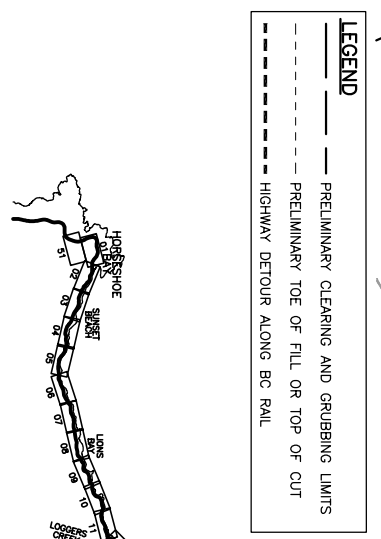


**NOTES:**  
 LAINING CONFIGURATION SHOWS (2 + 1) WITH ALTERNATING PASSING OPPORTUNITIES, AND MAY BE SUBJECT TO CHANGE DURING MORE ADVANCED DESIGN STAGE.  
 THE CLEARING AND GRUBBING LIMITS ARE GENERALLY SET AT 3-10m BEYOND THE TOE OF FILL OR TOP OF CUT LINE. THE LIMITS ARE ONLY AN APPROXIMATION.  
 WITH SOIL INVESTIGATIONS AND MORE ACCURATE GROUND SURVEY INFORMATION, THE CUT OR DECREASE DURING MORE ADVANCED DESIGN STAGES.  
 THE COORDINATES FOR THE SEA-TO-SKY HIGHWAY IN ZONE 'A' ARE BASED ON A LOCAL GROUND SYSTEM ON AN ELEVATION DATUM OF 70m. THE SYSTEM IS CALLED THE 'STS 2002 PROJECT GRID COORDINATE SYSTEM'.  
 TO CONVERT FROM UTM NAD 83 TO THE STS 2002 PROJECT GRID COORDINATE SYSTEM IN ZONE 'A', MULTIPLY THE UTM NAD 83 COORDINATE BY THE COMBINED SCALE FACTOR 1.000408116 THEN ADD 100,000m N AND 200,000m E.  
 ELEVATIONS ARE GEODETIC MEAN SEA LEVEL, BASED ON FEDERAL/ PROVINCIAL BENCHMARKS. THE ENGINEERING INFORMATION FOUND ON THE PRELIMINARY ALIGNMENT DRAWINGS SUPERSEDES THE ENGINEERING INFORMATION FOUND ON THE ENVIRONMENTAL MAPPING.



**PRELIMINARY FOR INFORMATION ONLY**  
 2003-06-20

**SINC LAYLAIN**  
 1800 - 1075 West George Street  
 Canada V6E 3C9

**ASSOCIATED ENGINEERING**

DESIGNED: K. TOUREKINS/R. WONG DATE: 02-10-10  
 DRAWN: X. SUGRAMA DATE: 02-10-15  
 CHECKED: G. LIBSVAL DATE: 02-11-08  
 APPROVED: A. WACHMANN DATE: 02-11-08

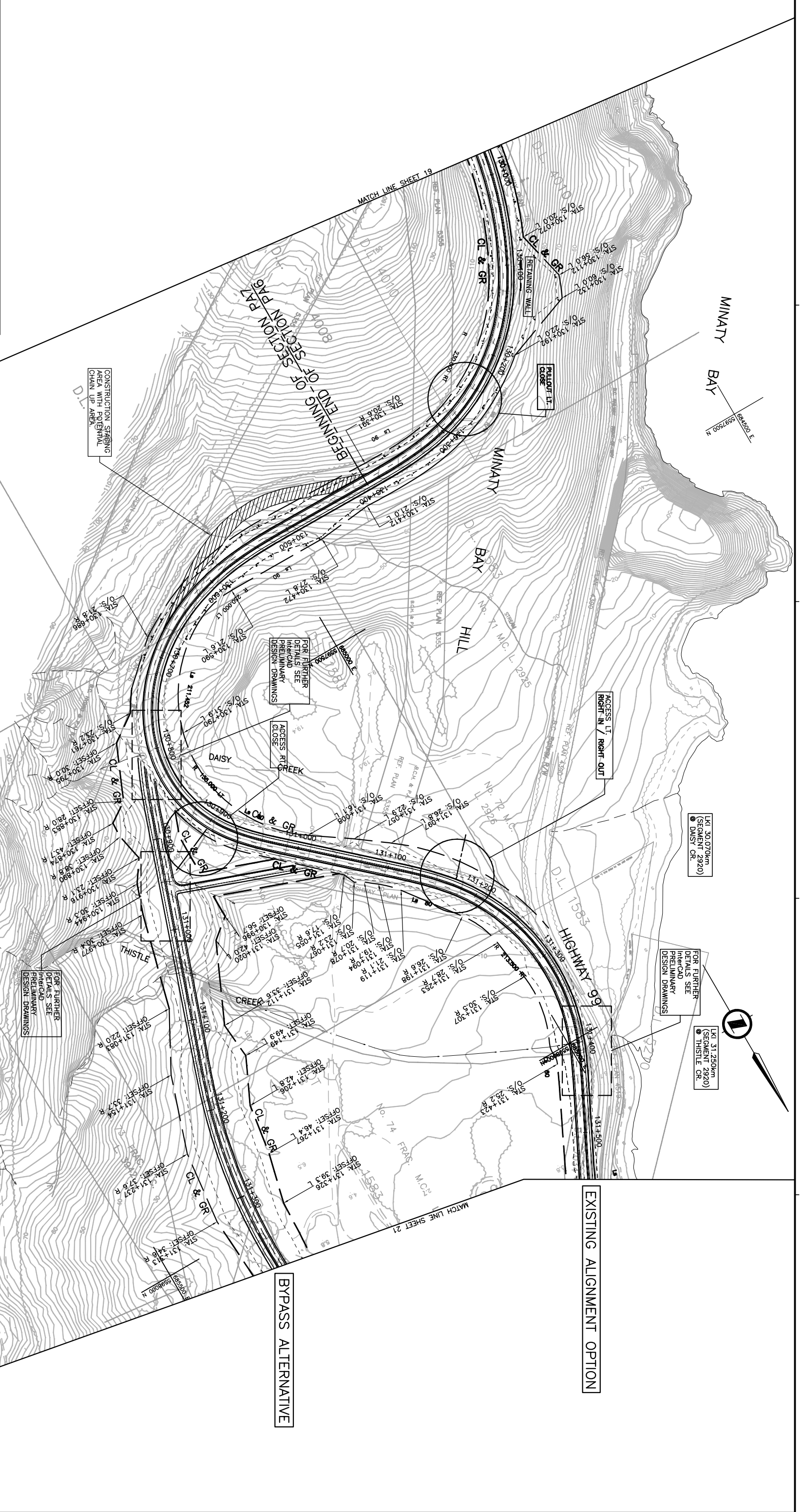
ISSUED FOR ENVIRONMENTAL PERMITTING  
 REISED BYPASS ALTERNATIVE  
 GENERAL REVISION

**MINISTRY OF TRANSPORTATION**  
 SEA-TO-SKY CORRIDOR IMPROVEMENTS  
 HORSESHOE BAY - WHISTLER

**PRELIMINARY ALIGNMENT**  
 PRELIMINARY CLEARING LIMITS

HIGHWAY 99 - HORSESHOE BAY TO SQUAMISH  
 STA.130+000 TO STA.131+600

SENIOR DESIGN ENGINEER  
 FILE No. 016315-EN01-S  
 PROJECT No. 09901-7005  
 RES. 1  
 DATE  
 DRAWING No. 41DK-PAHS-0420  
 PC



**BYPASS ALTERNATIVE**

**EXISTING ALIGNMENT OPTION**

LKI 30.070km  
 (SEGMENT 2920)  
 DAISY CR.

LKI 31.230km  
 (SEGMENT 2920)  
 THISTLE CR.

FOR FURTHER  
 DETAILS SEE  
 INTERCAD  
 PRELIMINARY  
 DESIGN DRAWINGS

FOR FURTHER  
 DETAILS SEE  
 INTERCAD  
 PRELIMINARY  
 DESIGN DRAWINGS

FOR FURTHER  
 DETAILS SEE  
 INTERCAD  
 PRELIMINARY  
 DESIGN DRAWINGS

CONSTRUCTION STAGING  
 AREA WITH PERMITTAL  
 CHAIN UP AREA