

NOTES:

1. Minimum 28-Day Concrete Compressive Strength shall be 34.5 MPa [5000 psi].
2. Overlap Length shall be measured from last crosswire.
3. Dimensions shown are for form system "A".
4. Minimum yield strength for welded wire fabric shall be 448 MPa [65,000 psi].
5. Reinforcing shall be limited to a maximum of three layers of reinforcing (WWF or bars) per area (A1, A2, A3 or A4).
6. All reinforcing shall be epoxy coated.
7. All edges of Precast to have a 19 [3/4"] chamfer

CONSPAN
BRIDGE SYSTEMS
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3100 Research Blvd.
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Revisions:	Date				
	No.	1	2	3	4

Sheet Title:
PRECAST UNIT REINFORCEMENT
SHOP DRAWING

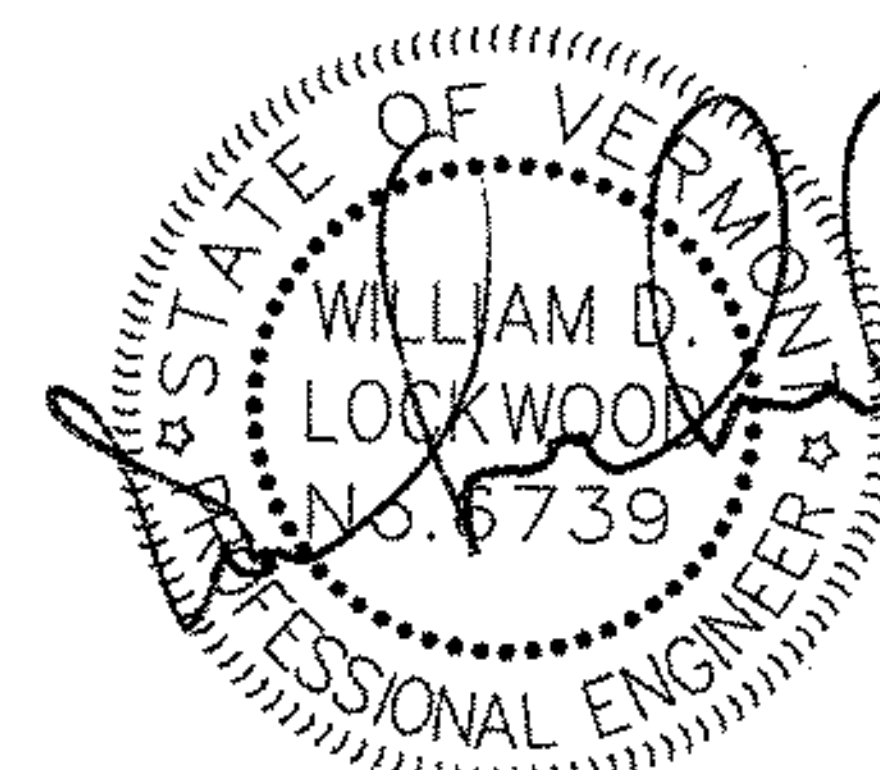
Producer:
CONCRETE SYSTEMS, INC.
NEW ENGLAND
800-342-3374

Weight of Required Reinforcement = 259 Kg/m [174 lbs/ft]

Sheet no.	Circumferential Area Req'd mm/m [in ² /ft]	Longitudinal Area Req'd mm/m [in ² /ft]	Mesh Size	Length mm [ft]	Circumferential Area Supl'd mm/m [in ² /ft]	Longitudinal Area Supl'd mm/m [in ² /ft]
1	A1 = 1778 [0.84]	445 [0.21]		3962 [13'-0"]		
2	A2 = 508 [0.24]	275 [0.13]		4140 [13'-7"]		
3	A3 = 1270 [0.60]	275 [0.13]		5029 [16'-6"]		
4	A4 = 508 [0.24]	508 [0.24]		2743 [9'-0"]		
5						
6						
7						

Design Loading: MS22.5 [HS25-44]

Cover = 610 [2'-0"] max.



VERMONT

VT. RTE. 121
BRIDGE NO. 7

Des. By: KJG Job No. 11415
Drawn By: JLL Sheet No. S2
Chk'd By: JVP
Date: 6/22/04 057