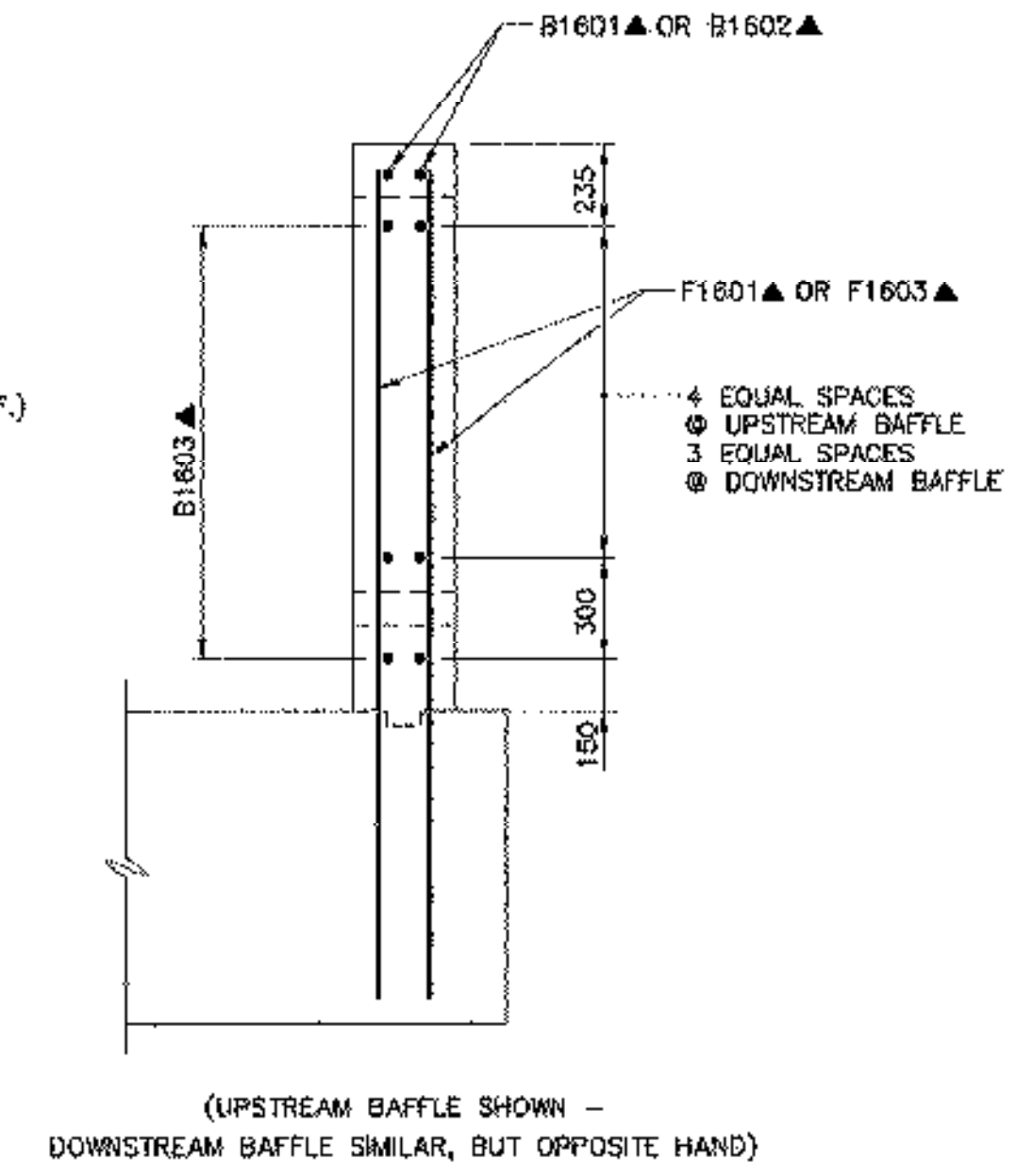


(UPSTREAM FACE OF UPSTREAM BAFFLE SHOWN)
 (WEEP HOLES & REINFORCING IN FOOTING NOT SHOWN)

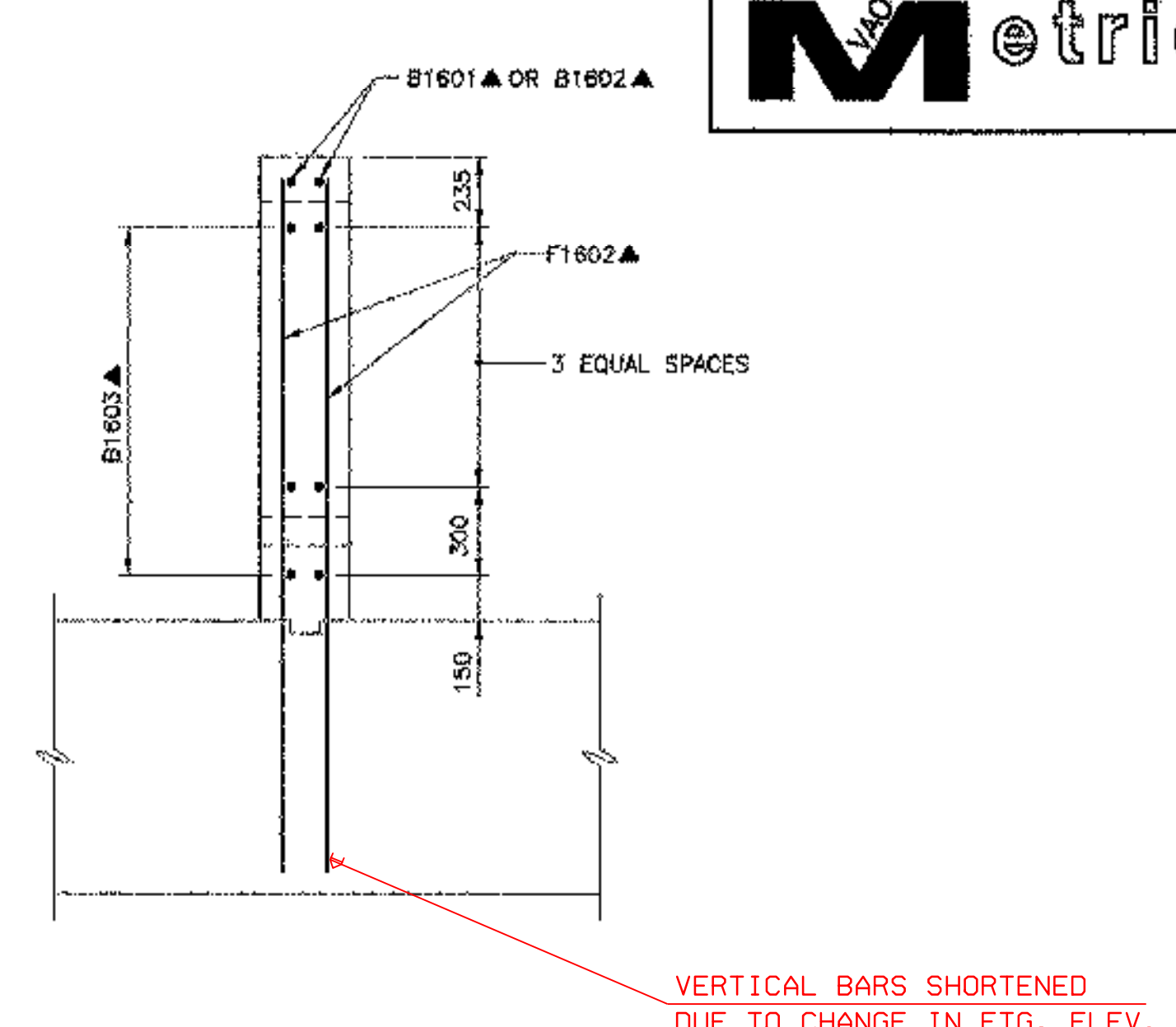
BAFFLE REINFORCEMENT
 SCALE 1:40

REINFORCEMENT NOTES:

1. REINFORCING STEEL SHALL HAVE A CLEAR COVER OF 75 AT ALL EXPOSED SURFACES, UNLESS OTHERWISE NOTED.
2. N.F. = NEAR FACE
 F.F. = FAR FACE
 E.F. = EACH FACE
3. ▲ DENOTES BAR TO BE CUT TO FIT IN THE FIELD.
4. FOR ALL WINGWALL AND CURB DETAILS, REINFORCEMENT FOR WINGWALL #1 IS SHOWN. REINFORCEMENT FOR WINGWALLS #2, #3 & #4 SIMILAR EXCEPT FOR NOTATION (i.e. E2W1601, E3W1601, E4W1601, RESPECTIVELY, INSTEAD OF E1W1601).
5. WEEP HOLES & REINFORCING IN FOOTING NOT SHOWN FOR CLARITY.
6. THE ARCH MANUFACTURER SHALL PROVIDE A POSITIVE CONNECTION BETWEEN THE HEADWALL AND WINGWALL. THIS CONNECTION IS INTENDED TO ALLOW EXPANSION AND CONTRACTION OF THE WINGWALL, BUT PROVIDE SUPPORT FOR OVERTURNING. A HORIZONTAL NO. 5 REINFORCING BAR AT 305 ON CENTER INSTALLED IN A PVC SLEEVE IS ONE METHOD TO PROVIDE THIS CONNECTION. A DETAIL SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL.

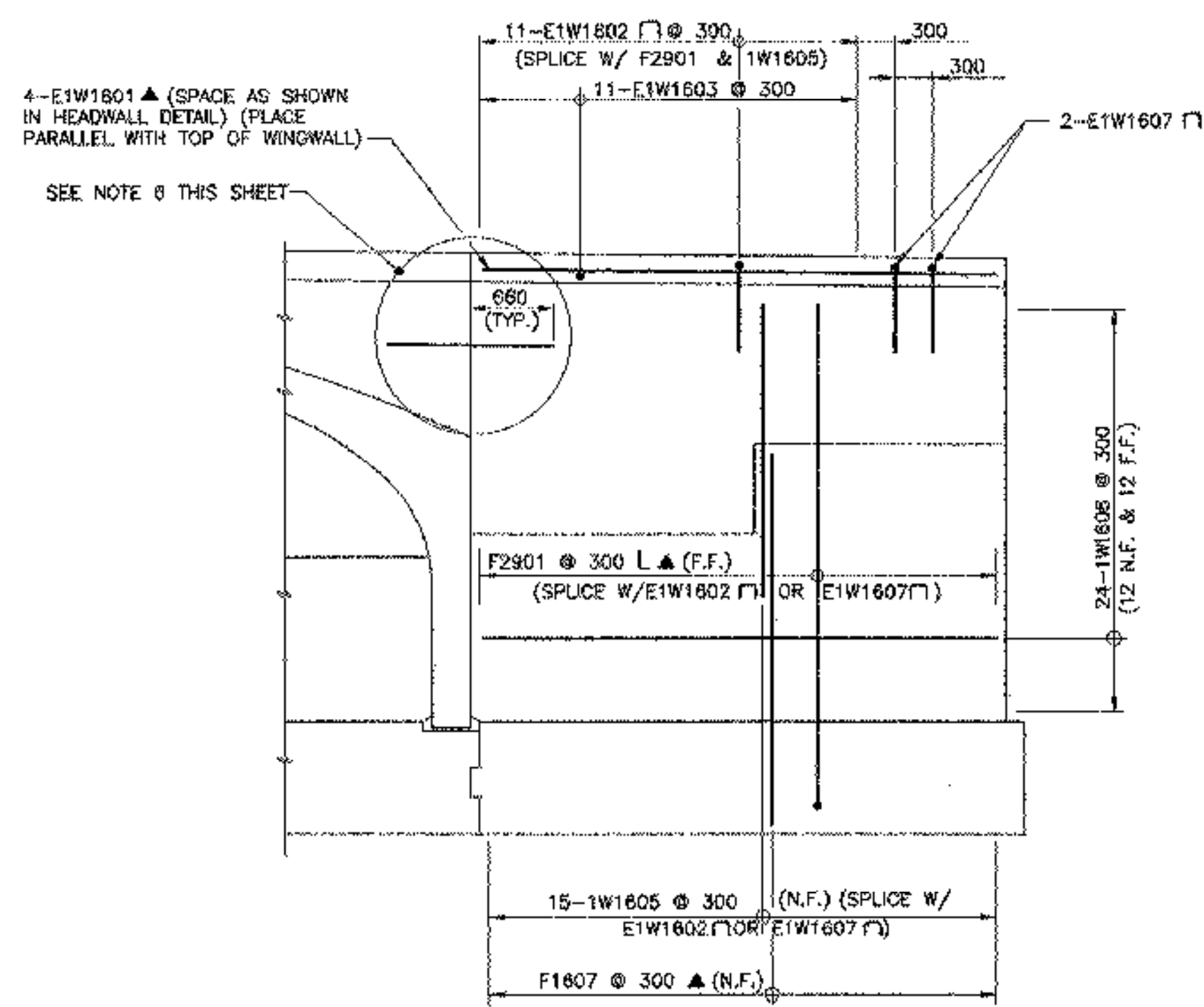


REINFORCEMENT AT EXTERIOR BAFFLE SECTION
 SCALE 1:20

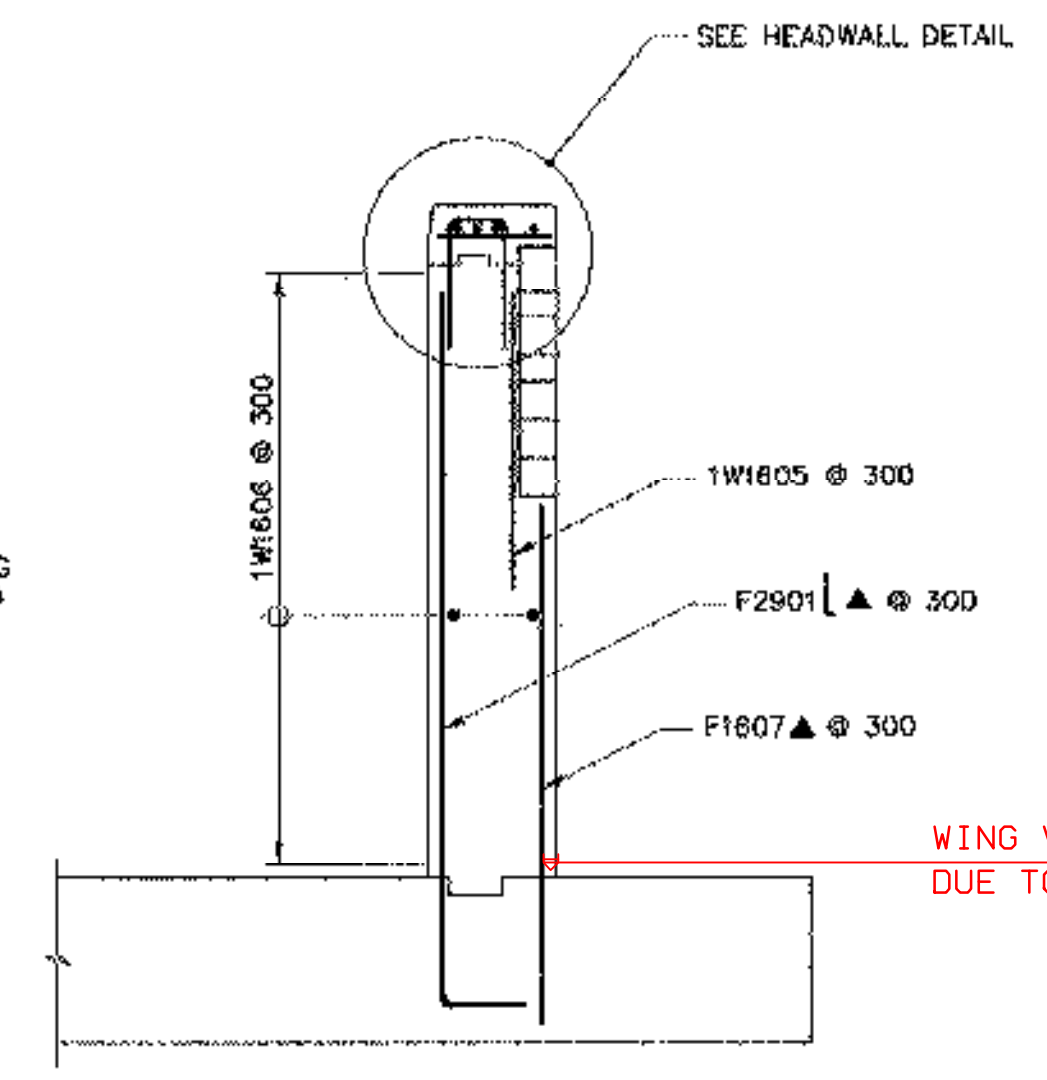


REINFORCEMENT AT CENTER BAFFLE SECTION
 SCALE 1:20

VERTICAL BARS SHORTENED DUE TO CHANGE IN FTG. ELEV.

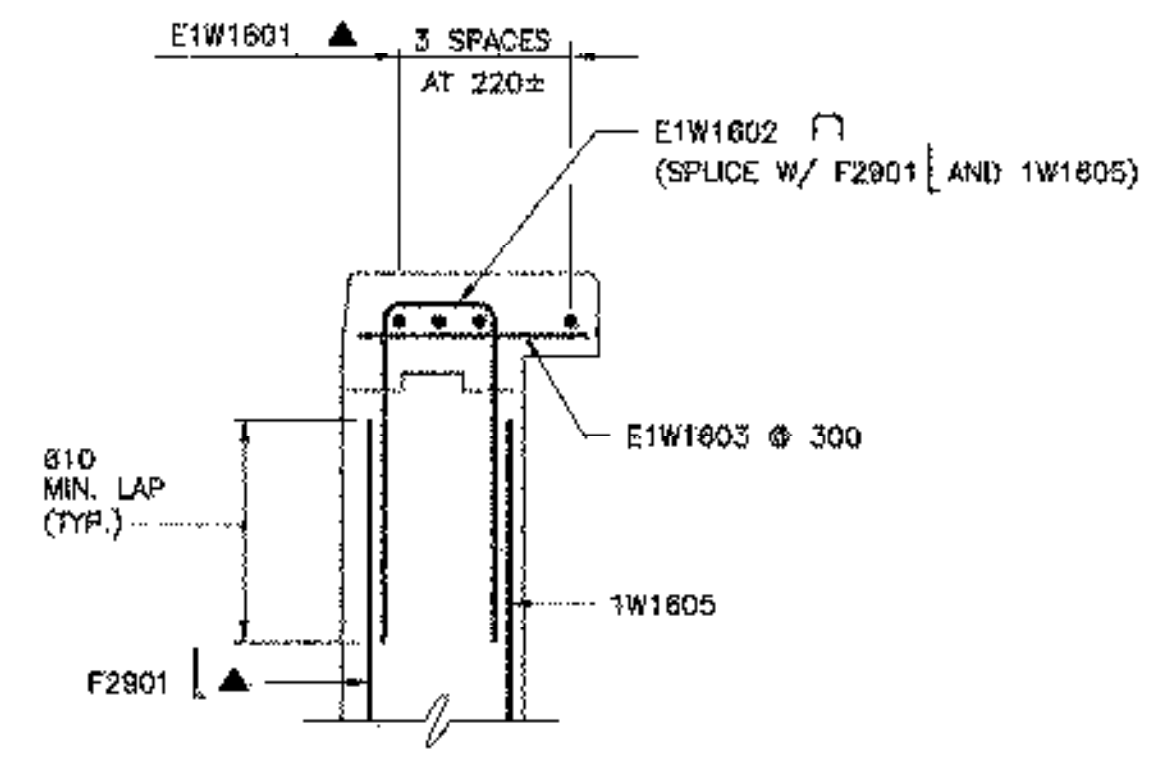


TYPICAL WINGWALL ELEVATION
 SCALE 1:40

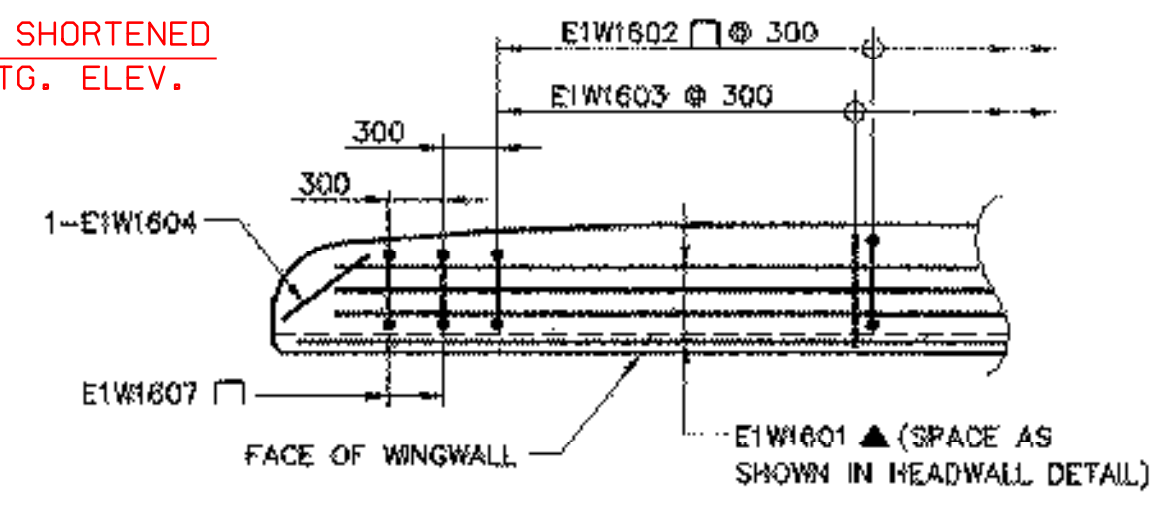


TYPICAL WINGWALL SECTION
 SCALE 1:40

WING VERTICAL BARS SHORTENED DUE TO CHANGE IN FTG. ELEV.



HEADWALL DETAIL
 SCALE 1:20



NOTE: BARS SHALL BE TURNED AS REQUIRED TO FIT FLARED ENDS

FLARED END FOR CURB
 SCALE 1:40

ARCHIVED ON CADD

REVISIONS		
NO.	DESCRIPTION	BY & DATE

STATE OF VERMONT AGENCY OF TRANSPORTATION

CLARENDON, VERMONT		Bridge No. 25
TOWN HIGHWAY NO. 10		Surv. Sta.
TOWN HIGHWAY NO. 10 OVER THE CLARENDON RIVER		
WINGWALL & BAFFLE REINFORCEMENT		
Designed by: K.L. JAMES	Drawn by: N.J. HOYT	
Checked by: M.H. GALLO date 6/15/00	Bridge Design Supervisor: J.W. TUCKER date	
VAOT PROJECT NO. BRO 1443(27)	DK PROJECT NO. R13667F5	
Bridge Sheet No.	SHEET 19 of 25	

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DuBois & King
 inc.

engineering planning management development

HC FILE #0909V.DWG / PLOT SCALE 1:40