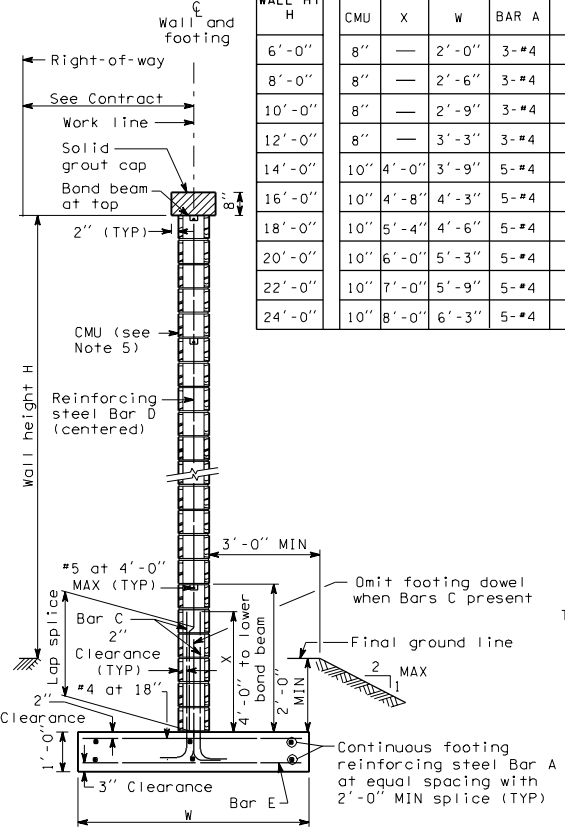
WALL HT H	TYPE 17A							TYPE 17B							WALL HT H
	CMU	X	W	BAR A	BAR C	BAR D	BAR E	CMU	X	W	BAR A	BAR C	BAR D	BAR E	
6'-0"	8"	—	2'-0"	3-#4	—	#6 at 48"	#4 at 18"	8"	—	2'-3"	3-#4	—	#6 at 48"	#4 at 18"	6'-0"
8'-0"	8"	—	2'-3"	3-#4	—	#6 at 48"	#4 at 18"	8"	—	2'-9"	4-#4	—	#6 at 48"	#4 at 18"	8'-0"
10'-0"	8"	—	2'-6"	3-#4	—	#6 at 48"	#4 at 18"	8"	—	3'-3"	4-#4	—	#6 at 48"	#4 at 18"	10'-0"
12'-0"	8"	—	3'-0"	4-#4	—	#6 at 48"	#4 at 18"	10"	4'-0"	3'-9"	4-#4	—	#6 at 40"	#4 at 18"	12'-0"
14'-0"	8"	—	3'-3"	4-#4	—	#6 at 32"	#4 at 18"	10"	4'-8"	4'-3"	5-#4	#6 at 1.015	#6 at 40"	#4 at 18"	14'-0"
16'-0"	10"	5'-4"	3'-9"	5-#4	—	#6 at 32"	#4 at 18"	10"	5'-4"	4'-9"	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	16'-0"
18'-0"	10"	6'-0"	4'-0"	5-#4	#6 at 48"	#6 at 48"	#4 at 18"	10"	6'-0"	5'-3"	6-#4	#6 at 24"	#6 at 24"	#4 at 18"	18'-0"
20'-0"	10"	6'-8"	5'-0"	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	10"	8'-0"	6'-0"	5-#4	#7 at 24"	#7 at 24"	#4 at 18"	20'-0"
22'-0"	10"	7'-4"	5'-6"	5-#4	#6 at 24"	#6 at 24"	#4 at 18"	10"	10'-0"	6'-3"	5-#4	#7 at 16"	#7 at 16"	#4 at 12"	22'-0"
24'-0"	10"	8'-0"	6'-0"	5-#4	#6 at 24"	#6 at 24"	#4 at 18"	10"	12'-0"	6'-9"	5-#4	#8 at 16"	#8 at 16"	#4 at 12"	24'-0"

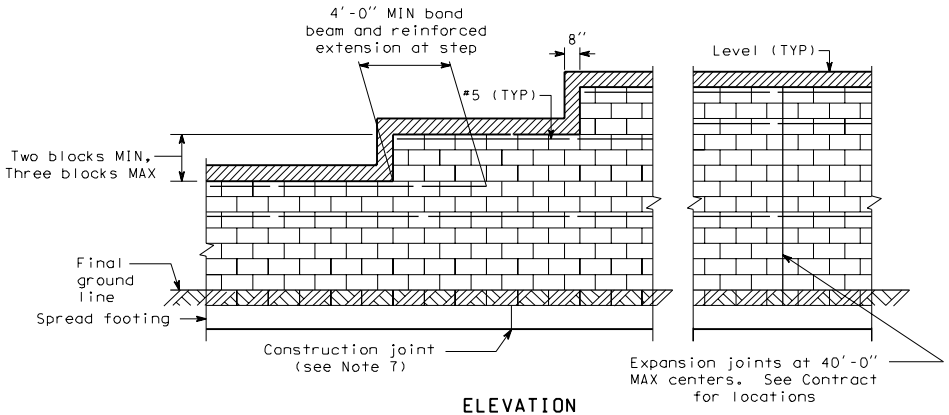
WALL HT H	TYPE 17C							TYPE 17D							WALL HT H
	CMU	X	W	BAR A	BAR C	BAR D	BAR E	CMU	X	W	BAR A	BAR C	BAR D	BAR E	
6'-0"	8"	—	2'-0"	3-#4	—	#6 at 48"	#4 at 18"	8"	—	2'-6"	3-#4	—	#6 at 48"	#4 at 18"	6'-0"
8'-0"	8"	—	2'-6"	3-#4	—	#6 at 48"	#4 at 18"	8"	—	3'-3"	5-#4	—	#6 at 48"	#4 at 18"	8'-0"
10'-0"	8"	—	2'-9"	3-#4	—	#6 at 48"	#4 at 18"	10"	4'-0"	3'-6"	5-#4	—	#6 at 24"	#4 at 18"	10'-0"
12'-0"	8"	—	3'-3"	3-#4	—	#6 at 40"	#4 at 18"	10"	4'-0"	4'-3"	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	12'-0"
14'-0"	10"	4'-0"	3'-9"	5-#4	—	#6 at 16"	#4 at 18"	10"	4'-8"	4'-9"	5-#4	#6 at 24"	#6 at 24"	#4 at 18"	14'-0"
16'-0"	10"	4'-8"	4'-3"	5-#4	#6 at 40"	#6 at 40"	#4 at 18"	10"	5'-4"	5'-6"	5-#4	#6 at 16"	#7 at 16"	#4 at 18"	16'-0"
18'-0"	10"	5'-4"	4'-6"	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	10"	7'-4"	6'-0"	5-#4	#7 at 24"	#7 at 16"	#4 at 18"	18'-0"
20'-0"	10"	6'-0"	5'-3"	5-#4	#6 at 24"	#6 at 16"	#4 at 18"	10"	9'-8"	6'-6"	5-#4	#7 at 16"	#8 at 16"	#4 at 12"	20'-0"
22'-0"	10"	7'-0"	5'-9"	5-#4	#6 at 16"	#6 at 16"	#4 at 18"	10"	12'-0"	7'-0"	5-#4	#7 at 16"	#8 at 16"	#4 at 12"	22'-0"
24'-0"	10"	8'-0"	6'-3"	5-#4	#7 at 16"	#7 at 16"	#4 at 12"	10"	15'-0"	7'-6"	6-#4	#7 at 16"	#8 at 16"	#4 at 12"	24'-0"

NOTES

1. Wall to be designated Noise Barrier Type 17A, 17B, 17C or 17D. The Contract specifies actual wall designations.
2. For intermediate wall heights, use the next higher H.
3. All masonry shall be hollow unit and installed as running bond.
4. All masonry is to be specially inspected.
5. All Concrete Masonry Unit (CMU) cells that have vertical steel reinforcing bars or bond beam units shall be filled with grout.
6. Panels shall have at least 3 feet of level ground on each side.
7. Construction joints in the footing shall be spaced at 120 feet maximum.
8. See "Masonry Wall Finishes and Details" sheets for masonry block finishes, special shapes, sizes and layout.



TYPICAL SECTION



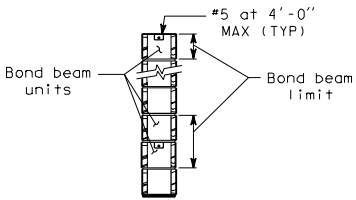
ELEVATION

NOISE BARRIER - TYPE 17
MASONRY WALL ON SPREAD FOOTING

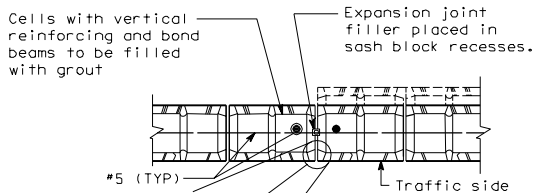
D-2q

03-14-97

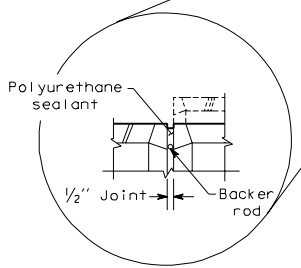
BAR SIZE	SPLICE LENGTH
#6	2'-8"
#7	3'-8"
#8	4'-10"



BOND BEAM DETAIL

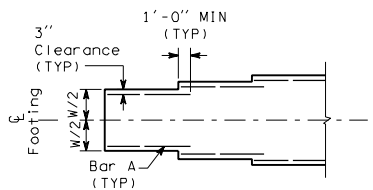


TYPICAL EXPANSION JOINT



DETAIL A

Typical both sides of wall



FOOTING WIDTH TRANSITION DETAIL

(For locations without footing step)

NOTE: Transverse bars not shown

NOISE BARRIER - TYPE 17

MASONRY WALL ON SPREAD FOOTING

D-2q

03-14-97