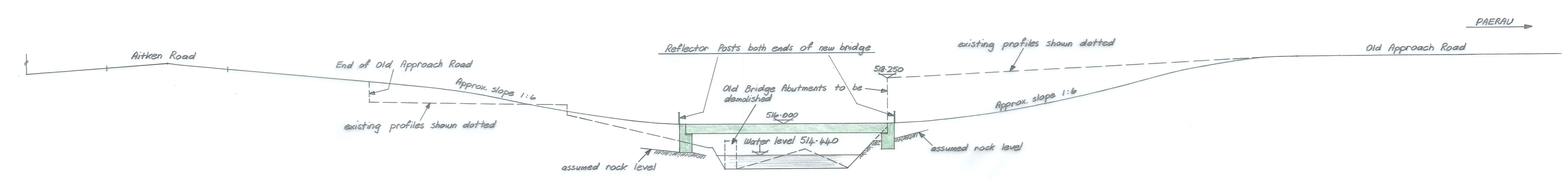
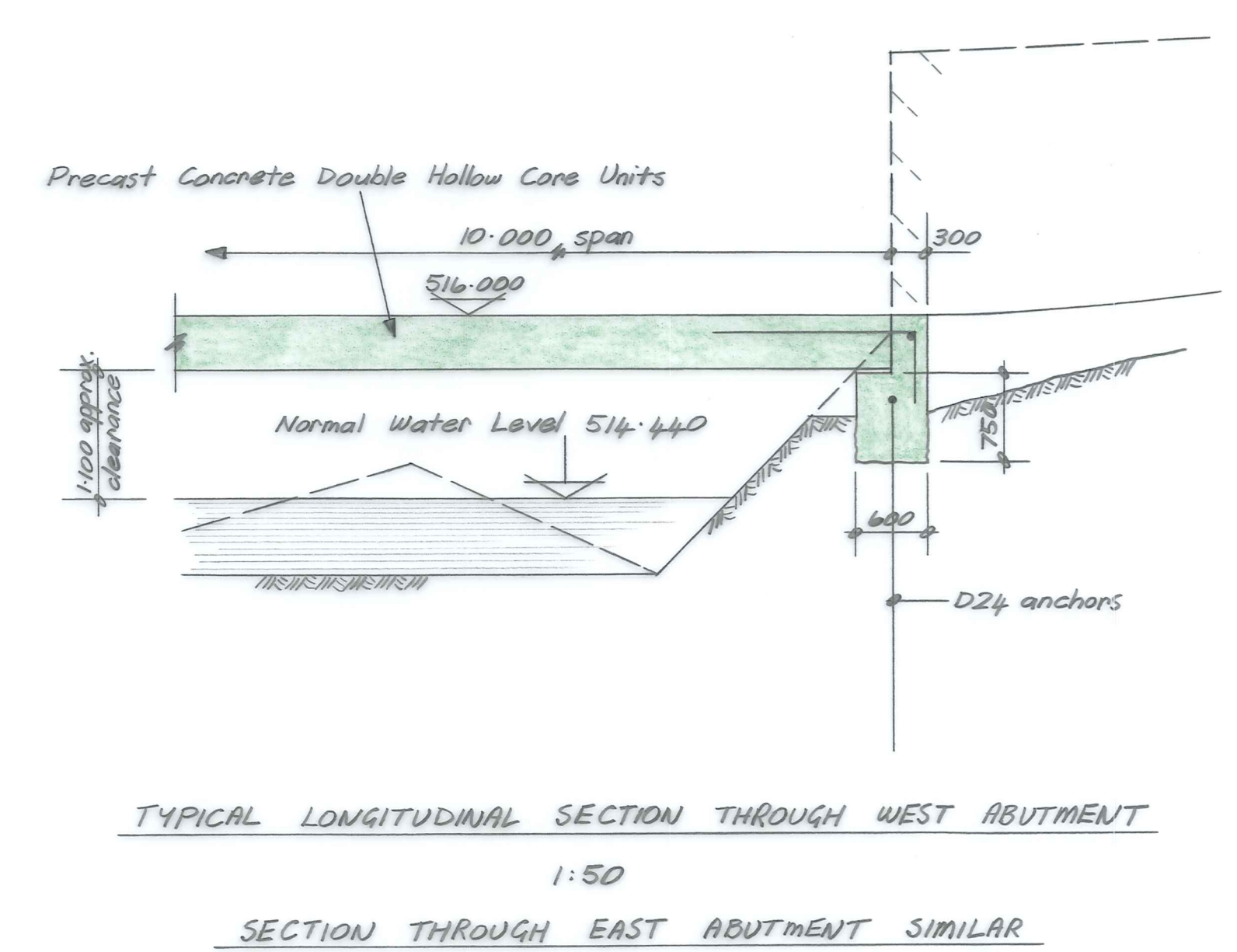
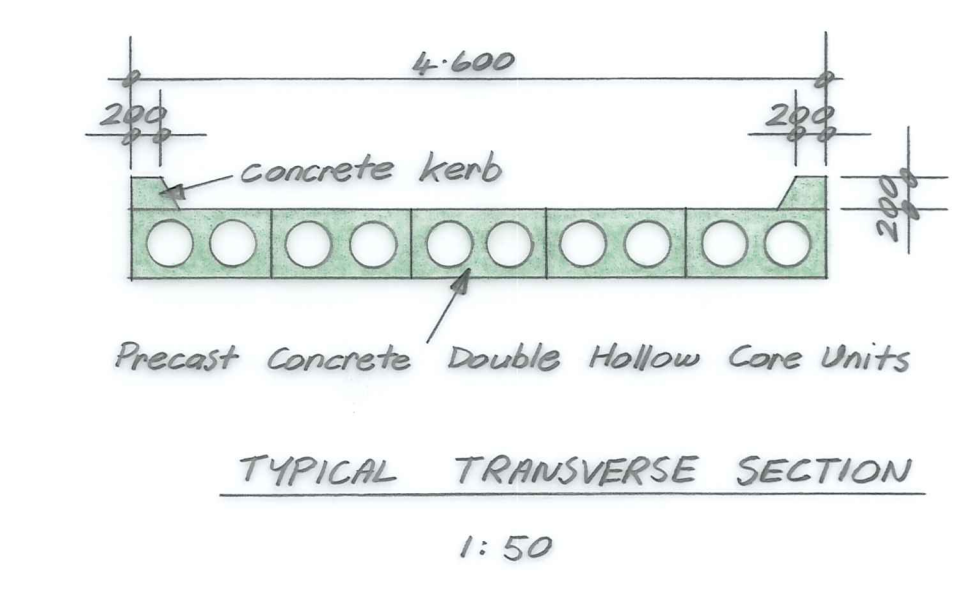
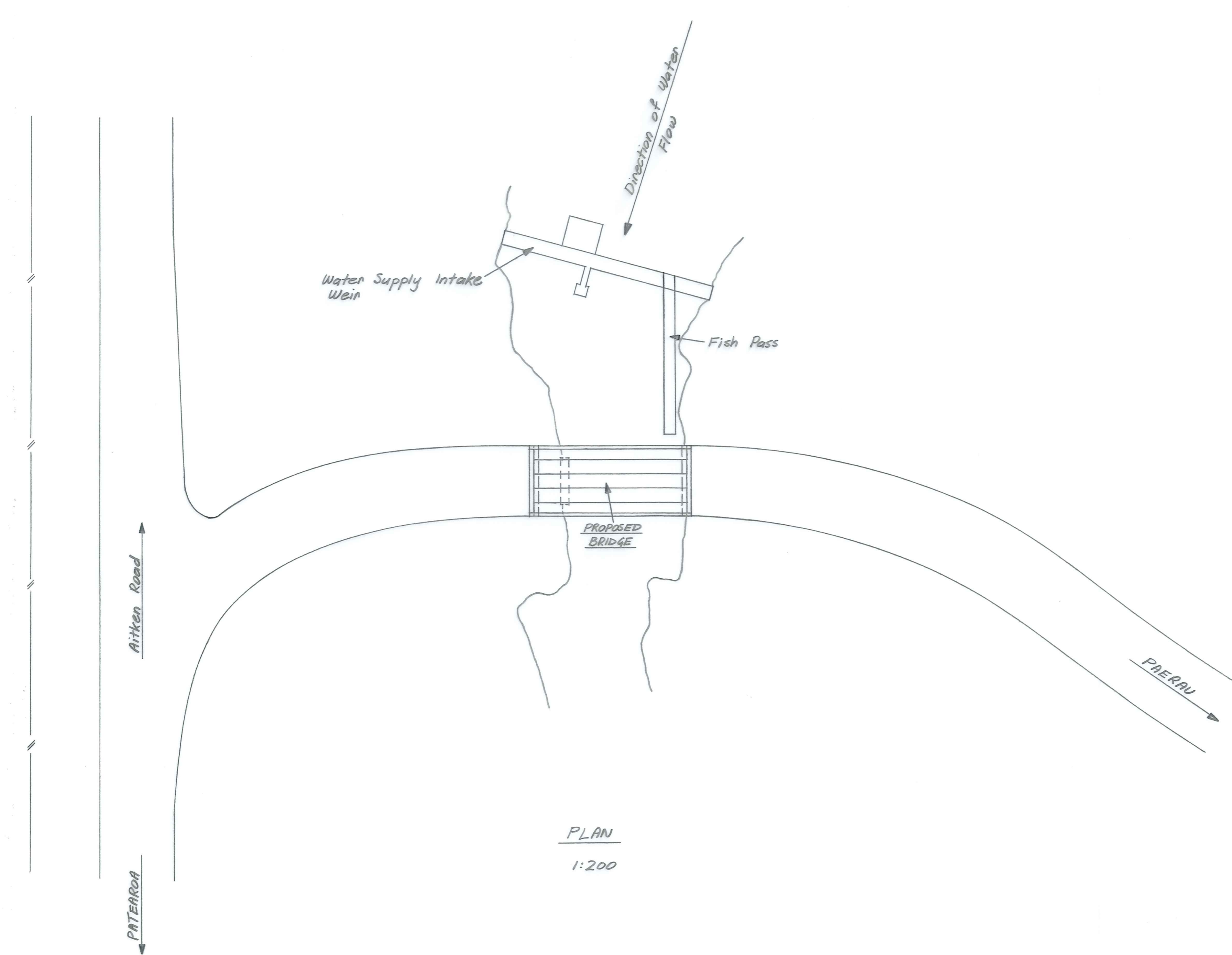


7100/1
SOWBURN BRIDGE
SCHEME PLAN FOR PROPOSED BRIDGE

ORIGINAL SIZE
 mm INCHES
 0 10 20 30 50 100 150 200 300
 0 1 2 3 4 5 6 7 8 9 10 11 12



Order Filemaster "D" SELF-ADHESIVE PLAN HANGER Number 137841

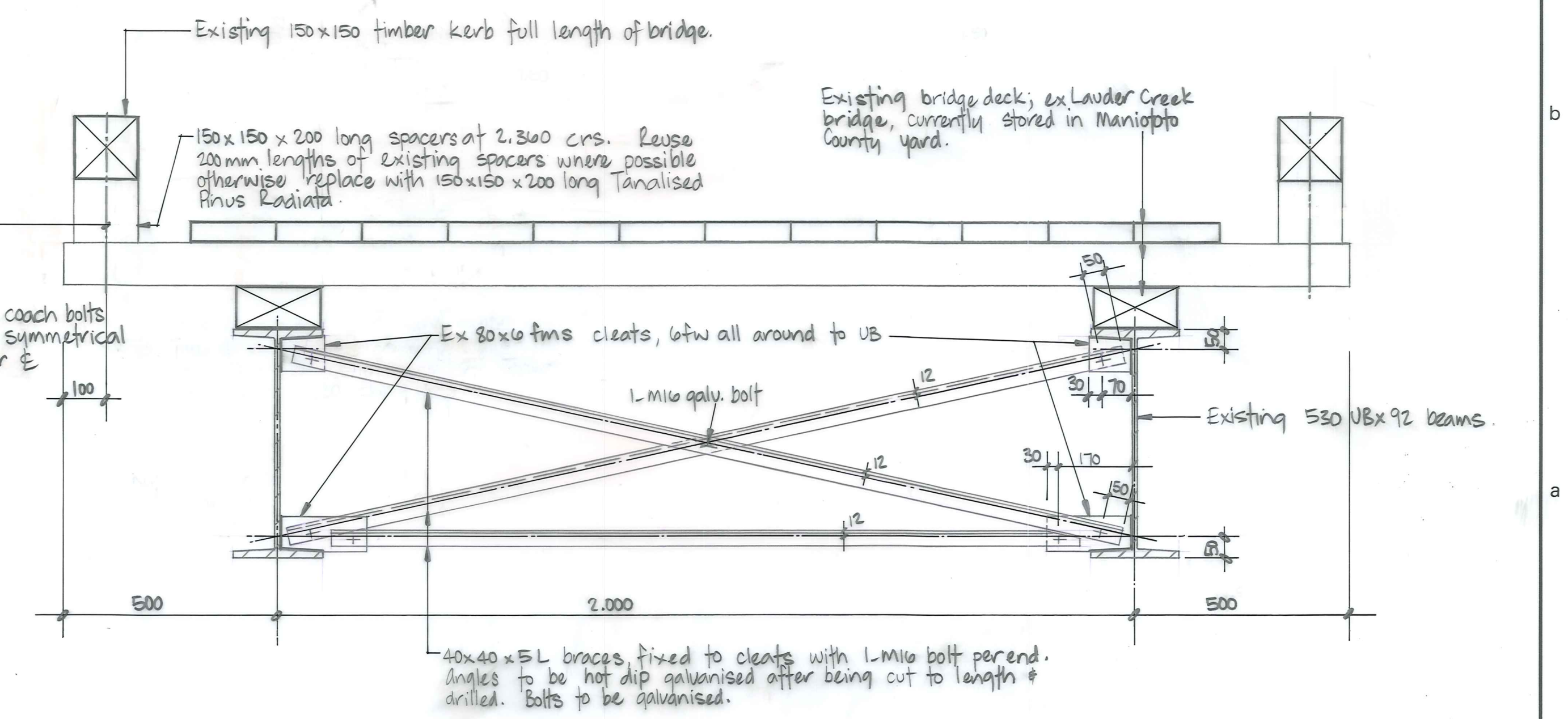
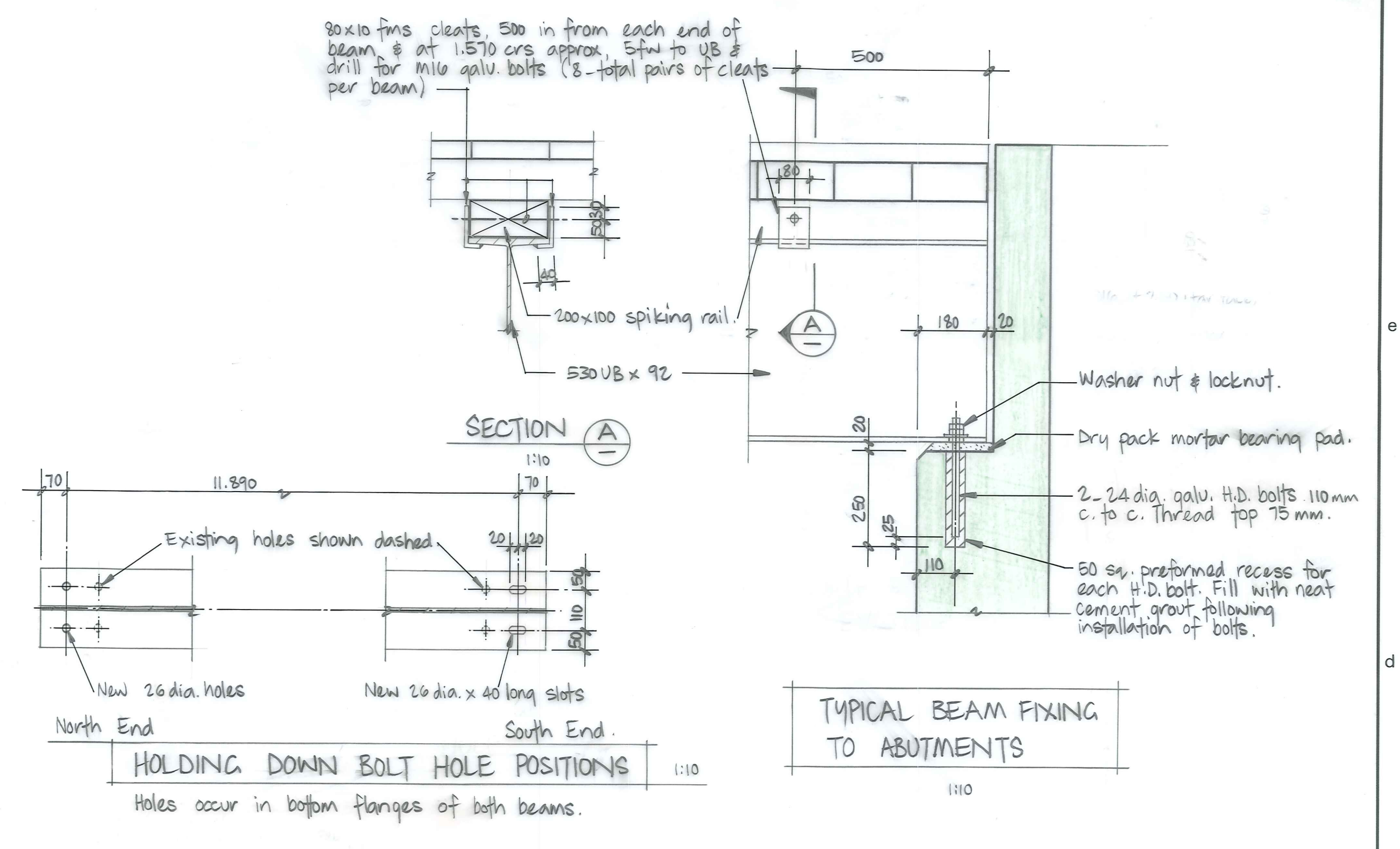
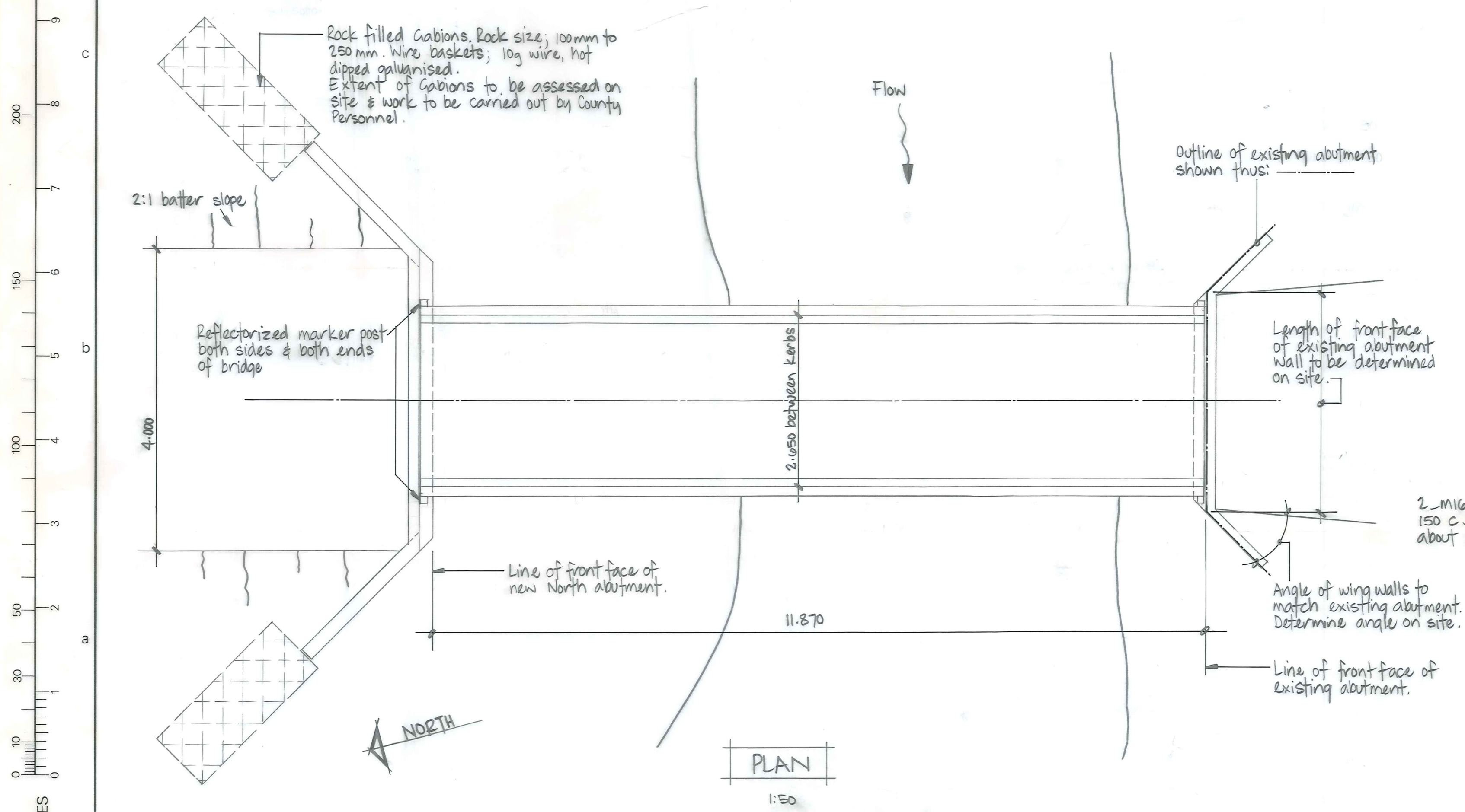
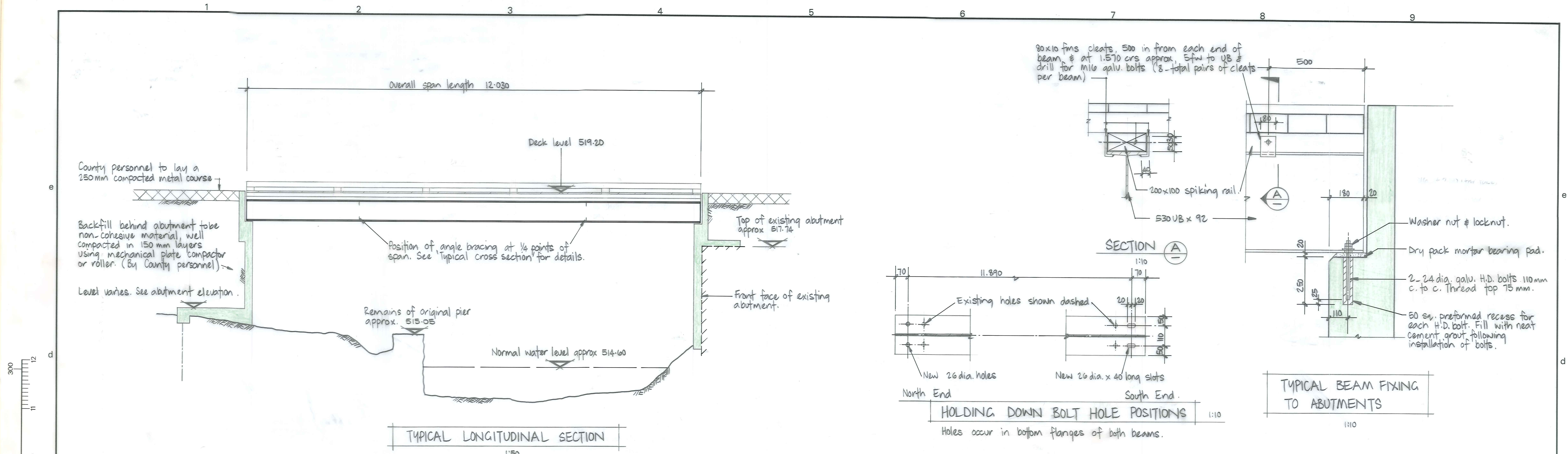
DUFFILL WATTS & KING LTD
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 Dunedin P.O. Box 5269 Ph. 777-133 Invercargill P.O. Box 576 Ph. 83049
 Cromwell P.O. Box 82 Ph. 50391

MANIOTOTO
COUNTY COUNCIL

SOWBURN BRIDGE
 Scheme Plan For Proposed Bridge

AMENDMENTS			NAME		DATE	JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed		9960	1
				Drawn	K.M. Ferguson Sept. 1982		
				Calculations	w. J. Beekhuis Sept. 1982		
				Traced			
				Checked			
				Approved		File 6/7/20	L.B.

SOWBURN BRIDGE REPLACEMENT
 PATEAROA

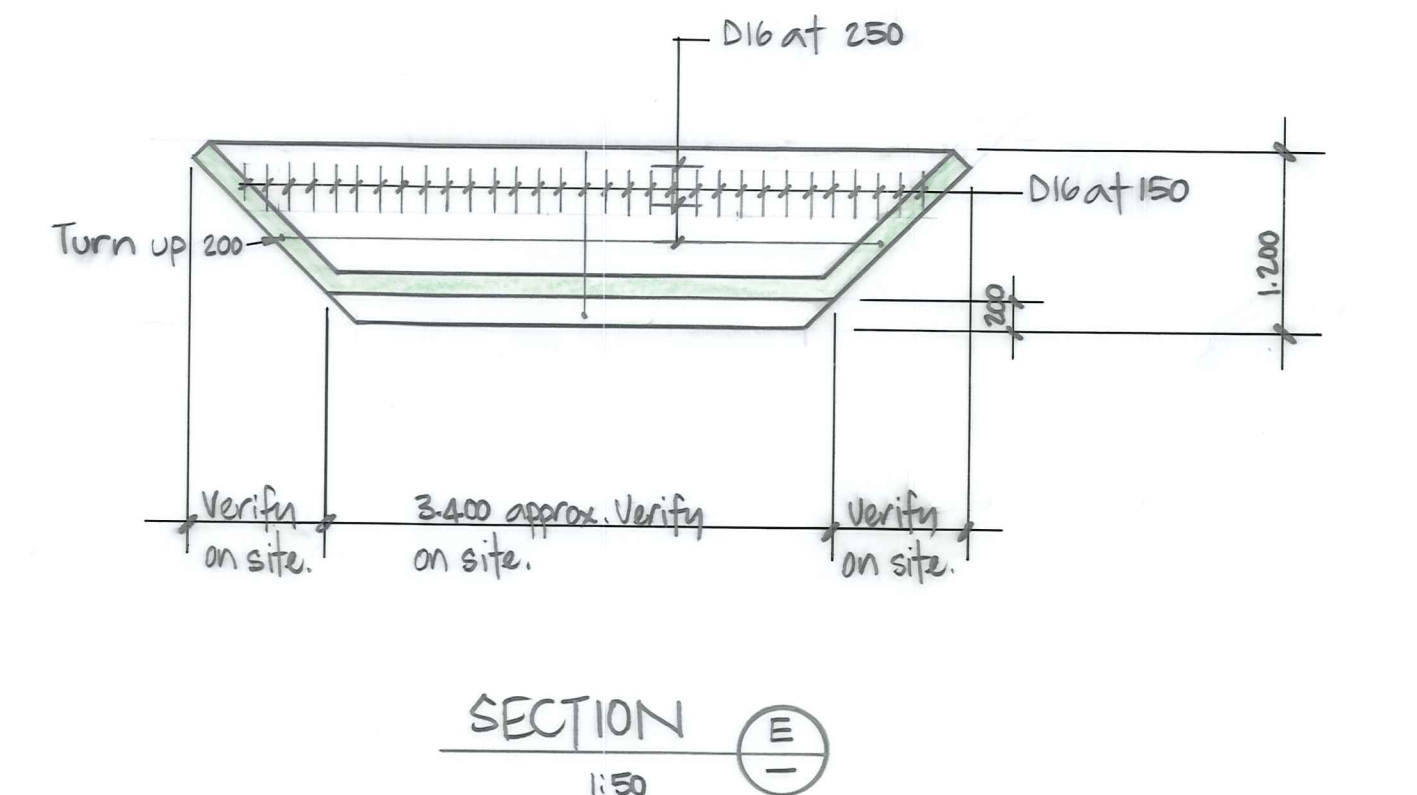
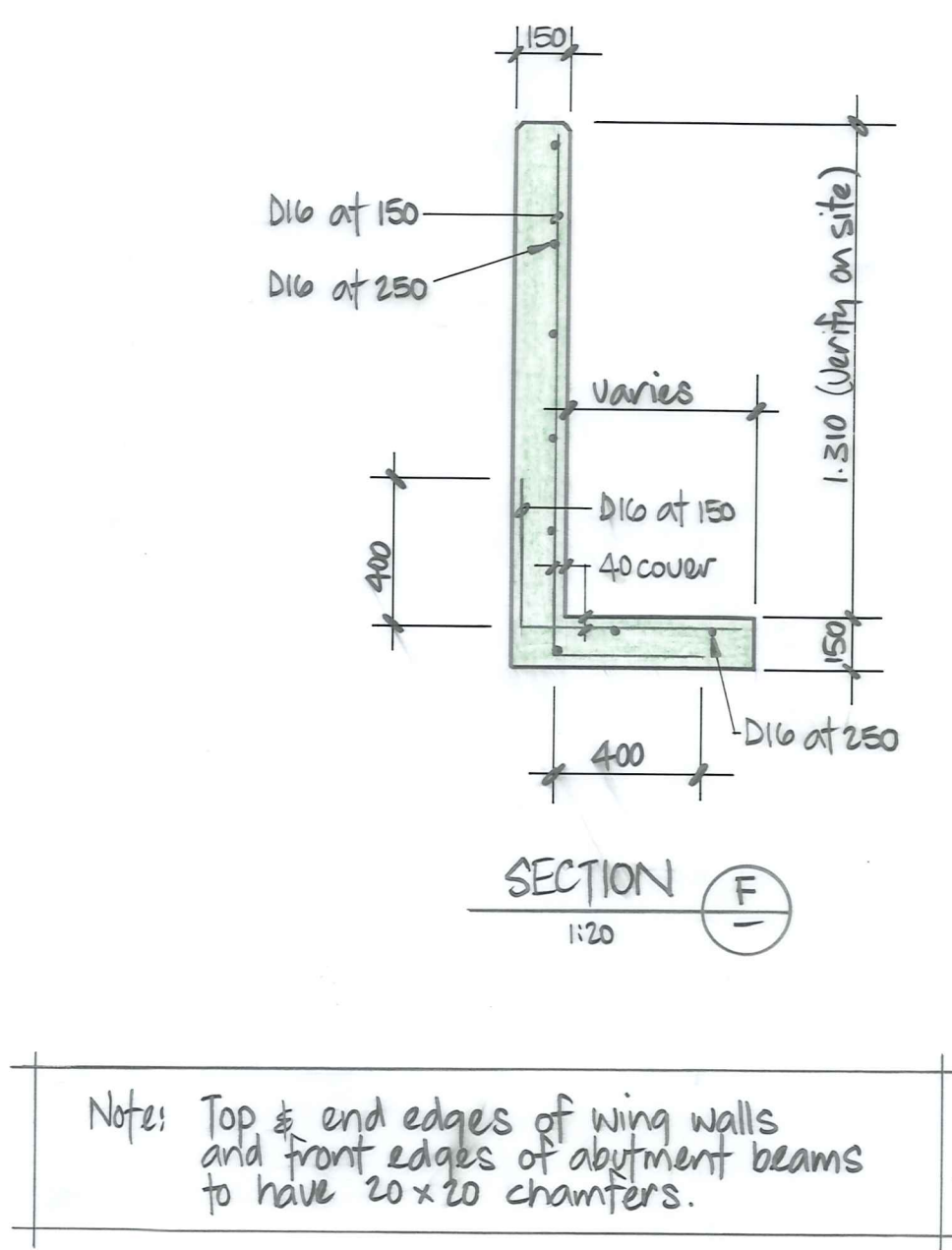
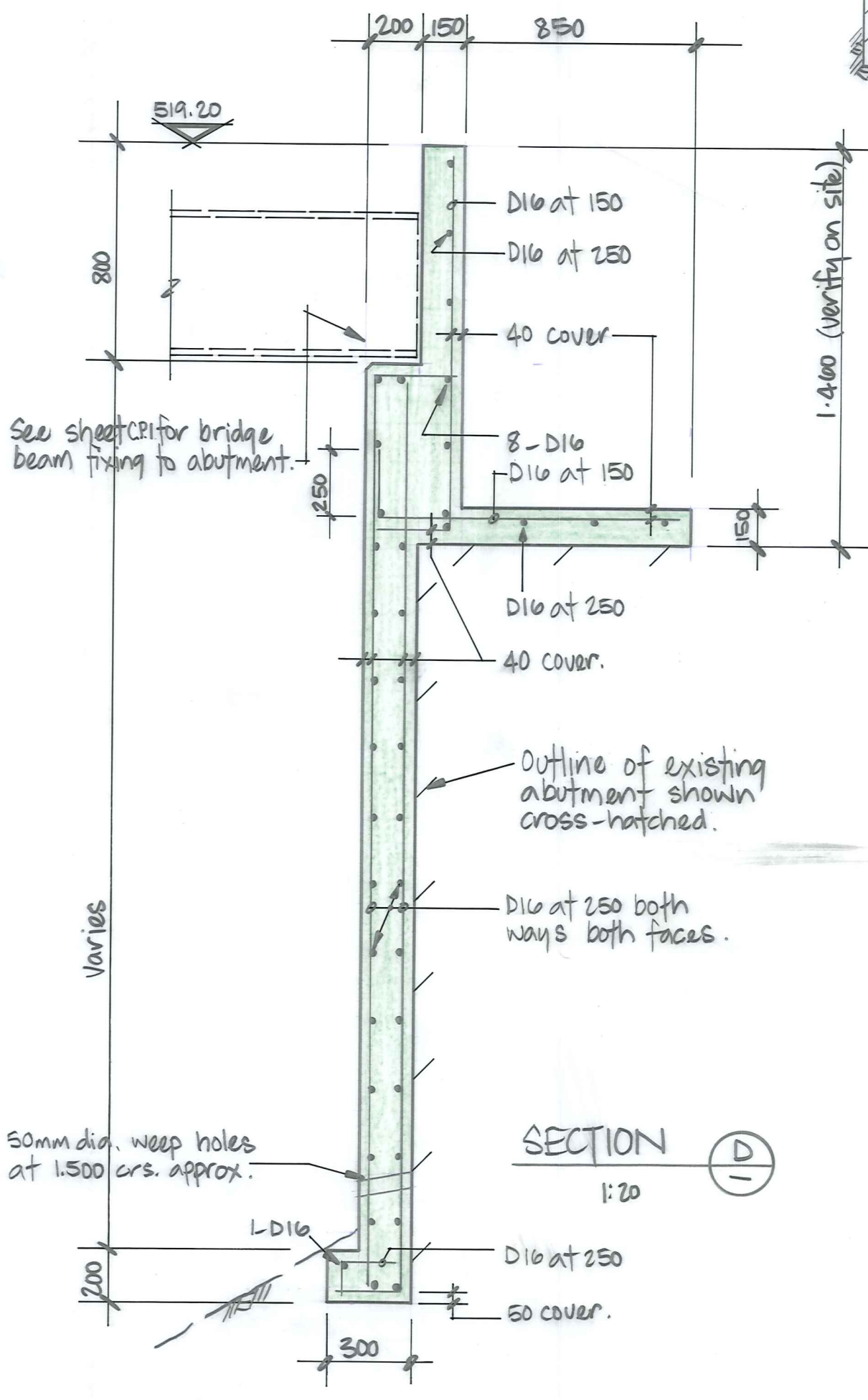
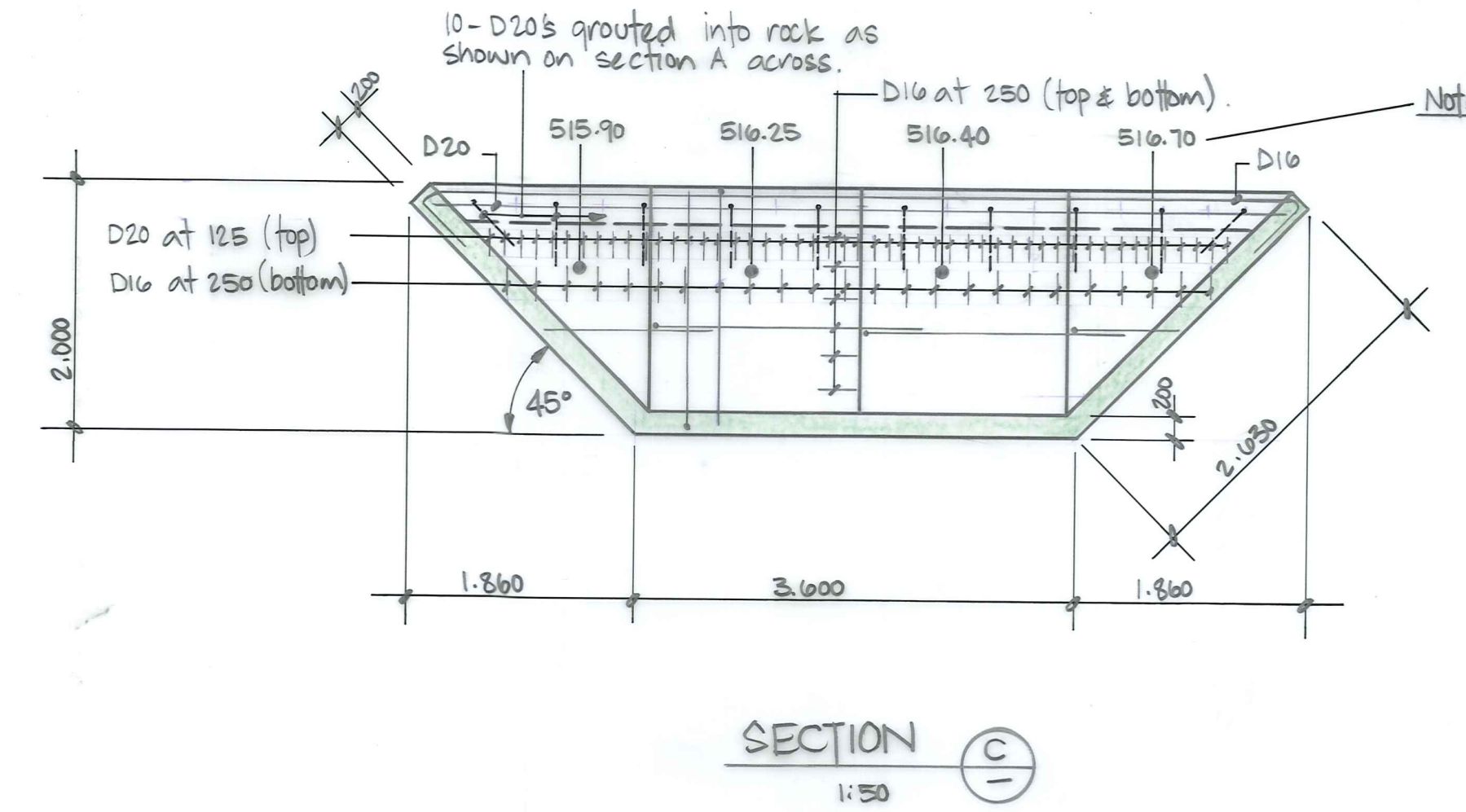
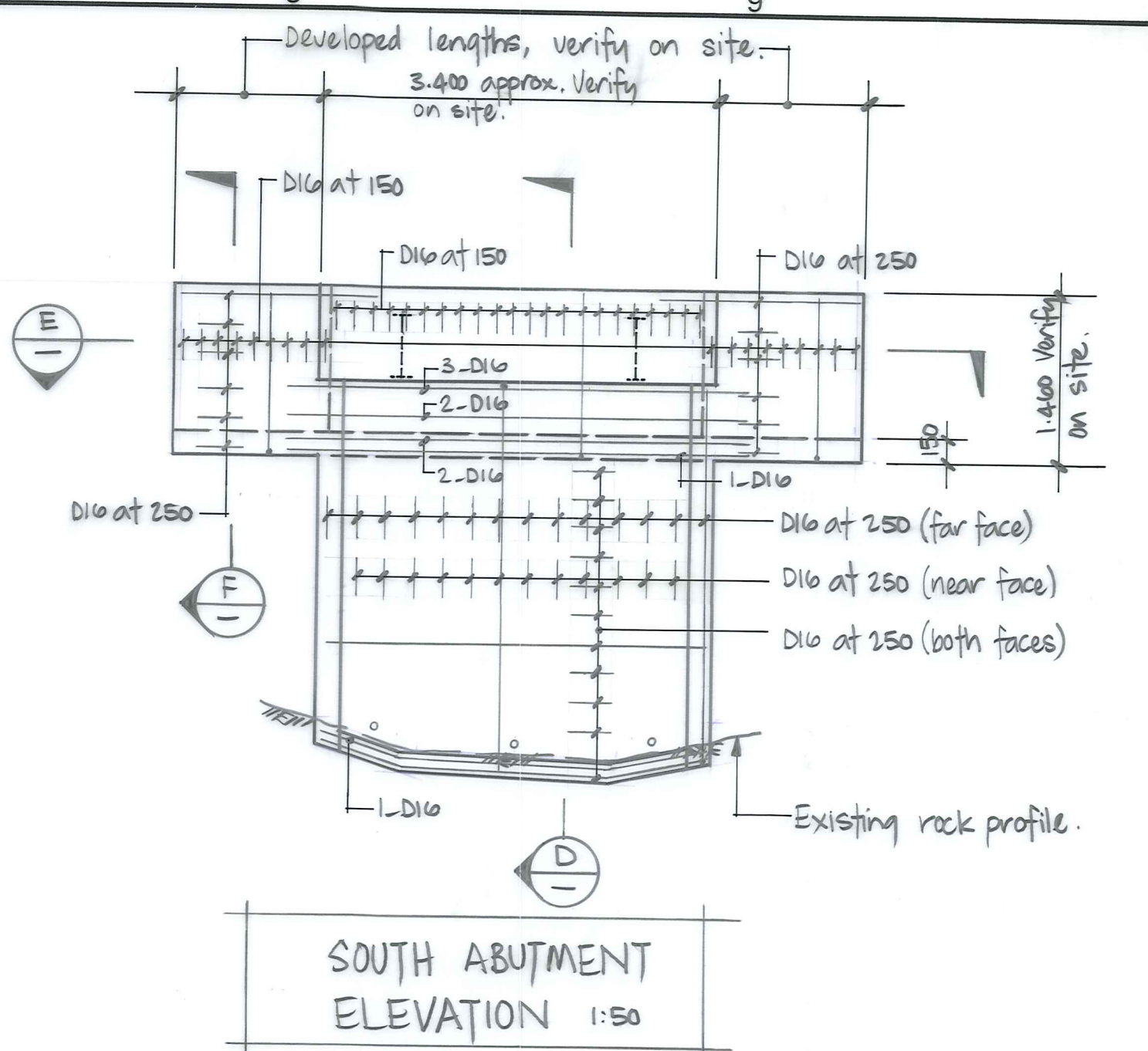
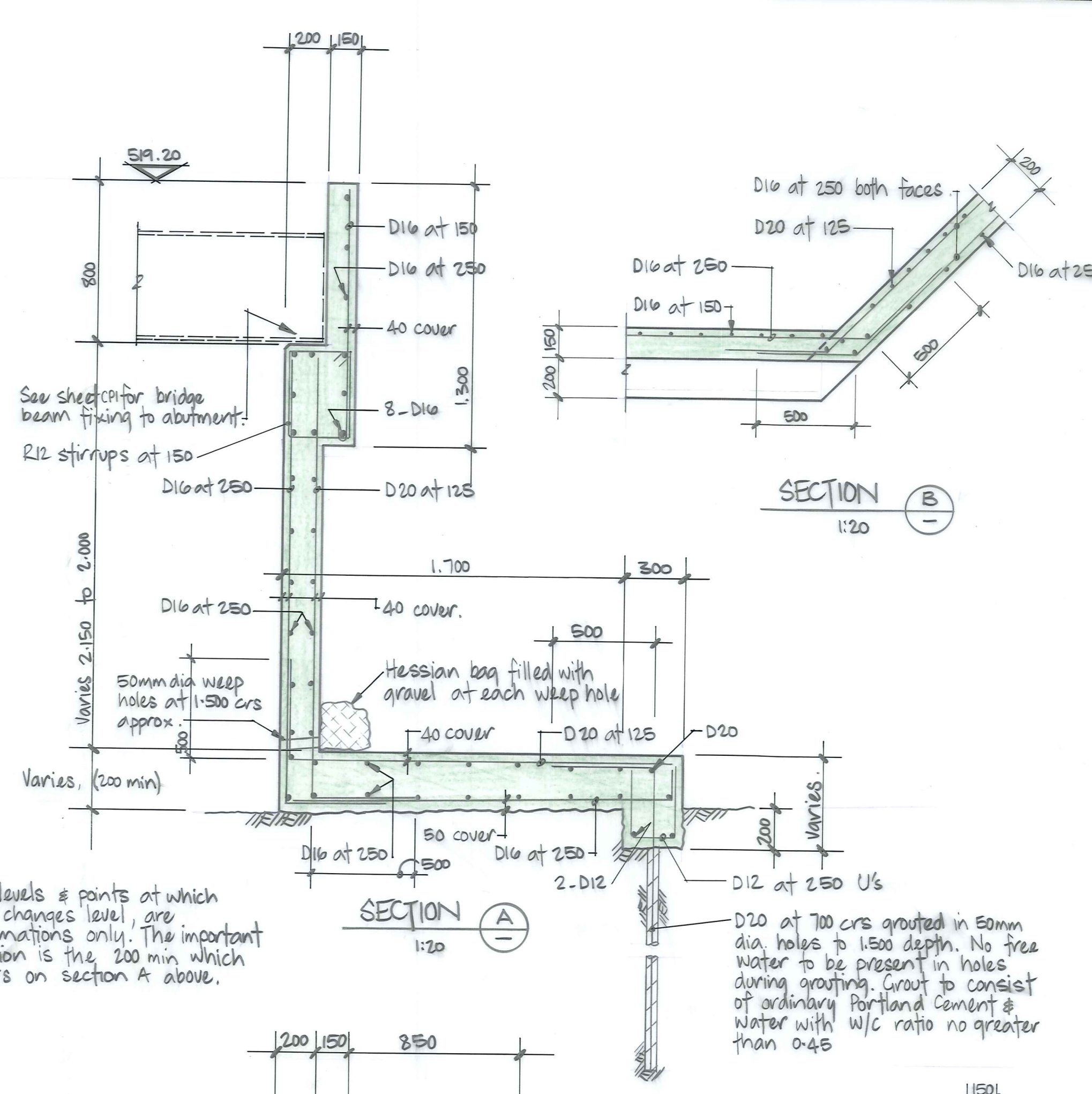
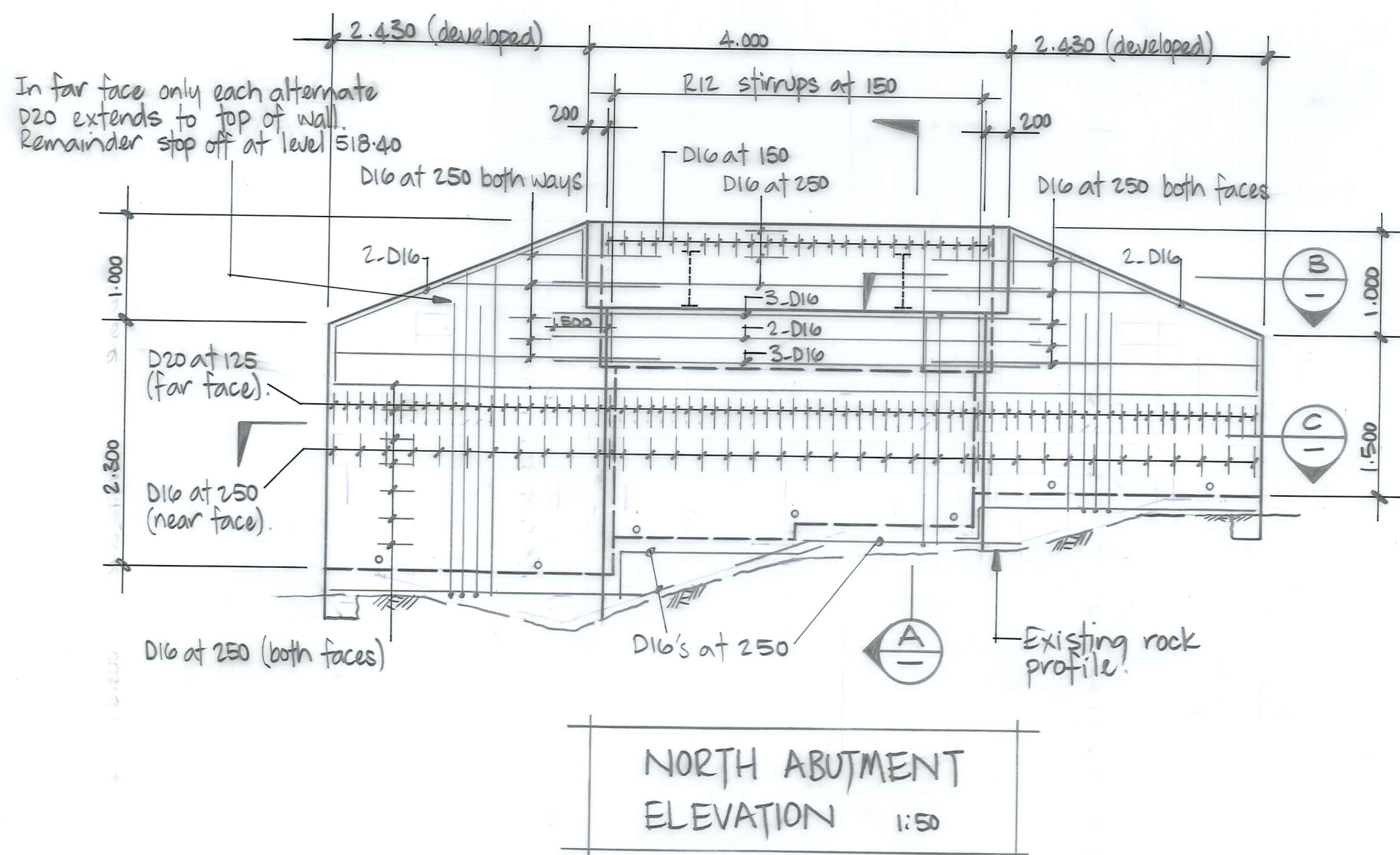


ORIGINAL SIZE INCHES
 0 1 2 3 4 5 6 7 8 9 10 11 12
 0 100 200 300

Order Filemaster "D"
 SELF-ADHESIVE PLAN HANGER
 Number 127841

DUFFILL WATTS & KING LTD CONSULTING CIVIL & STRUCTURAL ENGINEERS Dunedin P.O. Box 5269 Ph. 777-133 Invercargill P.O. Box 576 Ph. 83-049 Cromwell P.O. Box 82 Ph. 50-991		MANIOTOTO COUNTY COUNCIL		SOWBURN BRIDGE REPLACEMENT - PATEAROA General Arrangement.		AMENDMENTS NO. BY DATE Appvd.		NAME DATE E.P. Wilson JULY 1988 W.J. Beckwith E.P. Wilson		JOB NO. 9960		Sheet No CP1 of 2 sheets F.B.	
								File 6/10/26 L.B.					

ORIGINAL SIZE mm INCHES



Note: These levels & points at which footing changes level, are approximations only. The important dimension is the 200 min which appears on section A above.

Note: Top & end edges of wing walls and front edges of abutment beams to have 20 x 20 chamfers.

DUFFILL WATTS & KING LTD
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Dunedin PO. Box 5269 Ph. 777-133 Invercargill PO. Box 576 Ph. 83-049
Cromwell PO. Box 82 Ph. 50-391

MANIOTOTO COUNTY COUNCIL

SOWBURN BRIDGE REPLACEMENT - PATEAROA
Abutment Details.

AMENDMENTS			NAME	DATE	JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed	9960	CP2.
			Drawn	E.P. WILSON		
			Calculations	N.J. BEECHES		
			Traced	E.P. WILSON		
			Checked			
			Approved		File 6/10/26	L.B.