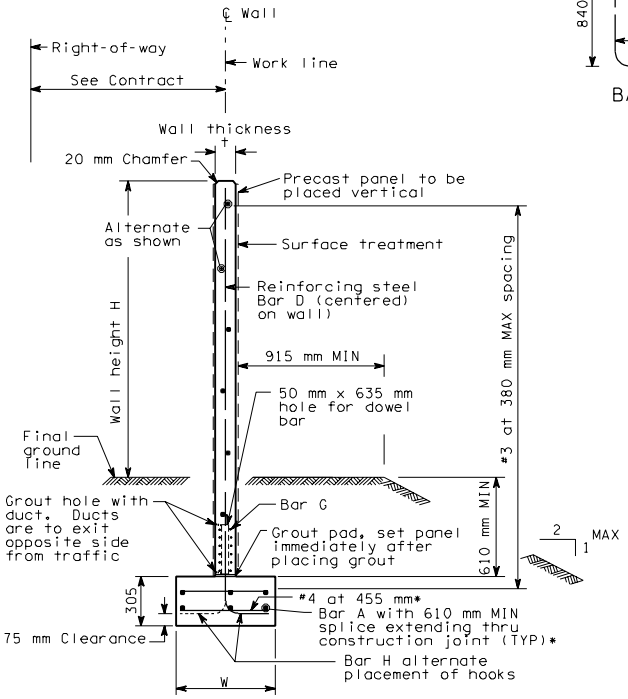
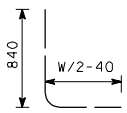
WALL HT H (m)	TYPE 9A						TYPE 9B						TYPE 9C						TYPE 9D						WALL HT H (m)
	W (m)	BARS A and F	t (mm)	BAR B (mm)	SPIRAL BAR G (mm)	BARS D and H (mm)	W (m)	BARS A and F	t (mm)	BAR B (mm)	SPIRAL BAR G (mm)	BARS D and H (mm)	W (m)	BARS A and F	t (mm)	BAR B (mm)	SPIRAL BAR G (mm)	BARS D and H (mm)	W (m)	BARS A and F	t (mm)	BAR B (mm)	SPIRAL BAR G (mm)	BARS D and H (mm)	
1.830	610 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 380	685 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 380	610 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 380	760 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 280	1.830
2.440	685 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 305	840 mm	3 - #4	125	#4 at 455	W3.0 at 50	#3 at 255	760 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 255	990 mm	3 - #4	125	#4 at 455	W3.0 at 50	#4 at 305	2.440
3.050	760 mm	3 - #4	125	#4 at 455	W2.0 at 50	#3 at 230	990 mm	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 305	840 mm	3 - #4	125	#4 at 455	W3.0 at 50	#4 at 305	1.065	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 255	3.050
3.660	915 mm	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 305	1.145	5 - #4	125	#4 at 455	W4.0 at 50	#4 at 255	990 mm	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 255	1.295	5 - #4	125	#4 at 455	W3.0 at 50	#5 at 305	3.660
4.265	990 mm	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 255	1.295	5 - #4	125	#4 at 455	W3.0 at 45	#4 at 230	1.145	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 230	1.450	5 - #4	125	#4 at 455	W3.0 at 45	#5 at 205	4.265
4.875	1.145	5 - #4	125	#4 at 455	W3.0 at 50	#4 at 230	1.450	5 - #4	125	#4 at 455	W4.0 at 50	#6 at 280	1.295	5 - #4	125	#4 at 455	W3.0 at 45	#5 at 280	1.675	5 - #4	125	#4 at 455	W4.0 at 50	#6 at 230	4.875
5.485	1.220	5 - #4	125	#4 at 455	W3.0 at 45	#5 at 280	1.600	5 - #4	125	#4 at 455	W4.0 at 50	#6 at 305	1.370	5 - #4	125	#4 at 455	W4.0 at 50	#6 at 305	1.830	5 - #4	150	#4 at 455	W4.0 at 50	#6 at 230	5.485
6.095	1.525	5 - #4	125	#4 at 455	W3.0 at 40	#5 at 230	1.830	5 - #4	150	#4 at 455	W4.0 at 50	#6 at 255	1.600	5 - #4	125	#4 at 455	W4.0 at 50	#6 at 255	1.830	6 - #4	150	#4 at 305	W4.0 at 45	#6 at 175	6.095
6.705	1.675	5 - #4	125	#4 at 455	W3.0 at 40	#5 at 175	1.905	5 - #4	150	#4 at 305	W4.0 at 45	#6 at 230	1.755	5 - #4	150	#4 at 455	W4.0 at 50	#6 at 230	1.980	6 - #4	175	#4 at 305	W4.0 at 45	#6 at 175	6.705
7.315	1.830	5 - #4	125	#4 at 380	W3.0 at 40	#5 at 150	2.055	5 - #4	175	#4 at 280	W4.0 at 45	#6 at 205	1.905	5 - #4	150	#4 at 305	W4.0 at 45	#6 at 205	2.135	6 - #4	175	#4 at 380	W4.0 at 40	#6 at 150	7.315

NOTES

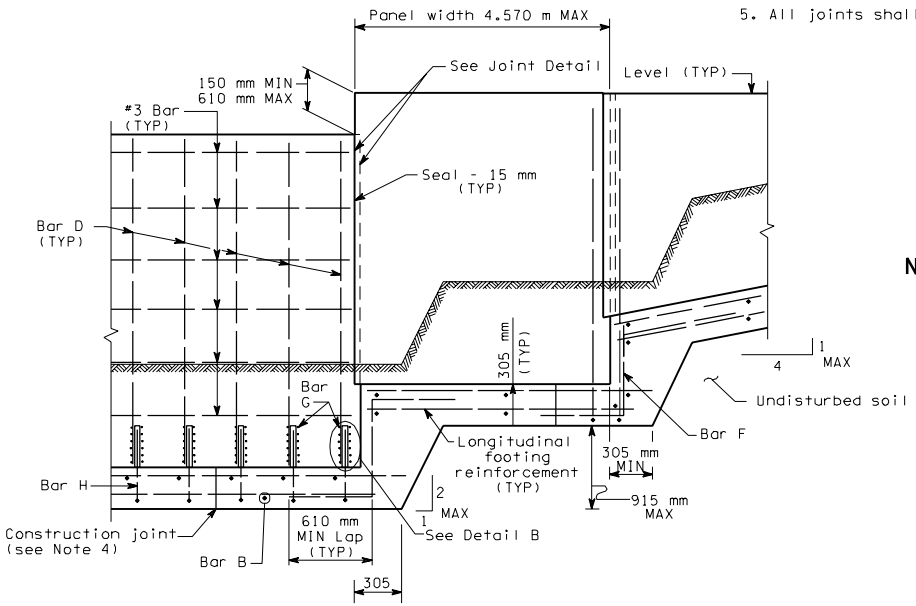
1. Wall to be designated Noise Barrier Type 9A, 9B, 9C or 9D. The Contract specifies actual wall designation.
2. For intermediate wall heights, use the next higher H.
3. Panels shall have at least 915 mm of level ground on each side.
4. Construction joints in the footing shall be spaced at 36.575 m maximum.
5. All joints shall be in full contact and sealed.



TYPICAL SECTION



BAR H



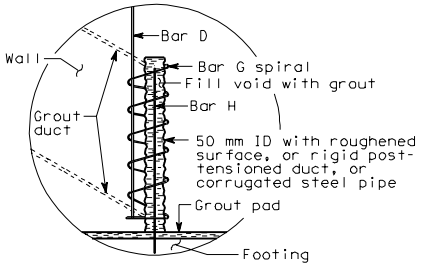
ELEVATION

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

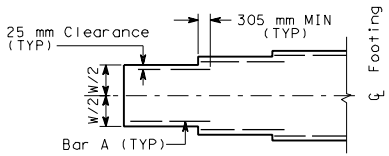
NOISE BARRIER - TYPE 9

PRECAST CONCRETE WALL WITH SPREAD FOOTING

*Required for wall height 7.315 m - Type 9C, walls 6.705 m - 7.315 m - Type 9B and walls 6.095 m, 6.705 m and 7.315 m - Type 9D.



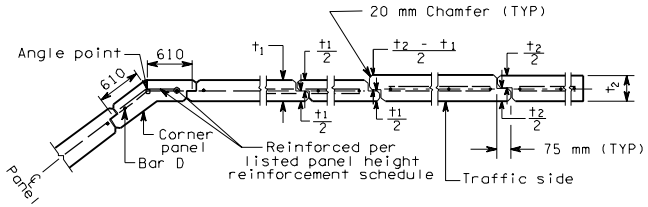
DETAIL B



FOOTING WIDTH TRANSITION DETAIL

(For locations without footing step)

NOTE: Transverse bars not shown



JOINT AND CORNER DETAIL

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

NOISE BARRIER - TYPE 9

PRECAST CONCRETE WALL WITH SPREAD FOOTING