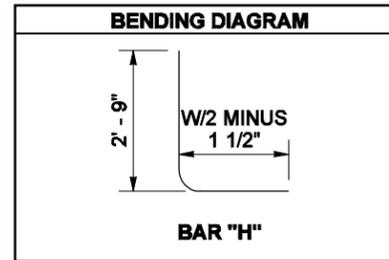


WALL HT H	TYPE 9A						TYPE 9B						TYPE 9C						TYPE 9D						WALL HT H
	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS "D"&"H"	W	BARS "A"&"F"	t	BAR "B"	SPIRAL BAR "G"	BARS D & H	
6' - 0"	2' - 0"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 15"	2' - 3"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 12"	2' - 0"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 15"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 11"	6' - 0"
8' - 0"	2' - 3"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 12"	2' - 9"	3 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 15"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 10"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	8' - 0"
10' - 0"	2' - 6"	3 ~ #4	5"	#4 @ 18"	W2.0 @ 2"	#3 @ 9"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	2' - 9"	3 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	3' - 6"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	10' - 0"
12' - 0"	3' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 12"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 12"	12' - 0"
14' - 0"	3' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 10"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 9"	4' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 8"	14' - 0"
16' - 0"	3' - 9"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 2"	#4 @ 9"	4' - 9"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 12"	4' - 3"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	5' - 6"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	16' - 0"
18' - 0"	4' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 3/4"	#5 @ 11"	5' - 3"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	4' - 6"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 12"	6' - 0"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	18' - 0"
20' - 0"	5' - 0"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 1/2"	#5 @ 9"	6' - 0"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	5' - 3"	5 ~ #4	5"	#4 @ 18"	W4.0 @ 2"	#6 @ 10"	6' - 6"	6 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 7"	20' - 0"
22' - 0"	5' - 6"	5 ~ #4	5"	#4 @ 18"	W3.0 @ 1 1/2"	#5 @ 7"	6' - 3"	5 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 8"	5' - 9"	5 ~ #4	6"	#4 @ 18"	W4.0 @ 2"	#6 @ 9"	7' - 0"	6 ~ #4	7"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 7"	22' - 0"
24' - 0"	6' - 0"	5 ~ #4	5"	#4 @ 15"	W3.0 @ 1 1/2"	#5 @ 6"	6' - 9"	5 ~ #4	7"	#4 @ 11"	W4.0 @ 1 3/4"	#6 @ 8"	6' - 3"	5 ~ #4	6"	#4 @ 12"	W4.0 @ 1 3/4"	#6 @ 8"	7' - 6"	6 ~ #4	7"	#4 @ 15"	W4.0 @ 1 1/2"	#6 @ 6"	24' - 0"

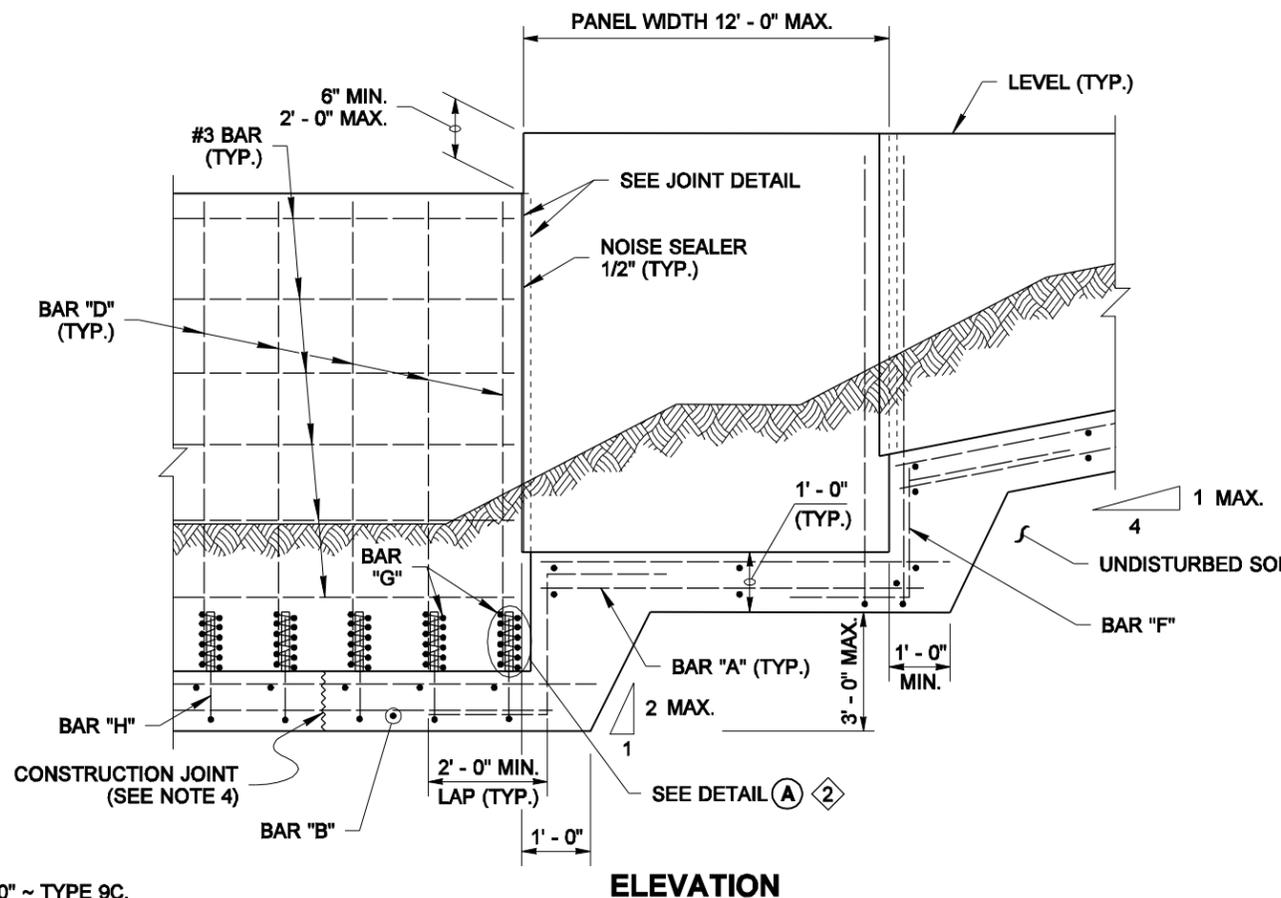
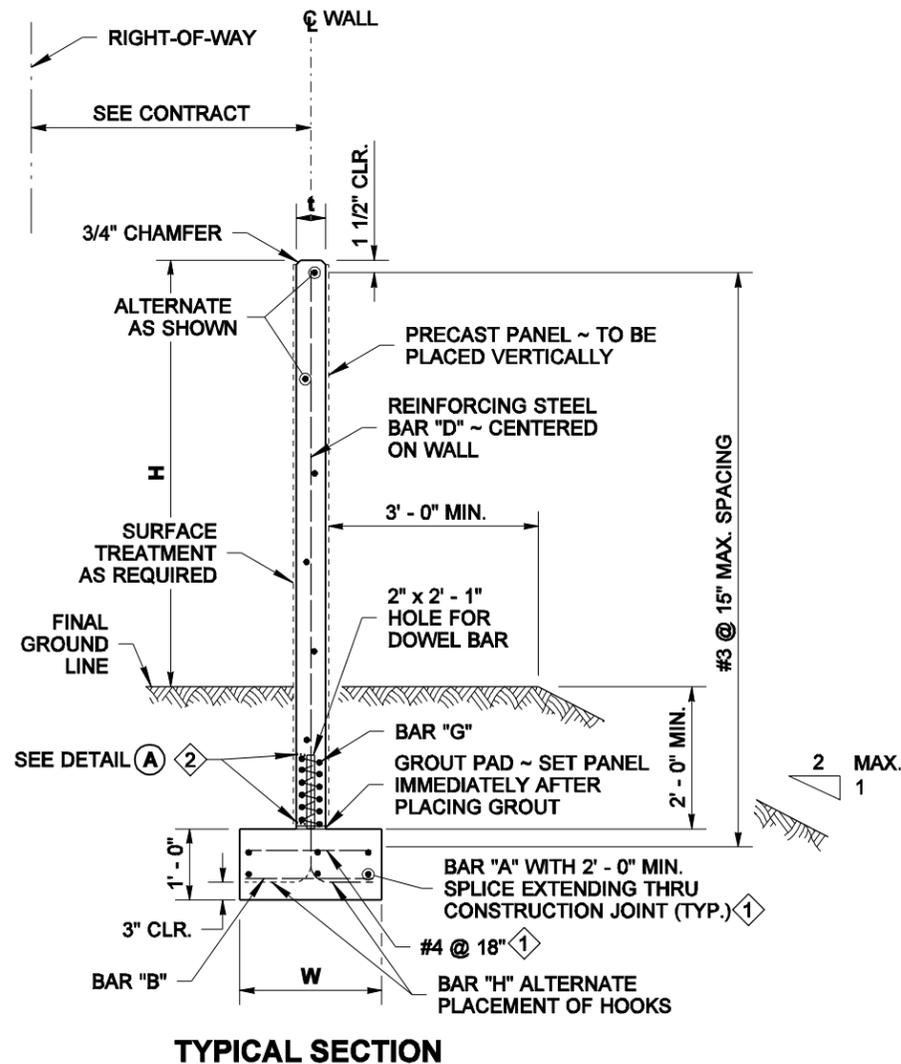
t = WALL THICKNESS

WIND EXPOSURE & VELOCITY		
NOISE BARRIER TYPE	WIND EXPOSURE	WIND VELOCITY (MPH)
9A	B1	80
9B	B1	90
9C	B2	80
9D	B2	90



**NOTES**

1. Wall to be designated Noise Barrier Wall Type 9A, 9B, 9C or 9D. The Contract specifies actual wall designation.
2. For intermediate wall heights, use the next higher H.
3. Panels shall have at least 3' - 0" of level ground on each side.
4. Construction joints in the footing shall be spaced at 120 feet maximum.
5. All joints shall be in full contact and sealed.



**PRECAST CONCRETE WALL ON SPREAD FOOTING**



EXPIRES AUGUST 23, 2006

**NOISE BARRIER WALL TYPE 9**

**STANDARD PLAN D-2.32-00**

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

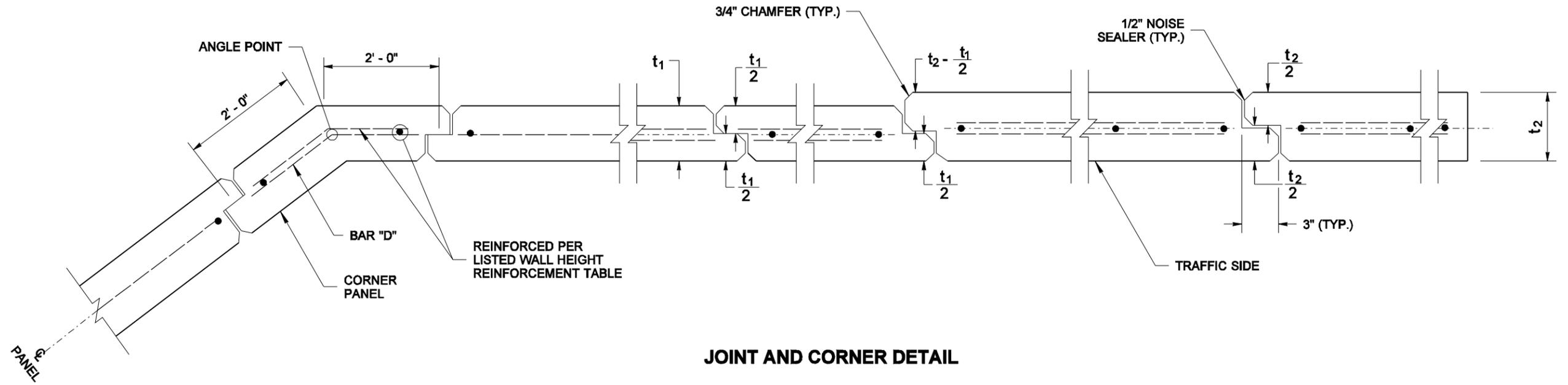
**Harold J. Peterfeso** 11-10-05

STATE DESIGN ENGINEER DATE

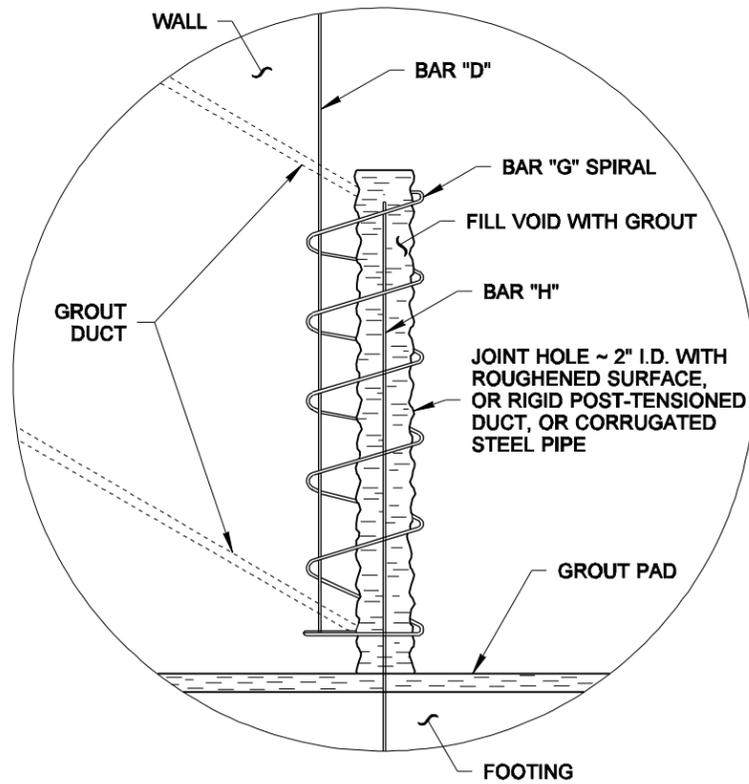


1 REQUIRED FOR WALL HEIGHT 24' - 0" ~ TYPE 9C, WALLS 22' - 0" & 24' - 0" ~ TYPE 9B & WALLS 20' - 0", 22' - 0" & 24' - 0" ~ TYPE 9D.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

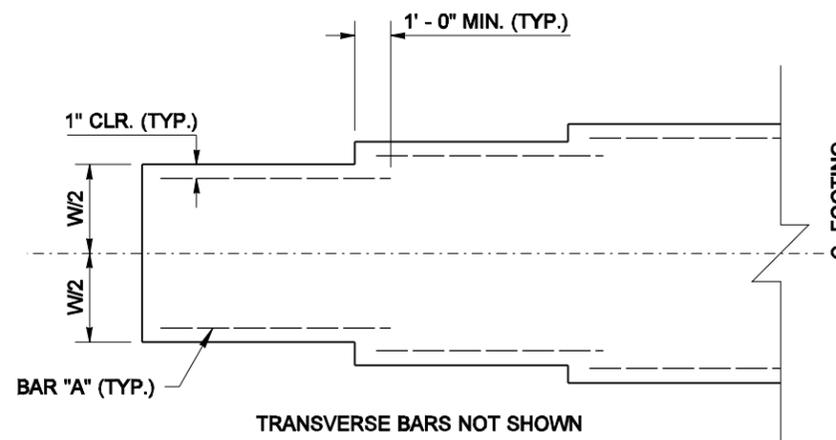


**JOINT AND CORNER DETAIL**



2 FILL THE JOINT HOLE WITH GROUT USING DUCTS. DUCTS SHALL BE LOCATED ON PANEL FACE OPPOSITE TRAFFIC

**DETAIL A**



**FOOTING WIDTH TRANSITION DETAIL**  
FOR LOCATIONS WITHOUT FOOTING STEP

**PRECAST CONCRETE WALL ON SPREAD FOOTING**



EXPIRES AUGUST 23, 2006

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**NOISE BARRIER WALL TYPE 9**

**STANDARD PLAN D-2.32-00**

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Harold J. Peterfeso** 11-10-05

STATE DESIGN ENGINEER

DATE

