



**ELEVATION** 2  
S3

Headwall		Arch Unit		
Concrete	Reinf. Steel	Concrete	Reinf. Steel	WWF
28-day: 34.5 MPa [5000 psi]	413.5 MPa [60,000 psi] epoxy coated	28-day: 34.5 MPa [5000 psi]	413.5 MPa [60,000 psi] epoxy coated	448.0 MPa [65,000 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.

**Notes:**

- Elevation is looking at back face of Headwall
- Headwall to be cast against bridge unit
- Units must be grouted or braced when setting precast headwalls
- All edges of Precast to have a 19 [3/4"] chamfer

**CON/SPAN**  
BRIDGE SYSTEMS

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Revisions:	No.	Date
	1	
2		
3		
4		

Sheet Title: HEADWALL REINFORCING - HW1 SHOP DRAWING

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

VERMONT

VT. RTE. 121  
BRIDGE NO: 7

ROCKINGHAM

Des. By: KJG	Job No. 11415
Drawn By: JLL	Sheet No.
Chk'd By: JVP	<b>S5</b>
Date: 6/22/04	<b>060</b>