



1/2" Thick expansion board pad attached to wingwall with construction adhesive (typ.)

45 [1 3/4"] x 305 [12"] x 305 [12"] Blockout (typ.)

Ø 102 [4"] Ø Weephole through Wingwall

Horizontal Bars:
16M [#5] @ 305 [1'-0"] o.c. max. front side
19M [#6] @ 229 [9"] o.c. max. anchor side

Vertical Bars:
16M [#5] @ 305 [1'-0"] o.c. max. front side
19M [#6] @ 229 [9"] o.c. max. anchor side

ELEVATION

SECTION 16

REINFORCING DETAIL
(See Section - Sheet S27)

Notes:
- Elevation is looking at back face of Wingwall
- All edges of Precast to have a 19 [3/4"] chamfer

Total Weight = 6.1 Metric Tons [6.7 Tons]

Wingwall	
Concrete	Reinf. Steel
28-day: 34.5 MPa [5000 psi]	413.5 MPa [60,000 psi] epoxy coated

Wherever the reinforcing is cut for the placement of lift holes or other blockouts, reinforcing bars or wires of equivalent cross-sectional area shall be placed symmetrically around the hole. At least one bar must be on each side of the hole, and the development length of the bar must be achieved on either side of the cut.

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Revisions:	Date				
	No.	1	2	3	4

Sheet Title: WINGWALL WW2 SHOP DRAWING

Producer: CONCRETE SYSTEMS, INC. NEW ENGLAND 800-342-3374

VERMONT
ROCKINGHAM
VT. RTE. 121
BRIDGE NO: 7

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