

CAP BEAM DEPTH & TIE SPACING – BCL-625						
SPAN	MAX. SLAB DEPTH		DECK WIDTH			
			4276	4876	5486	6096
9000	350	H	550	600	600	600
		D	150	150	150	150
		M	4-20M	4-20M	4-20M	4-25M
		N	4-30M	4-30M	5-30M	5-30M
12000	400	H	550	650	650	650
		D	150	150	150	150
		M	4-20M	4-20M	4-20M	4-25M
		N	4-30M	4-30M	6-30M	6-30M
15000	480	H	550	700	700	700
		D	150	150	150	150
		M	4-20M	4-20M	4-20M	4-25M
		N	4-30M	5-30M	6-30M	6-30M

CAP BEAM DEPTH & TIE SPACING – L100						
SPAN	MAX. SLAB DEPTH		DECK WIDTH			
			4276	4876	5486	6096
9000	430	H	600	650	700	700
		D	150	150	150	150
		M	4-25M	4-25M	4-25M	4-25M
		N	4-30M	5-30M	6-30M	6-30M
12000	480	H	700	750	800	800
		D	150	150	150	150
		M	4-25M	4-25M	4-25M	4-25M
		N	4-30M	5-30M	6-30M	6-30M
15000	530	H	750	800	900	900
		D	150	150	150	150
		M	4-25M	4-25M	4-25M	5-25M
		N	4-30M	6-30M	6-30M	6-30M

CAP BEAM DEPTH & TIE SPACING – L150					
SPAN	MAX. SLAB DEPTH		DECK WIDTH		
			4876	5486	6096
9000	480	H	800	900	900
		D	150	150	150
		M	4-25M	4-25M	4-25M
		N	5-30M	6-30M	6-30M
12000	550	H	800	950	950
		D	125	125	125
		M	4-25M	4-25M	5-25M
		N	6-30M	6-30M	6-30M
15000	600	H	850	1050	1050
		D	125	125	125
		M	4-25M	4-25M	5-25M
		N	6-30M	6-30M	6-30M

CAP BEAM DEPTH & TIE SPACING – L165					
SPAN	MAX. SLAB DEPTH		DECK WIDTH		
			4876	5486	6096
9000	500	H	800	900	900
		D	125	125	125
		M	4-25M	4-25M	5-25M
		N	6-30M	6-30M	6-30M
12000	580	H	900	1100	1100
		D	125	125	125
		M	4-25M	4-25M	5-25M
		N	6-30M	6-30M	6-30M
15000	650	H	1000	1150	1150
		D	125	125	125
		M	4-25M	5-25M	5-25M
		N	6-30M	6-30M	6-30M

ASSUME NOT TO SCALE
 ORIGINAL SIGNED AND SEALED

NOTES:

1. PRECAST CONCRETE CAP BEAM DESIGNED BASED ON THE MAXIMUM SLAB DEPTH SHOWN. IF THE SLAB DEPTH EXCEEDS THAT SHOWN, DWG'S STD-EC-050-18 THROUGH 21 ARE NOT APPLICABLE AND AN ENGINEER SHOULD COMPLETE A PROJECT SPECIFIC SUBSTRUCTURE DESIGN.

DESIGN ENGINEER	0 2 4 6 8 10 meters SCALE AS SHOWN	 Ministry of Forests, Lands and Natural Resource Operations ENGINEERING BRANCH	STANDARD BRIDGE DRAWING																				
	Checked <u>JULIEN HENLEY</u> Date <u>14/04/01</u> Drawn <u>ERFAN FARJOO</u> Date <u>14/04/01</u> BAR LENGTH IS 40mm ON ORIGINAL.	DRAWING TITLE: SUBSTRUCTURE DETAILS FOR CONCRETE SLAB BRIDGES - SHEET 3																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>DESCRIPTION</th> <th>Init</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Rev	Date	DESCRIPTION	Init																	DESIGNED BY: HELEN DU, P.ENG.	APPROVED BY:
Rev	Date	DESCRIPTION	Init																				
	COORDINATING REGISTERED PROFESSIONAL:	FLNR ENGINEER:																					
	FILE No.	DRAWING No. STD-EC-050-20																					
PROFESSIONAL SEAL	REVISIONS																						