and Reinforcement Length)(1 OF 3)

Designer:	XXXXXXXX	Structure Numbers	WALL-X-XX-XX
Detailer:	XXXXXXXX		WALL-X-XX-XX
Sheet Subset:	Wall	Subset Sheets:	W00 of 00

Project No./Code

Project Number
Code
Sheet Number

$PLOT_INFO$