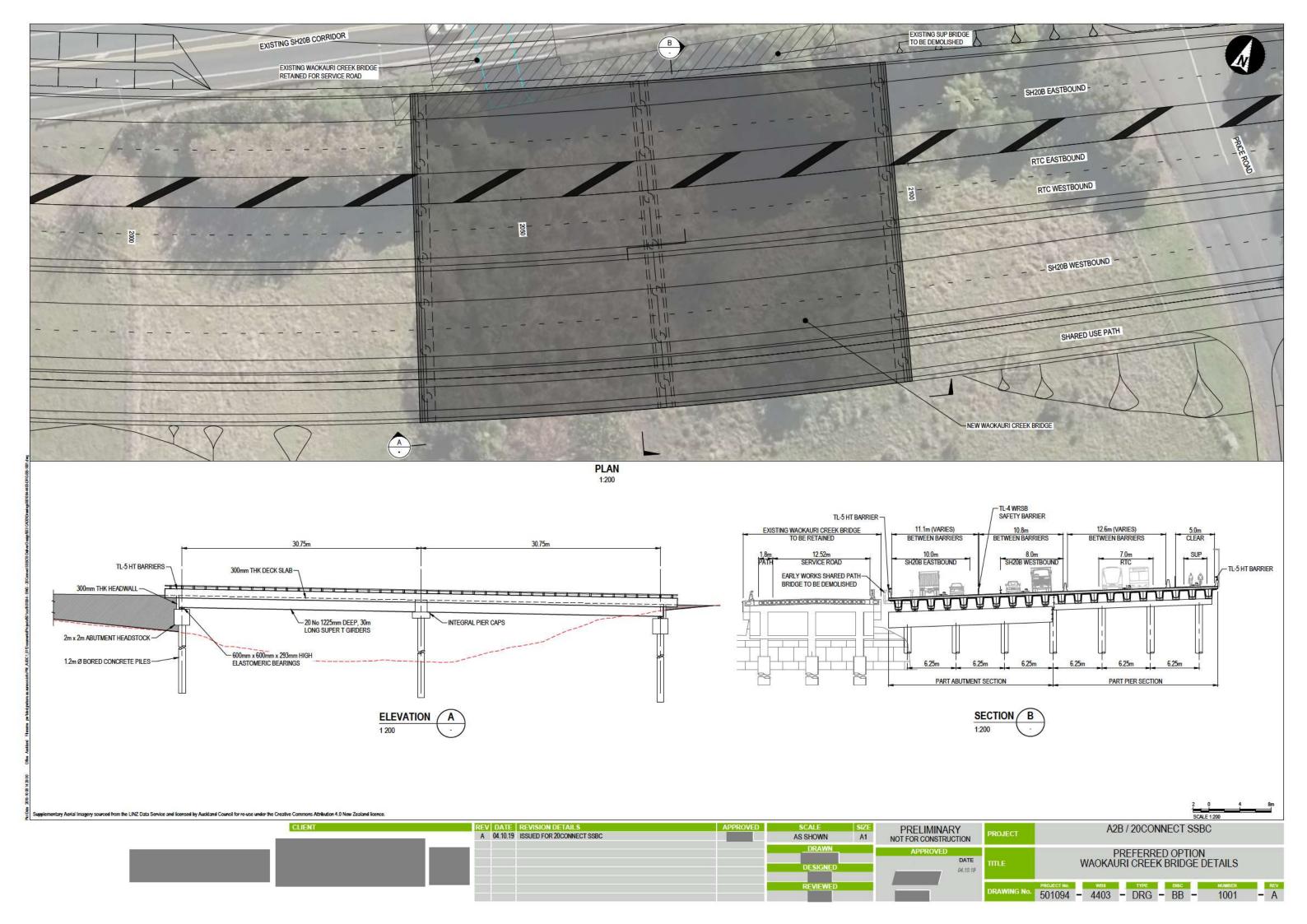
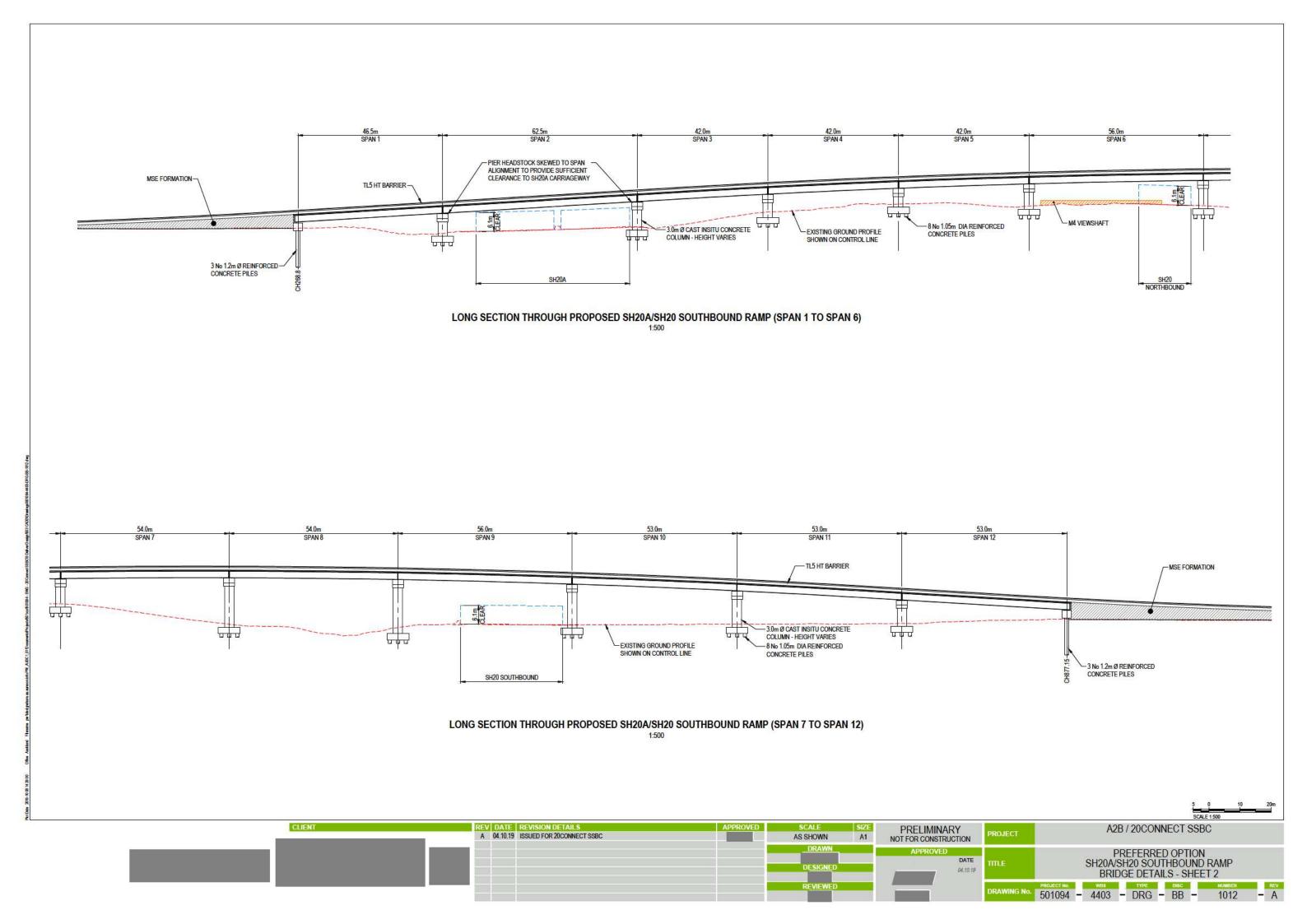
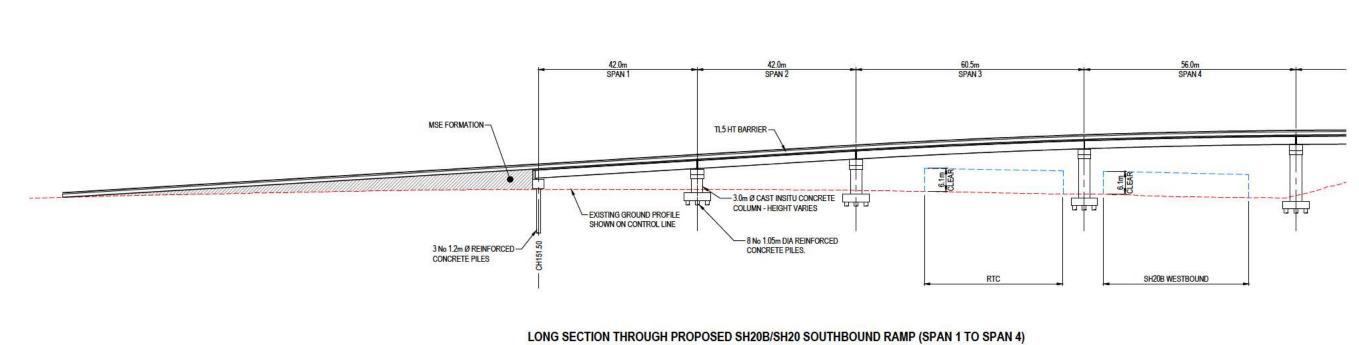


20Connect Design Drawings

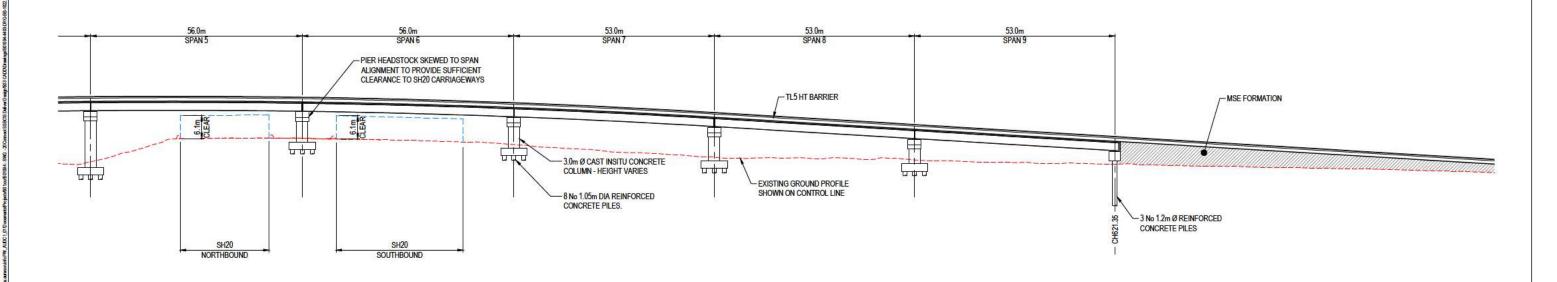
Bridge Detail Drawings







LONG SECTION THROUGH PROPOSED SH20B/SH20 SOUTHBOUND RAMP (SPAN 1 TO SPAN 4)



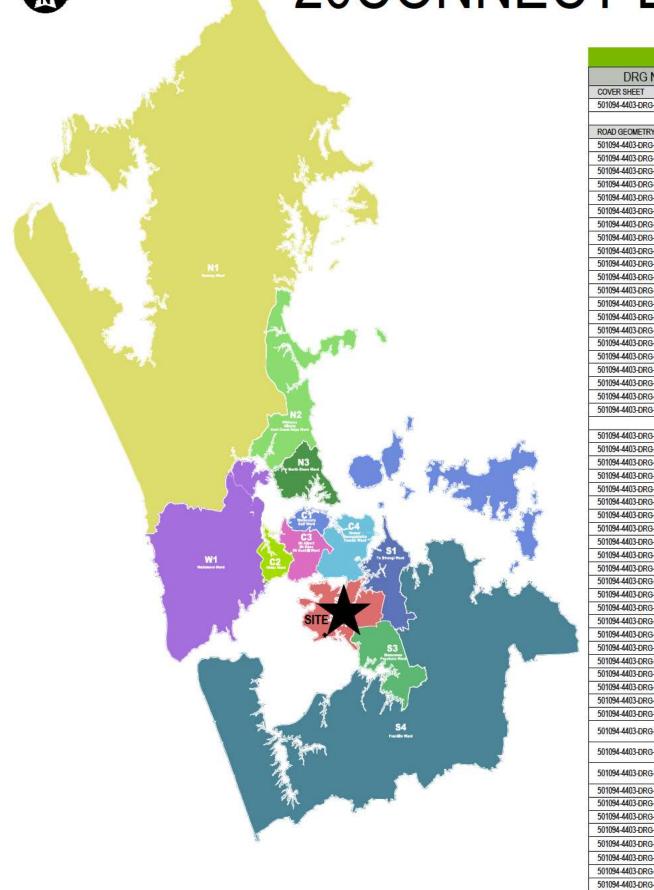
CLIENT

LONG SECTION THROUGH PROPOSED SH20B/SH20 SOUTHBOUND RAMP (SPAN 5 TO SPAN 9)

REV DATE REVISION DETAILS
A 04.10.19 ISSUED FOR 20CONNECT SSBC PRELIMINARY NOT FOR CONSTRUCTION A2B / 20CONNECT SSBC AS SHOWN PREFERRED OPTION SH20B/SH20 SOUTHBOUND RAMP BRIDGE DETAILS - SHEET 2 DATE 04,10.19 DRAWING No. 501094 - 4403 - DRG - BB - 1022 - A

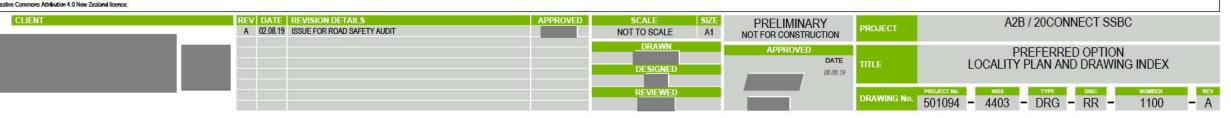
General Arrangement Plan Drawings

20CONNECT DETAIL BUSINESS CASE



DRG No.	DRAWING TITLE
COVER SHEET	
501094-4403-DRG-RR-1100	LOCALITY PLAN AND DRAWING INDEX
ROAD GEOMETRY	
501094-4403-DRG-RR-1101	GENERAL ARRANGEMENT PLAN - SHEET 1
501094-4403-DRG-RR-1102	GENERAL ARRANGEMENT PLAN - SHEET 2
501094-4403-DRG-RR-1103	GENERAL ARRANGEMENT PLAN - SHEET 3
501094-4403-DRG-RR-1104	GENERAL ARRANGEMENT PLAN - SHEET 4
501094-4403-DRG-RR-1105	GENERAL ARRANGEMENT PLAN - SHEET 5
501094-4403-DRG-RR-1106	GENERAL ARRANGEMENT PLAN - SHEET 6
501094-4403-DRG-RR-1107	GENERAL ARRANGEMENT PLAN - SHEET 7
501094-4403-DRG-RR-1108	GENERAL ARRANGEMENT PLAN - SHEET 8
501094-4403-DRG-RR-1109	GENERAL ARRANGEMENT PLAN - SHEET 9
501094-4403-DRG-RR-1110	GENERAL ARRANGEMENT PLAN - SHEET 10
501094-4403-DRG-RR-1111	GENERAL ARRANGEMENT PLAN - SHEET 11
501094-4403-DRG-RR-1112	GENERAL ARRANGEMENT PLAN - SHEET 12
501094-4403-DRG-RR-1113	GENERAL ARRANGEMENT PLAN - SHEET 13
501094-4403-DRG-RR-1114	GENERAL ARRANGEMENT PLAN - SHEET 14
501094-4403-DRG-RR-1115	GENERAL ARRANGEMENT PLAN - SHEET 15
501094-4403-DRG-RR-1116	GENERAL ARRANGEMENT PLAN - SHEET 16
501094-4403-DRG-RR-1117	GENERAL ARRANGEMENT PLAN - SHEET 17
501094-4403-DRG-RR-1118	GENERAL ARRANGEMENT PLAN - SHEET 18
501094-4403-DRG-RR-1119	GENERAL ARRANGEMENT PLAN - SHEET 19
501094-4403-DRG-RR-1120	GENERAL ARRANGEMENT PLAN - SHEET 20
501094-4403-DRG-RR-1121	GENERAL ARRANGEMENT PLAN - SHEET 21
501094-4403-DRG-RR-1201	PLAN AND LONG SECTION (MC1s) - SH20 MANGERE BRIDGE TO SH20A - SHEET 1
501094-4403-DRG-RR-1202	PLAN AND LONG SECTION (MC1S) - SH20 MANGERE BRIDGE TO SH20A - SHEET 2
501094-4403-DRG-RR-1203	PLAN AND LONG SECTION (MC1S) - SH20 MANGERE BRIDGE TO SH20A - SHEET 3
501094-4403-DRG-RR-1204	PLAN AND LONG SECTION (MC1S) - SH20 MANGERE BRIDGE TO SH20A - SHEET 4
501094-4403-DRG-RR-1205	PLAN AND LONG SECTION (MC1S) - SH20 MANGERE BRIDGE TO SH20A - SHEET 5
501094-4403-DRG-RR-1206	PLAN AND LONG SECTION (MC1s) - SH20 MANGERE BRIDGE TO SH20A - SHEET 6
501094-4403-DRG-RR-1207	PLAN AND LONG SECTION (MC1s) - SH20 MANGERE BRIDGE TO SH20A - SHEET 7
501094-4403-DRG-RR-1211	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 1
501094-4403-DRG-RR-1212	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 2
501094-4403-DRG-RR-1213	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 3
501094-4403-DRG-RR-1214	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 4
501094-4403-DRG-RR-1215	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 5
501094-4403-DRG-RR-1216	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 6
501094-4403-DRG-RR-1217	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 7
501094-4403-DRG-RR-1218	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 8
501094-4403-DRG-RR-1219	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 9 PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 10
501094-4403-DRG-RR-1220	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 10 PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 11
501094-4403-DRG-RR-1221 501094-4403-DRG-RR-1222	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 11 PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 12
501094-4403-DRG-RR-1222 501094-4403-DRG-RR-1223	PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 12 PLAN AND LONG SECTION (MC2S) - SH20 FROM SH20A TO SH1 - SHEET 13
501094-4403-DRG-RR-1223	PLAN AND LONG SECTION (MC23) - SH20A SOUTHBOUND RAMP - SHEET 1
501094-4403-DRG-RR-1231	PLAN AND LONG SECTION (MCV0) - SH20A SOUTHBOUND RAMP - SHEET 2
501094-4403-DRG-RR-1241	PLAN AND LONG SECTION (MC4N) - SH20 NORTHBOUND BETWEEN WALMSLEY RD AND
501094-4403-DRG-RR-1242	BADER DR - SHEET 1 PLAN AND LONG SECTION (MC4N) - SH20 NORTHBOUND BETWEEN WALMSLEY RD AND
	BADER DR - SHEET 2 PLAN AND LONG SECTION (MC4N) - SH20 NORTHBOUND BETWEEN WALMSLEY RD AND
501094-4403-DRG-RR-1243 501094-4403-DRG-RR-1245	BADER DR - SHEET 3 PLAN AND LONG SECTION (MC6W) - SH20B - SHEET 1
501094-4403-DRG-RR-1245 501094-4403-DRG-RR-1246	PLAN AND LONG SECTION (MCGW) - SH20B - SHEET 1 PLAN AND LONG SECTION (MCGW) - SH20B - SHEET 2
501094-4403-DRG-RR-1247	PLAN AND LONG SECTION (MC6W) - SH20B - SHEET 3
501094-4403-DRG-RR-1247	PLAN AND LONG SECTION (MCGW) - SH20B - SHEET 4
501094-4403-DRG-RR-1251	PLAN AND LONG SECTION (MC7B) - RAPID TRANSIT CORRIDOR ON SH20B - SHEET 1
501094-4403-DRG-RR-1252	PLAN AND LONG SECTION (MC7B) - RAPID TRANSIT CORRIDOR ON SH20B - SHEET 2
501094-4403-DRG-RR-1252 501094-4403-DRG-RR-1253	PLAN AND LONG SECTION (MC7B) - RAPID TRANSIT CORRIDOR ON SH20B - SHEET 2 PLAN AND LONG SECTION (MC7B) - RAPID TRANSIT CORRIDOR ON SH20B - SHEET 3
00 1007 TWO DITOTIN' 1200	

	DRAWING INDEX
DRG No.	DRAWING TITLE
501094-4403-DRG-RR-1261	PLAN AND LONG SECTION (MCM0) - SH20B SOUTHBOUND RAMP - SHEET 1
501094-4403-DRG-RR-1262	PLAN AND LONG SECTION (MCM0) - SH20B SOUTHBOUND RAMP - SHEET 2
501094-4403-DRG-RR-1265	PLAN AND LONG SECTION (MCA0) - SH20 RIMU ROAD NORTHBOUND ON-RAMP
501094-4403-DRG-RR-1266	PLAN AND LONG SECTION (MCB0) - SH20 WALMSLEY ROAD SOUTHBOUND OFF-RAMP
501094-4403-DRG-RR-1267	PLAN AND LONG SECTION (MCC0) - SH20 WALMSLEY ROAD SOUTHBOUND ON-RAMP
501094-4403-DRG-RR-1268	PLAN AND LONG SECTION (MCD0) - SH20 CORONATION ROAD NORTHBOUND ON-RAMP
501094-4403-DRG-RR-1269	PLAN AND LONG SECTION (MCE0) - SH20 CORONATION ROAD NORTHBOUND OFF-RAMP
501094-4403-DRG-RR-1270	PLAN AND LONG SECTION (MCF0) - SH20 NORTHBOUND TO SH20A WESTBOUND RAMP
501094-4403-DRG-RR-1271	PLAN AND LONG SECTION (MCG0) - SH20 MASSEY ROAD SOUTHBOUND OFF-RAMP
501094-4403-DRG-RR-1272	PLAN AND LONG SECTION (MCH0) - SH20 MASSEY ROAD SOUTHBOUND ON-RAMP
501094-4403-DRG-RR-1273	PLAN AND LONG SECTION (MCI0) - SH20 MASSEY ROAD NORTHBOUND ON-RAMP
501094-4403-DRG-RR-1274	PLAN AND LONG SECTION (MCJ0) - SH20 MASSEY ROAD NORTHBOUND OFF-RAMP
501094-4403-DRG-RR-1275	PLAN AND LONG SECTION (MCK0) - SH20 PUHINUI ROAD SOUTHBOUND OFF-RAMP
501094-4403-DRG-RR-1276	PLAN AND LONG SECTION (MCL0) - SH20 PUHINUI ROAD NORTHBOUND ON-RAMP
501094-4403-DRG-RR-1279	PLAN AND LONG SECTION (MCN0) - SH20A KIRKBRIDE ROAD EASTBOUND ON-RAMP
501094-4403-DRG-RR-1280	PLAN AND LONG SECTION (MCO0) - SH20 CAVENDISH DRIVE SOUTHBOUND ON-RAMP
501094-4403-DRG-RR-1281	PLAN AND LONG SECTION (MCP0) - SH20 LAMBIE DRIVE NORTHBOUND ON-RAMP
501094-4403-DRG-RR-1282	PLAN AND LONG SECTION (MC90) - SH20 PUHINUI ROAD SOUTHBOUND BRAIDED RAMP
501094-4403-DRG-RR-1301	TYPICAL CROSS SECTIONS - SHEET 1
501094-4403-DRG-RR-1302	TYPICAL CROSS SECTIONS - SHEET 2
501094-4403-DRG-RR-1303	TYPICAL CROSS SECTIONS - SHEET 3
501094-4403-DRG-RR-1304	TYPICAL CROSS SECTIONS - SHEET 4
501094-4403-DRG-RR-1305	TYPICAL CROSS SECTIONS - SHEET 5
501094-4403-DRG-RR-1306	TYPICAL CROSS SECTIONS - SHEET 6
501094-4403-DRG-RR-1307	TYPICAL CROSS SECTIONS - SHEET 7
501094-4403-DRG-RR-1308	TYPICAL CROSS SECTIONS - SHEET 8
501094-4403-DRG-RR-1309	TYPICAL CROSS SECTIONS - SHEET 9
501094-4403-DRG-RR-1310	TYPICAL CROSS SECTIONS - SHEET 10















Plan and Long Section Drawings





































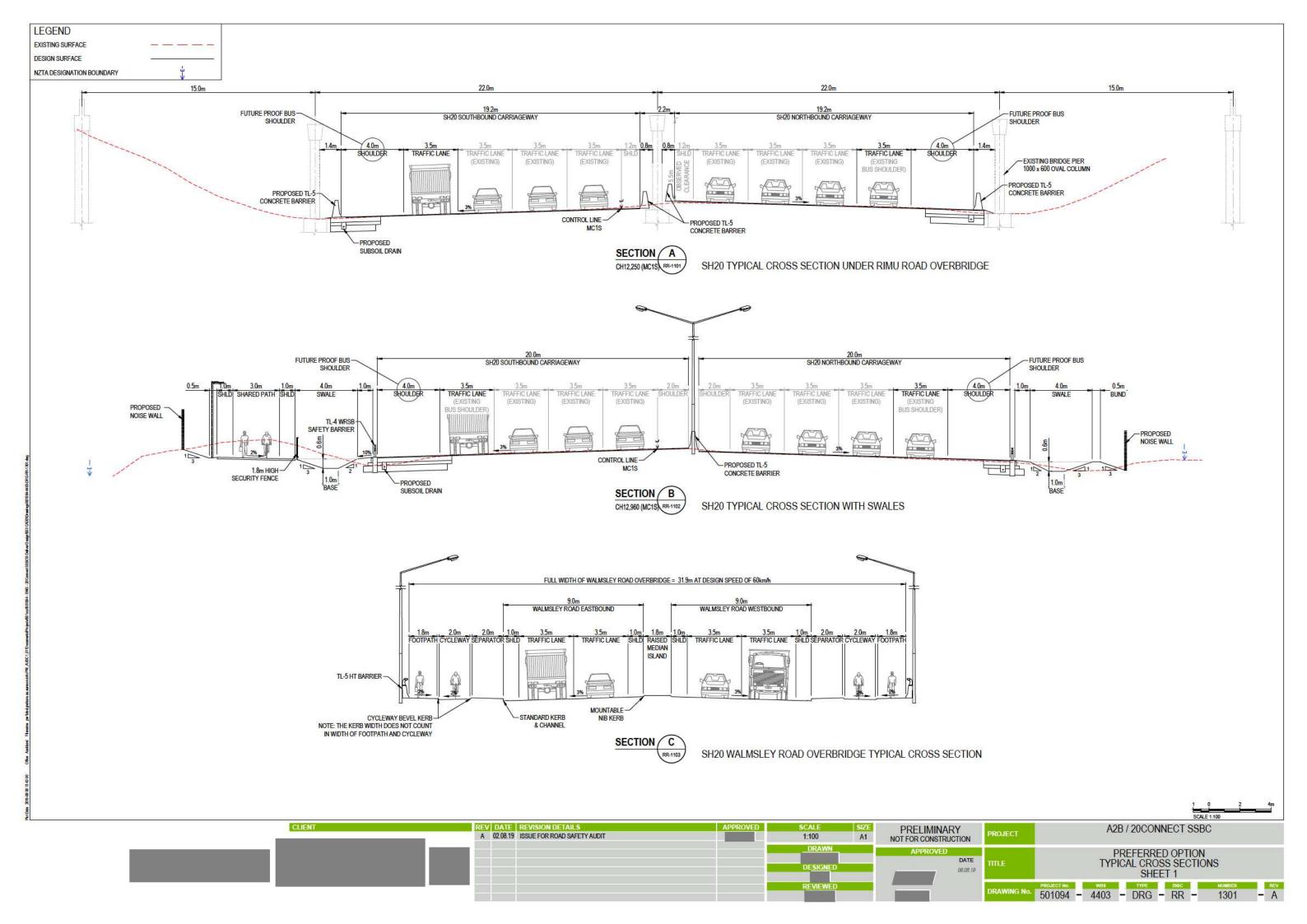


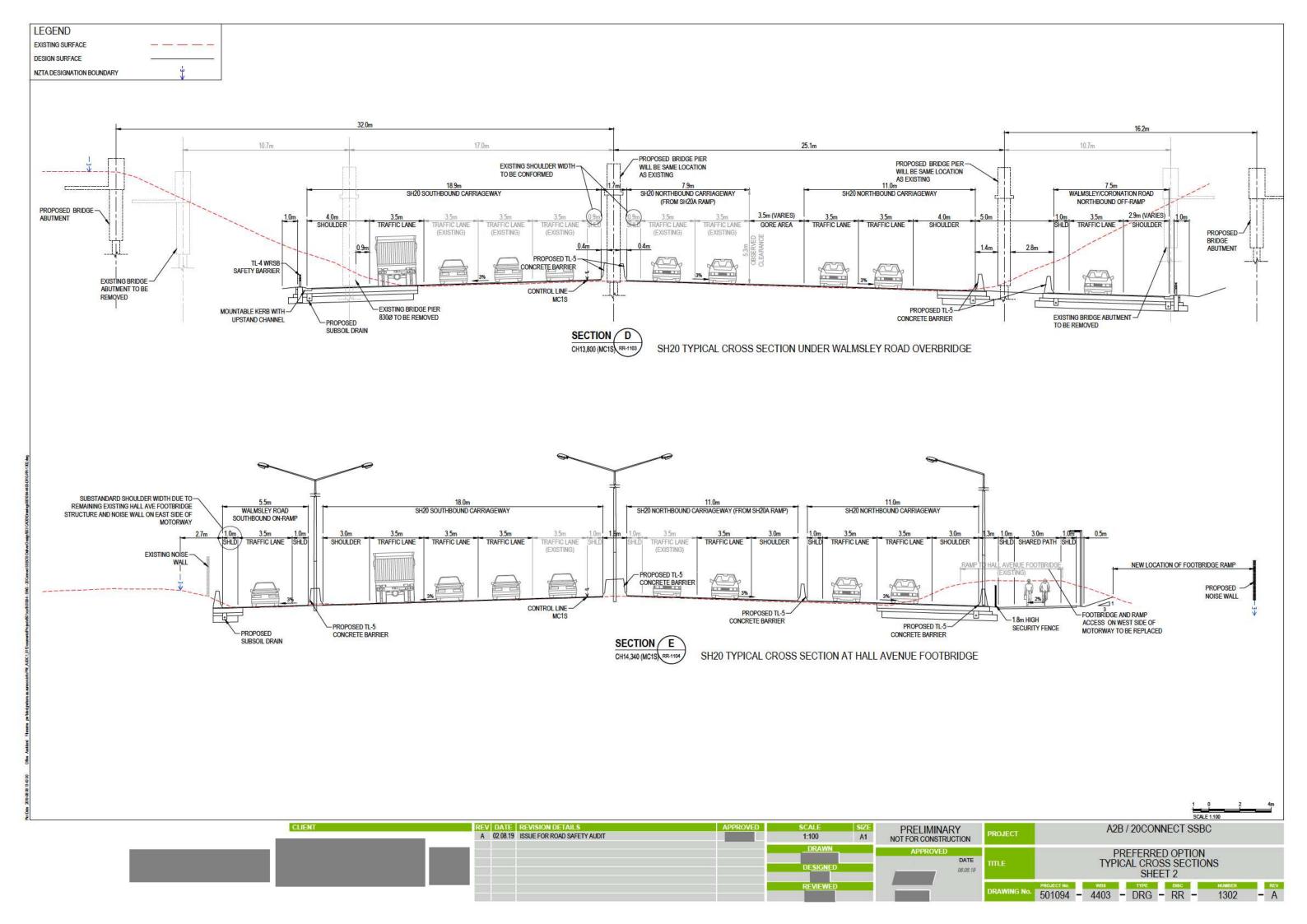


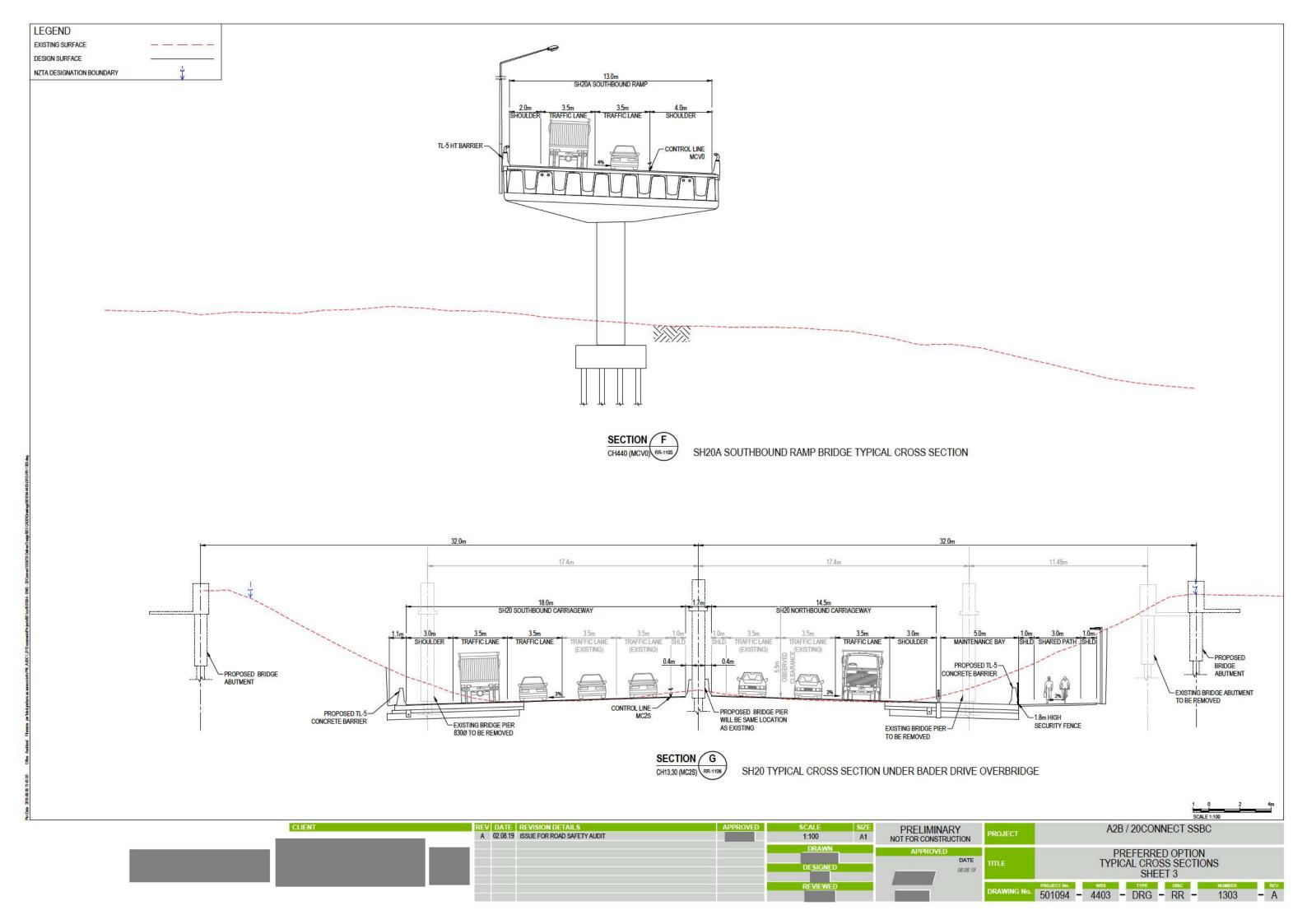


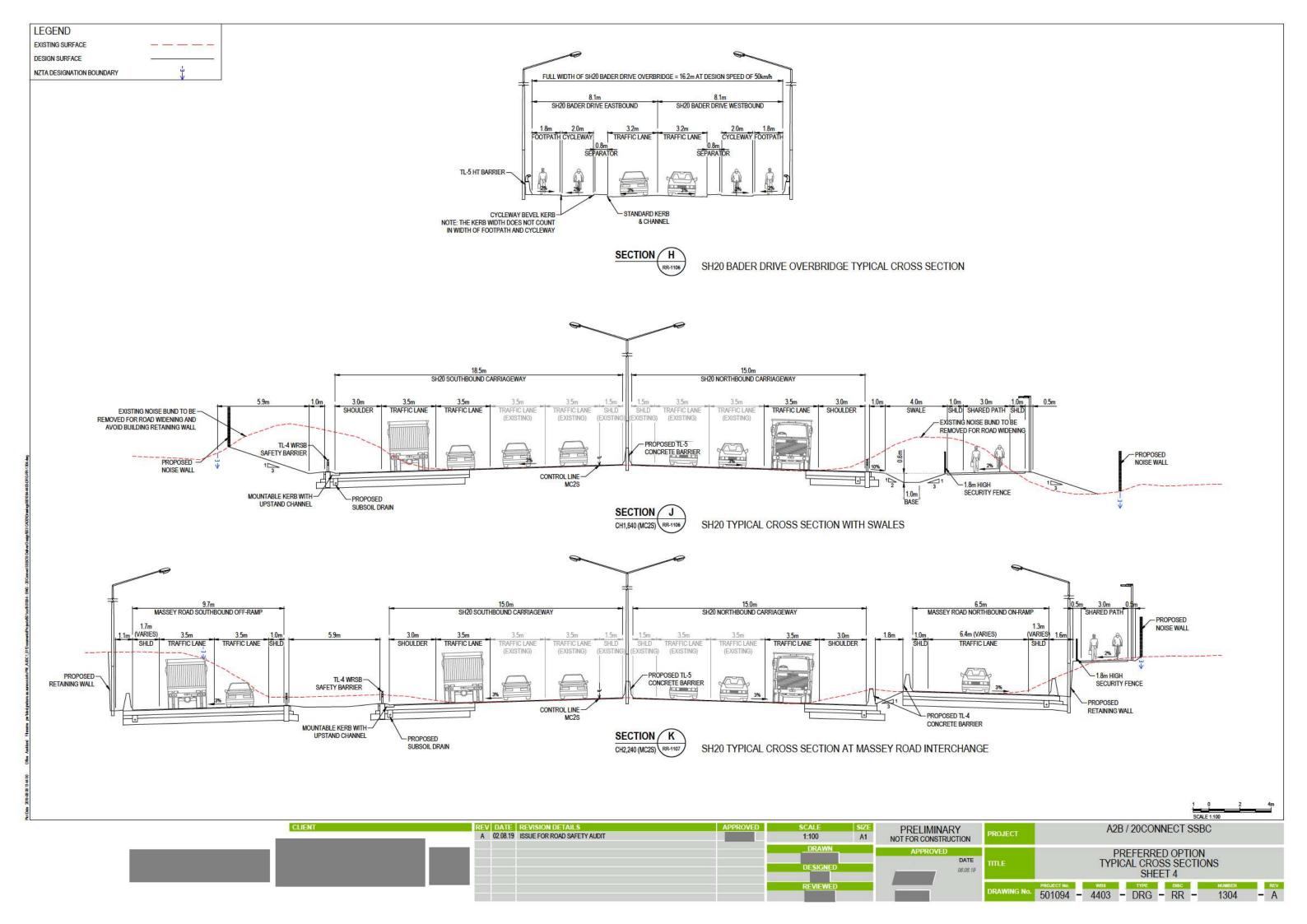


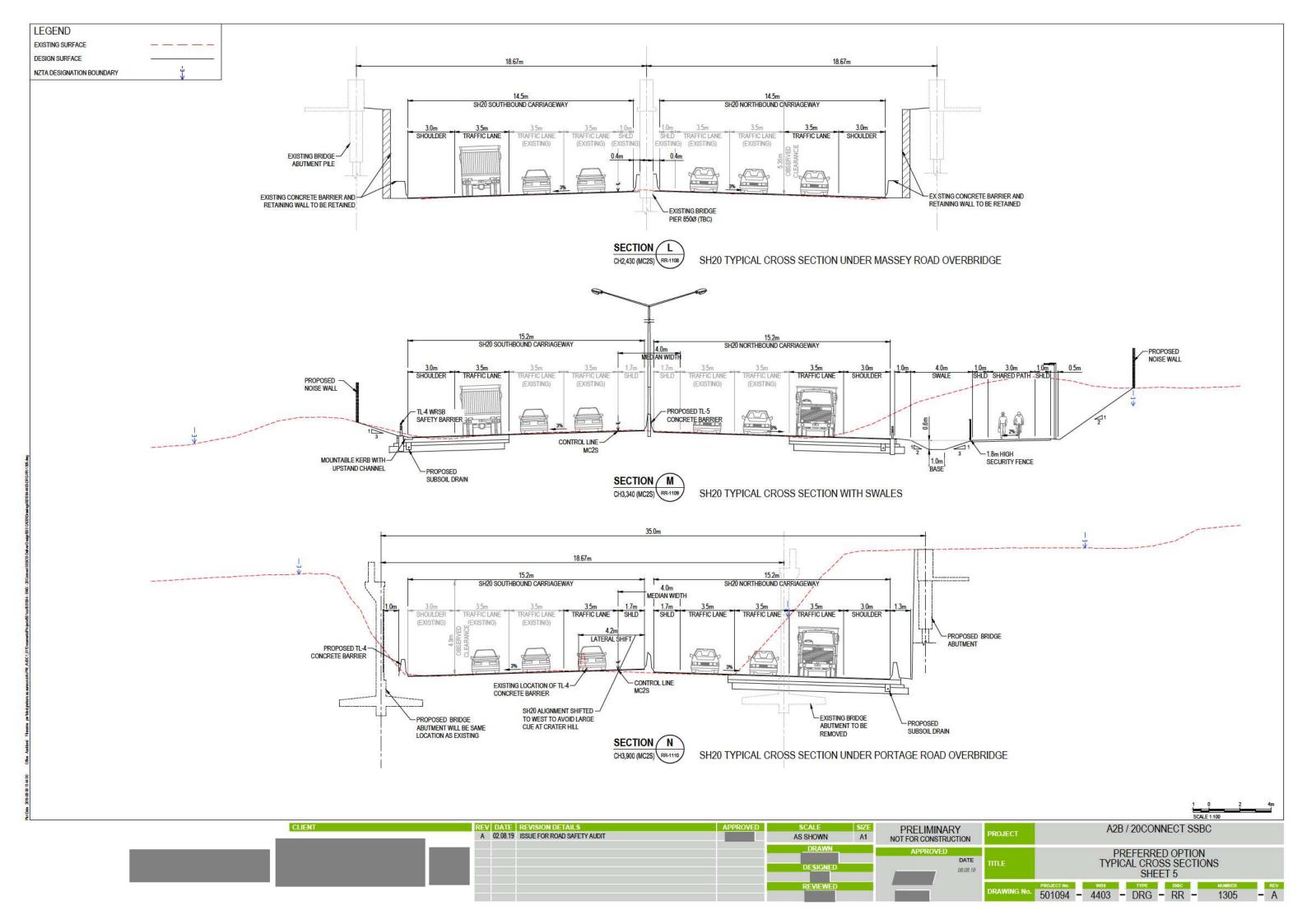
Typical Cross Section Drawings

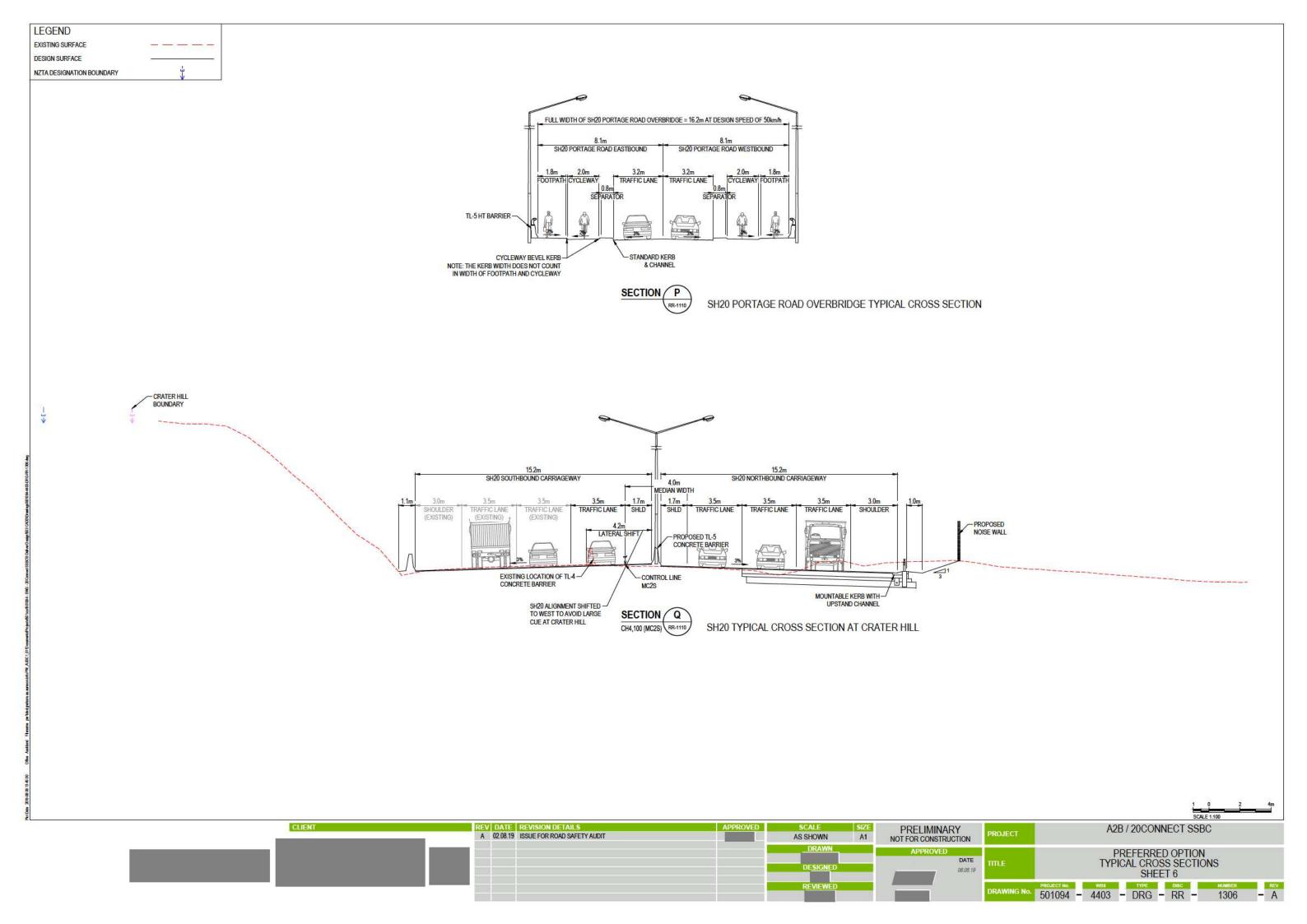


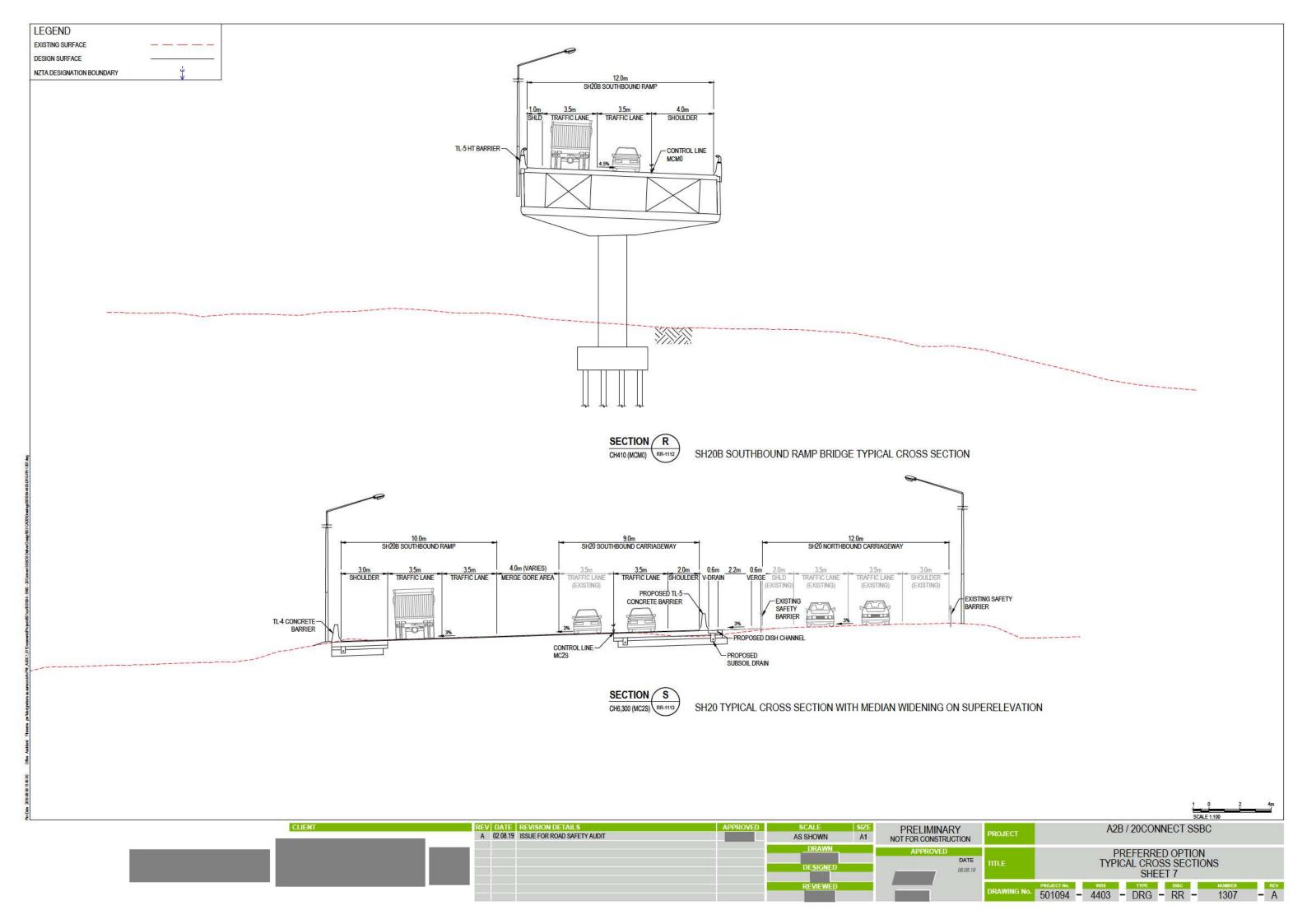


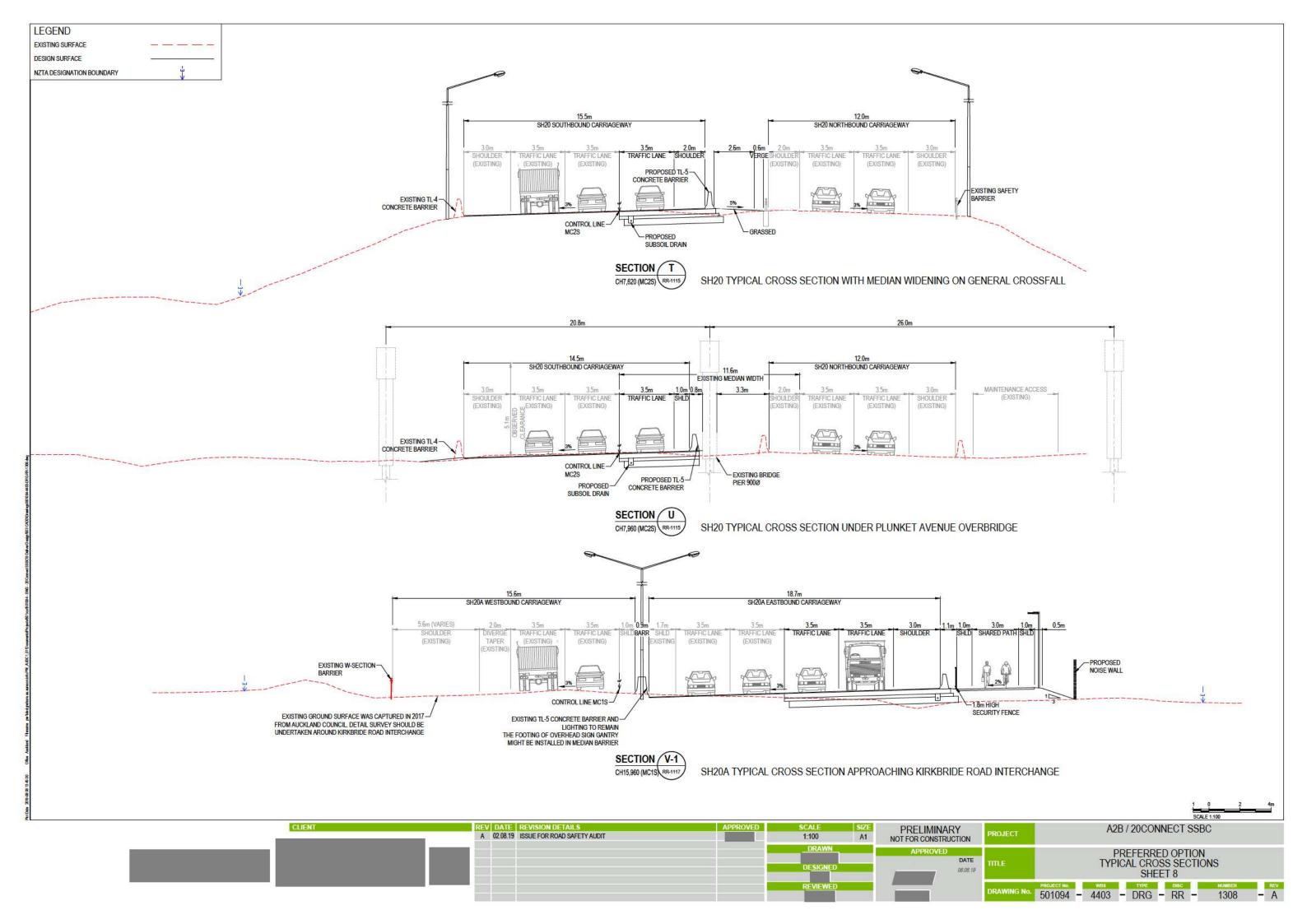


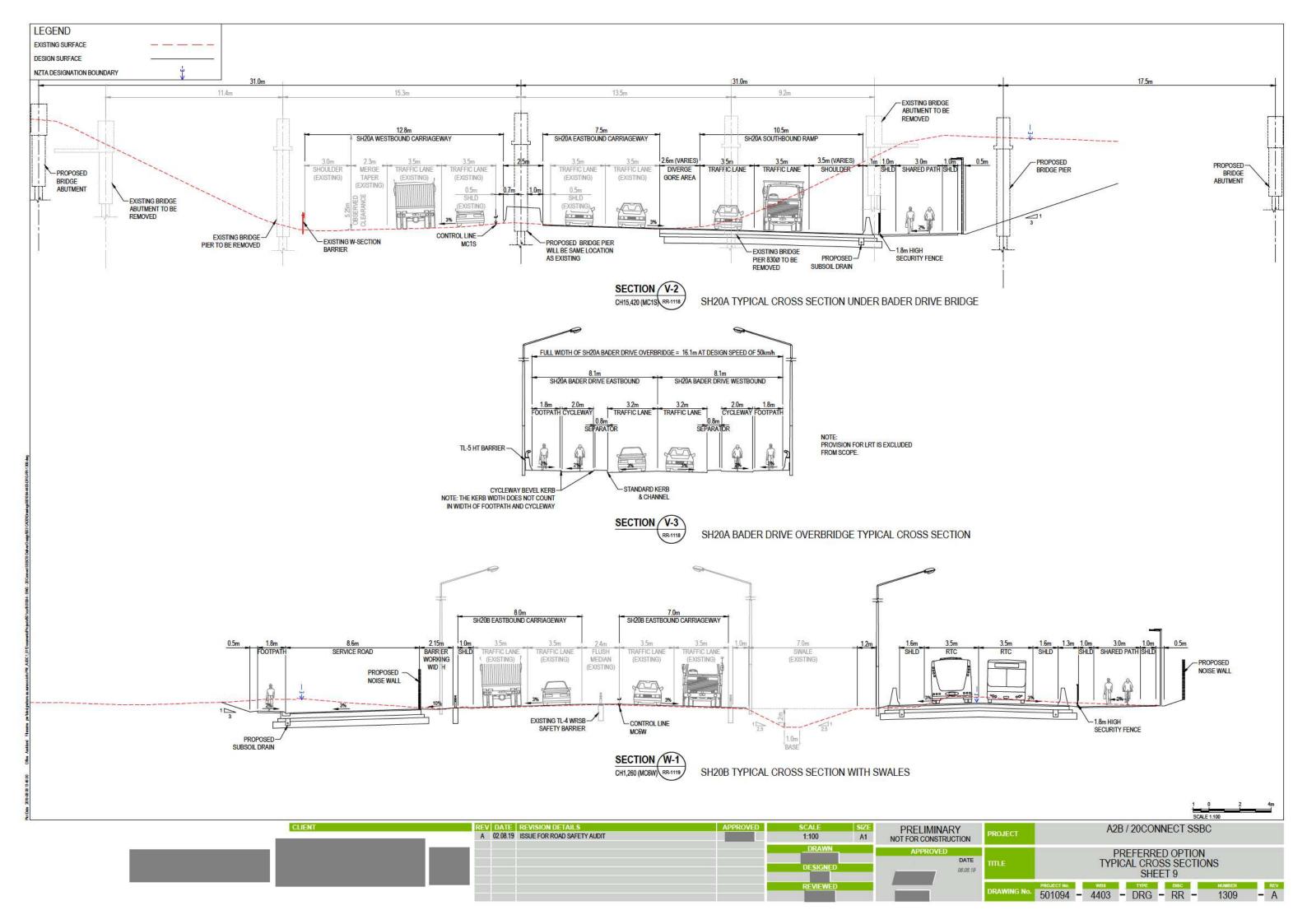


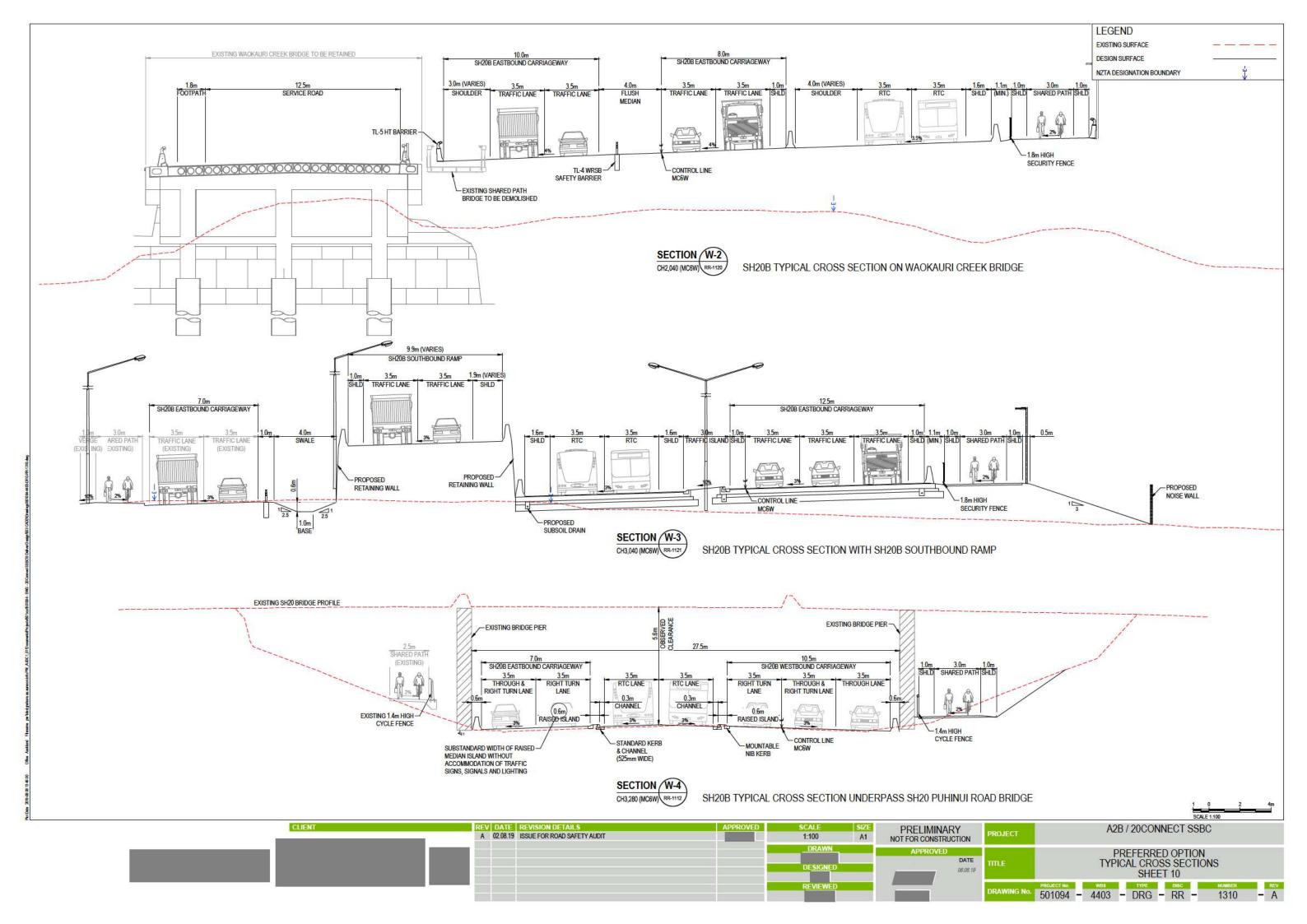












Stormwater Plan Drawings





