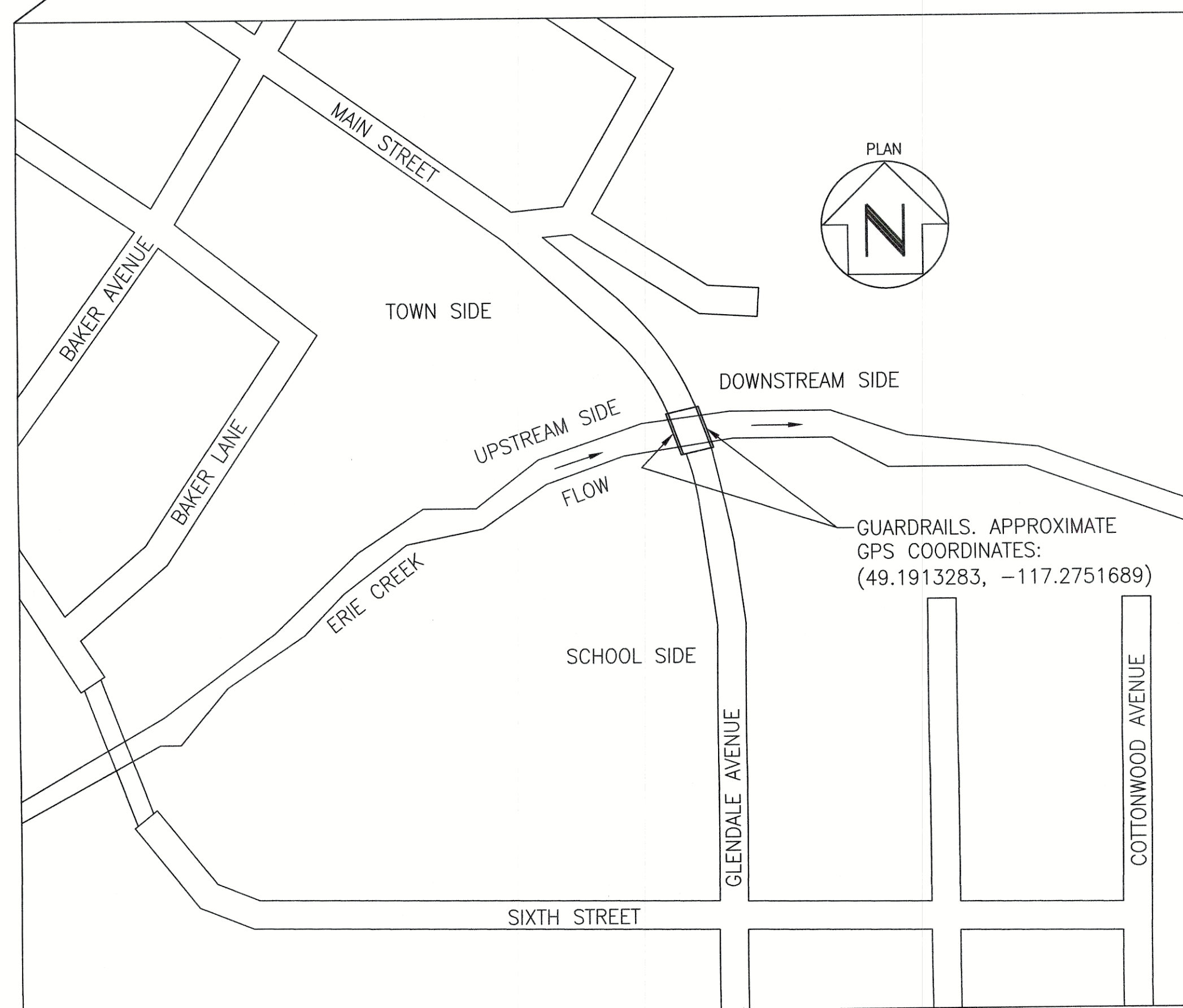
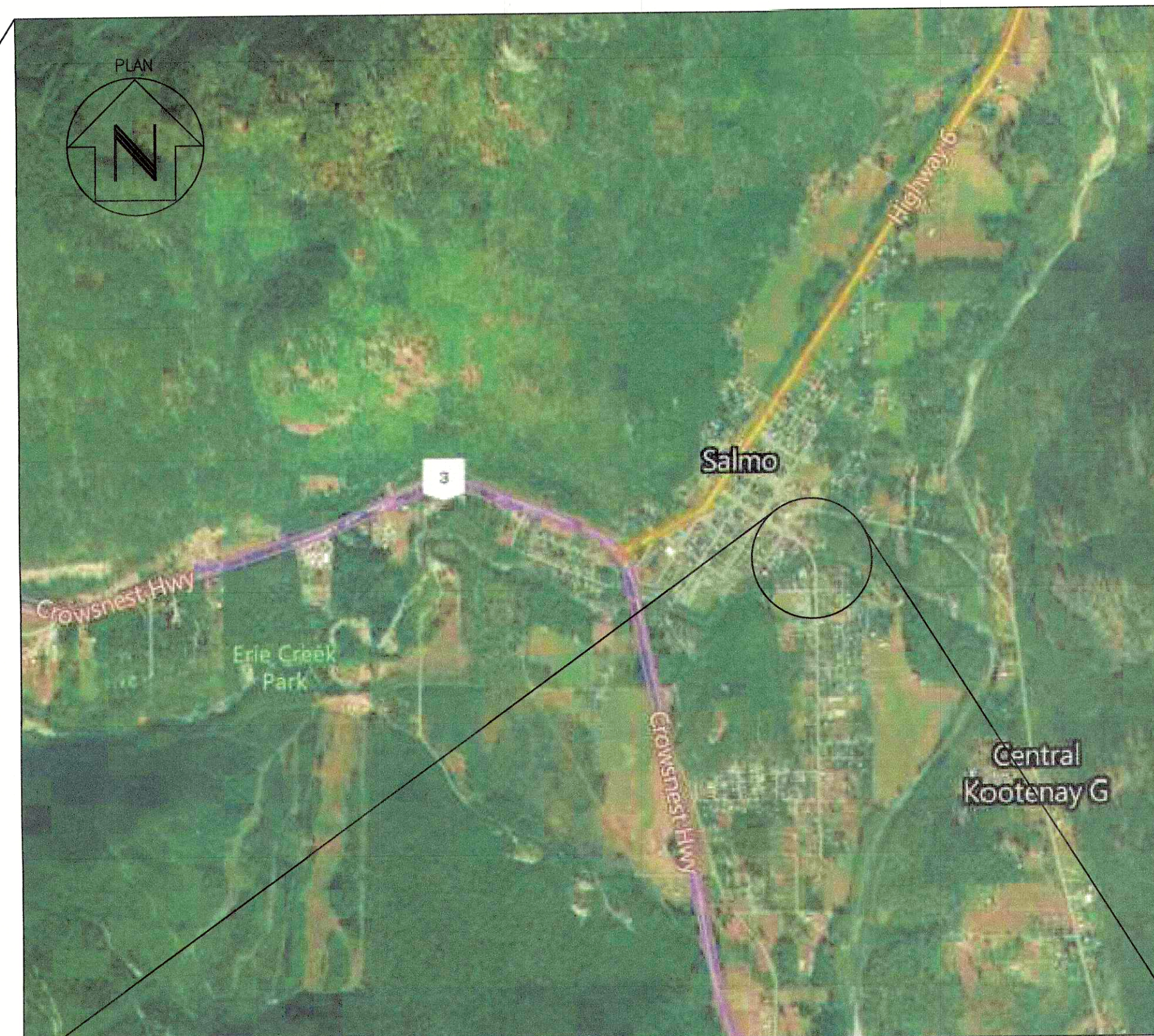
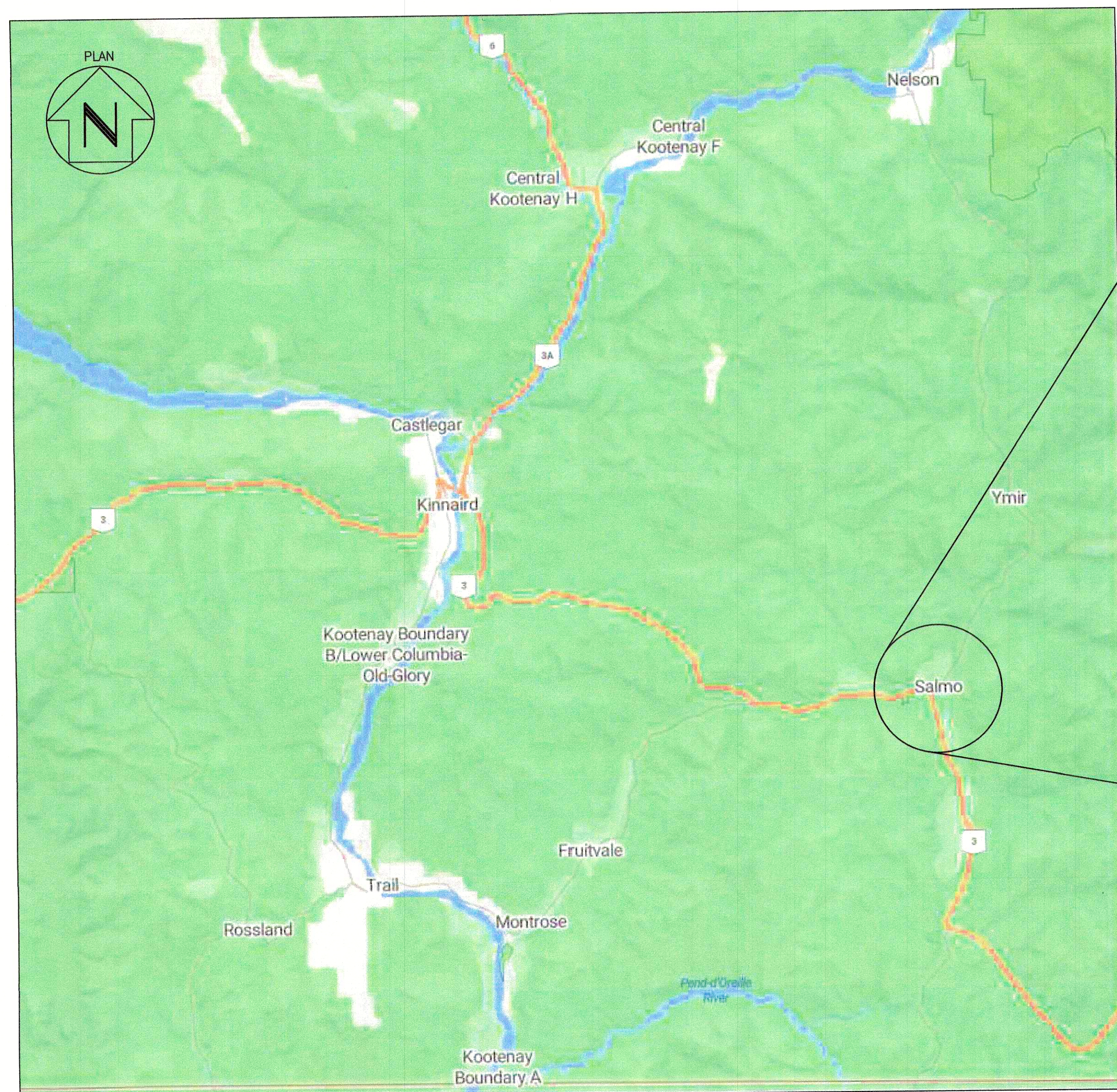




GENERAL NOTES

1. DRAWING LIST
SK1: KEY PLAN & NOTES
SK2: PLAN & ELEVATIONS
SK3: SECTIONS & DETAILS
2. READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS. CONTRACTOR TO FIELD CONFIRM ALL DIMENSIONS PRIOR TO FABRICATION.
3. THE DRAWINGS SHOW THE COMPLETED PROJECT. THEY DO NOT INCLUDE PROVISIONS THAT MAY BE REQUIRED FOR CONSTRUCTION AND SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION PROCEDURES USED IN CARRYING OUT THE WORKS, INCLUDING THE REQUISITE ENGINEERING AND DESIGN OF TEMPORARY STRUCTURES, FORMWORK, SHORING, ETC.
4. ONLY DRAWINGS DESIGNATED 'ISSUE FOR CONSTRUCTION' IN THE REVISION DESCRIPTION ARE TO BE USED FOR CONSTRUCTION PURPOSES.
5. DESIGN CODES: CANADIAN HIGHWAY BRIDGE DESIGN CODE CSA S6:19.

STRUCTURAL STEEL NOTES

1. DETAILING, FABRICATION, AND DELIVERY OF STEEL STRUCTURES SHALL CONFORM TO THE REQUIREMENTS OF CAN/CSA S16, "DESIGN OF STEEL STRUCTURES" AND THE CISC HANDBOOK OF STEEL CONSTRUCTION.
2. THERE SHALL BE NO FIELD CUTTING OR OTHER REMEDIAL WORK OF THE STRUCTURAL STEEL WITHOUT THE WRITTEN AUTHORIZATION OF THE DESIGN ENGINEER.
3. STRUCTURAL STEEL MEMBERS SHALL NOT BE SPICED WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER THE LOCATION AND DETAILS OF ANY PROPOSED SPICE. ANY SPICE PERMITTED SHALL BE SUBJECT TO ADDITIONAL NOT WELD INSPECTION.
4. WELDING PROCEDURES, MATERIALS, AND QUALITY STANDARDS SHALL CONFORM TO THE REQUIREMENTS OF CSA W59-18, "WELDED STEEL CONSTRUCTION".
5. ALL WELDING, WHETHER IN THE SHOP OR IN THE FIELD, SHALL BE PERFORMED BY QUALIFIED CWB-CERTIFIED WELDERS. THE FABRICATOR SHALL BE CERTIFIED TO CSA W47.1-09 (DIVISION 1 OR 2), "CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STRUCTURAL STEEL.
6. WELDING ELECTRODES SHALL BE E49XX, CONFORMING TO CSA W48-18 "FILLER METALS AND ALLOIED MATERIALS FOR METAL ARC WELDING".
7. COMMERCIAL BLAST TO SSPC-SP-6.
8. PRIME WITH ONE COAT OF RUSTEX PRIMER.
9. PAINT WITH TWO COATS OF INDUSTRIAL ENAMEL, COLOUR TO BE OWNER SPECIFIED.
10. ALL STRUCTURAL STEEL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS AND GRADES. SUBSTITUTIONS SHALL ONLY BE PERMITTED WITH THE WRITTEN PERMISSION OF THE ENGINEER.
 - PLATES TO CSA G40.21, GRADE 300W.
 - HOLLOW STRUCTURAL SECTIONS TO CSA G40.21, GRADE 350W CLASS C, OR ASTM A1085.
 - ANCHORS SHALL CONFORM TO ASTM F1554 GRADE 36 AND BE SUPPLIED WITH TWO MATCHING ASTM A563 HEAVY HEX GRADE C NUTS AND TWO MATCHING ASTM F436 WASHERS.

FIELD REVIEWS

ALL WORK IS TO BE INSPECTED BY AND COMPLETED TO THE SATISFACTION OF THE ENGINEER. FAILURE TO NOTIFY THE ENGINEER AT THE REQUIRED TIMES OF FIELD REVIEWS NOTED BELOW ASSUMES THE OWNER DOES NOT REQUIRE REVIEWS AND WILL ASSUME LIABILITY FOR THE INSTALLATION OF THE PRODUCT.

PROVIDE 48 HOURS NOTICE TO ENGINEER FOR FIELD REVIEWS.

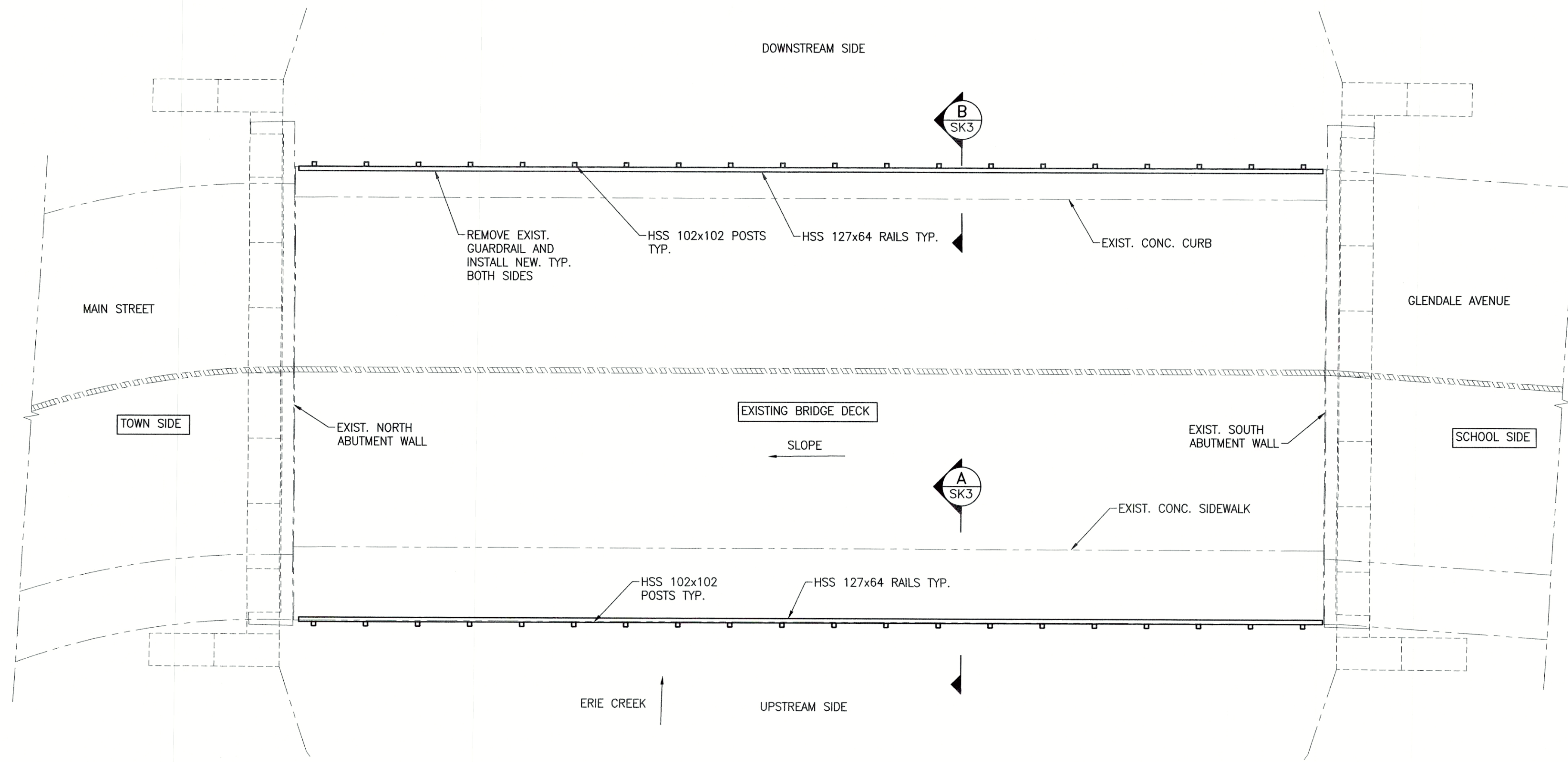
FIELD REVIEW REQUIREMENTS:

- FIELD REVIEW IS REQUIRED AT END OF PROJECT

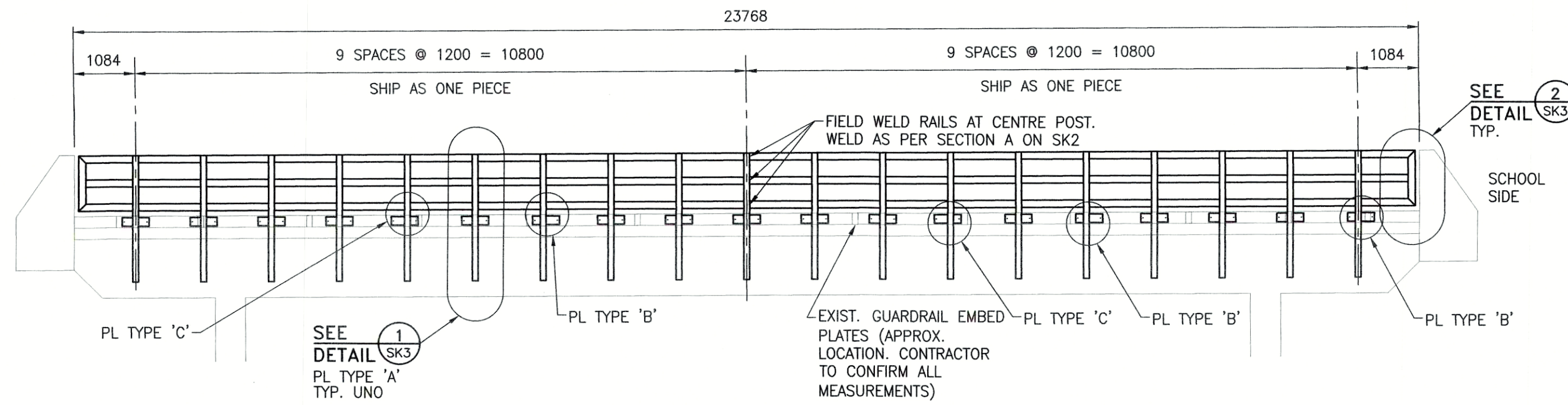
REFERENCE

1. BACKGROUND ORTHOPHOTO SCREEN SHOTS FROM MICROSOFT BING MAPS REPRINTED WITH PERMISSION FROM MICROSOFT CORPORATION. RETRIEVED MARCH 24, 2023.

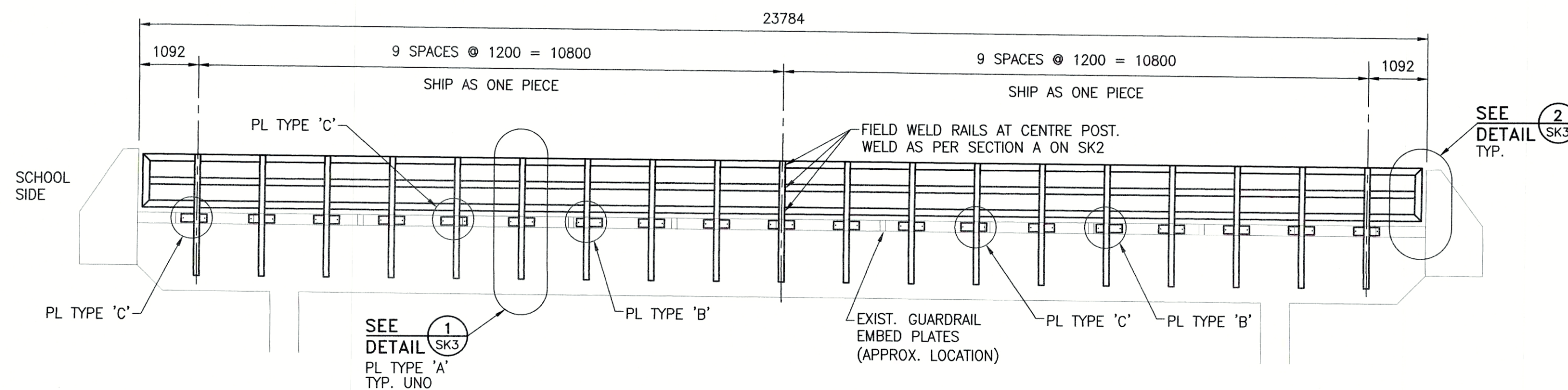
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PLAN - BRIDGE GUARDRAIL
1:75



ELEVATION - GUARDRAIL UPSTREAM SIDE (LOOKING EAST)
1:75

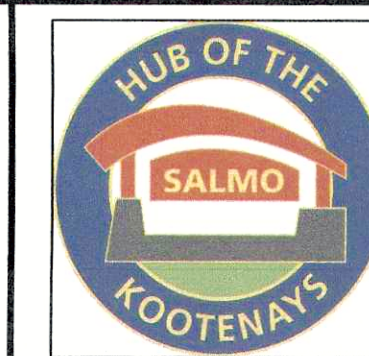


ELEVATION - GUARDRAIL DOWNSTREAM SIDE (LOOKING WEST)
1:75

SEPT 3/25

FOR NOTES SEE DWG. 24E159-SK1

REV.	ISSUE FOR CONSTRUCTION	DATE	BY	CHK'D	APP'D	NO.	DWG. NO.	REFERENCE DRAWINGS	ENGINEERING REVIEW
0	ISSUE FOR CONSTRUCTION	2025/09/03	C.CALDERBANK	T.SUKKAU	J.TOWNSEND	1	24E159-SK1 THROUGH SK5	GLENDALE BRIDGE SLAB AND RIP RAP REPAIR DRAWINGS	DESIGN CHECKED BY: B.CARTER 2025/08/27 CHECKED BY: T.SUKKAU 2025/08/27 DESIGNED BY: J.TOWNSEND 2025/06/23 DRAWN BY: C.CALDERBANK 2025/07/17



PERMIT TO PRACTICE
REDWOOD ENGINEERING LTD.
DATE: 2025/09/03
PERMIT NUMBER: 1000559
ENGINEERS & GEOSCIENTISTS
BRITISH COLUMBIA

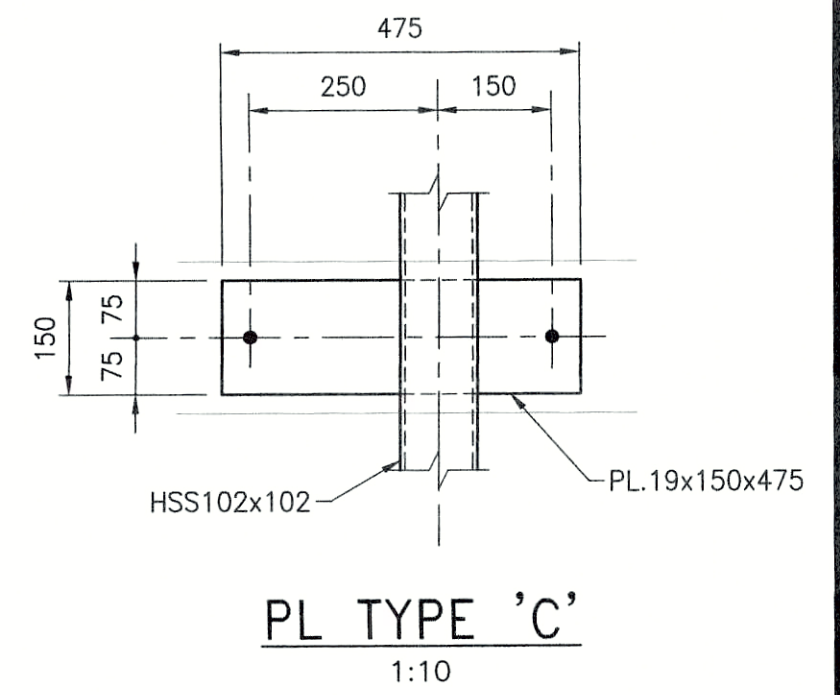
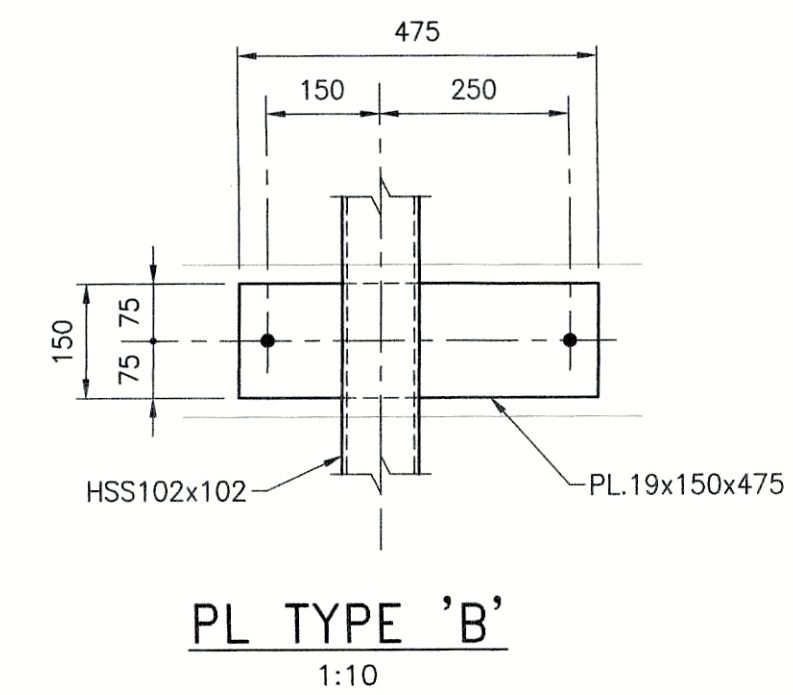
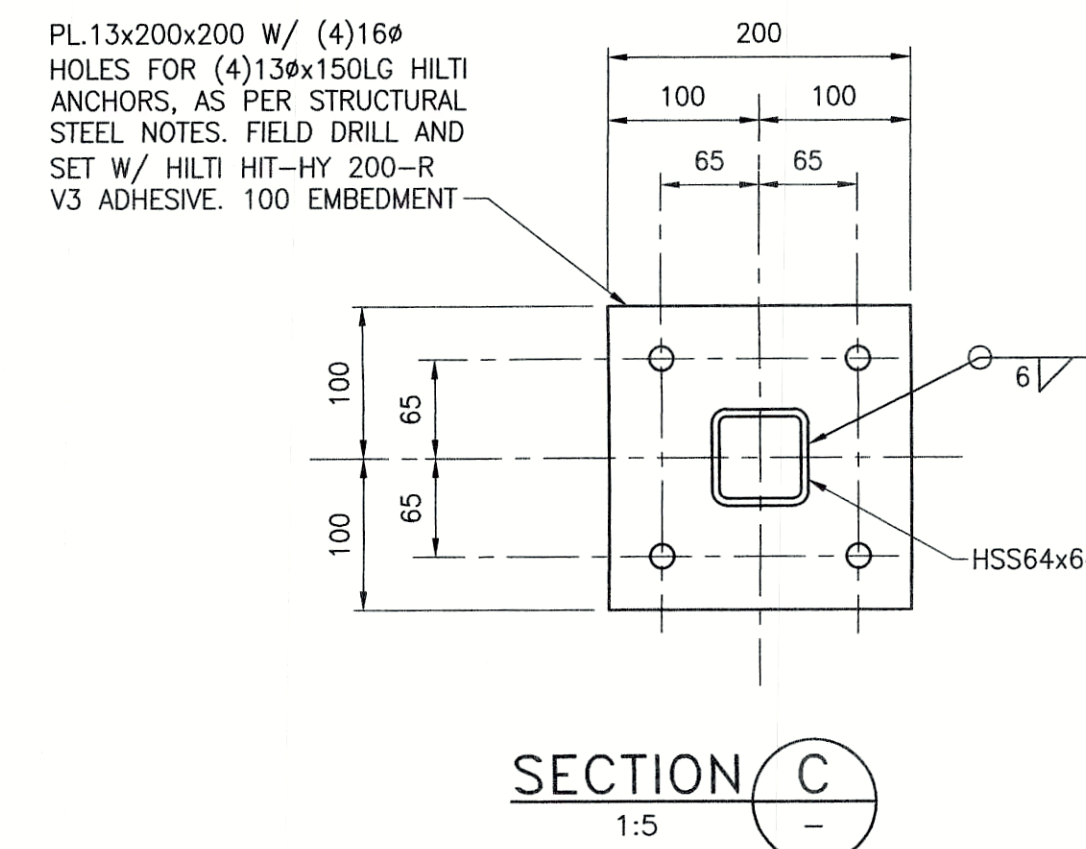
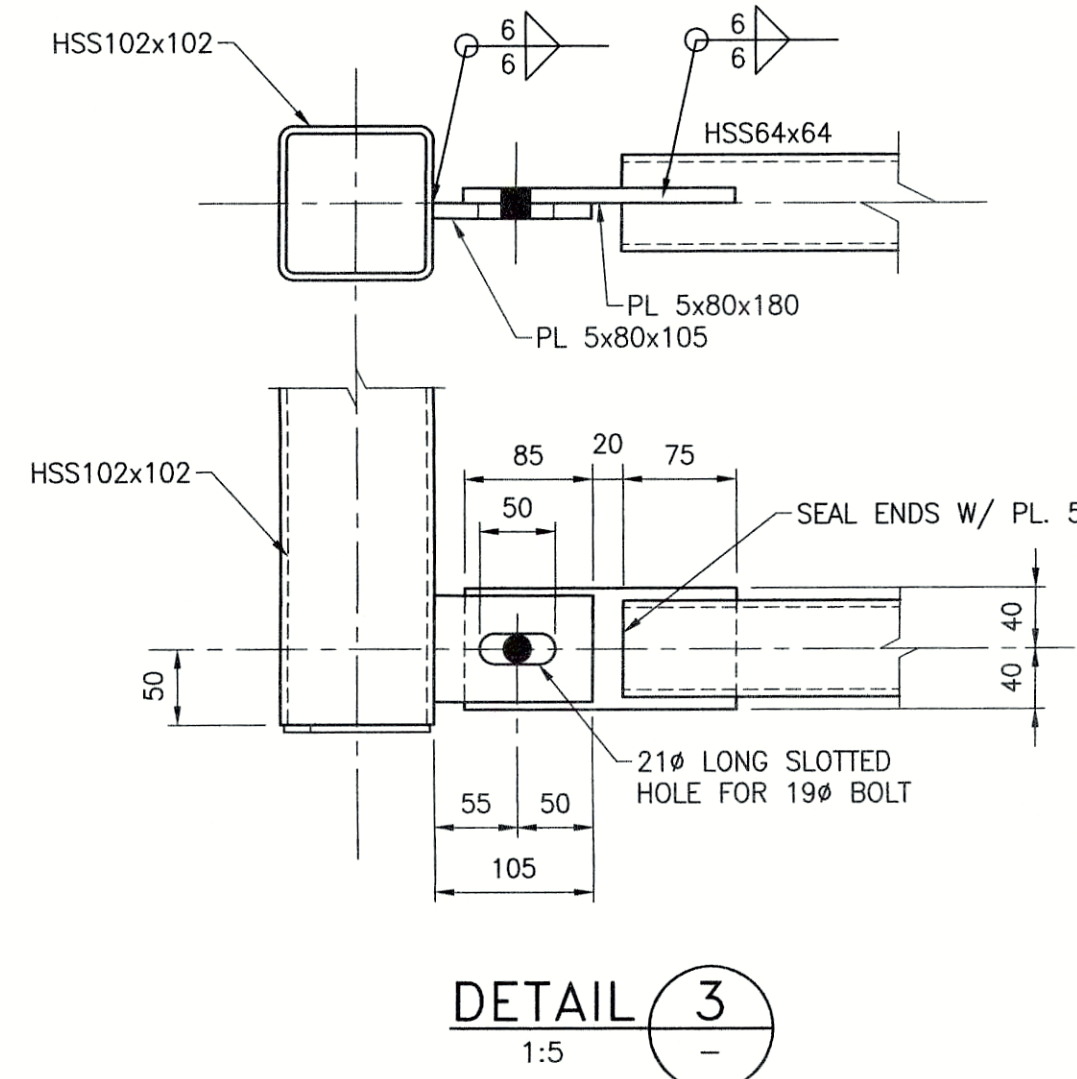
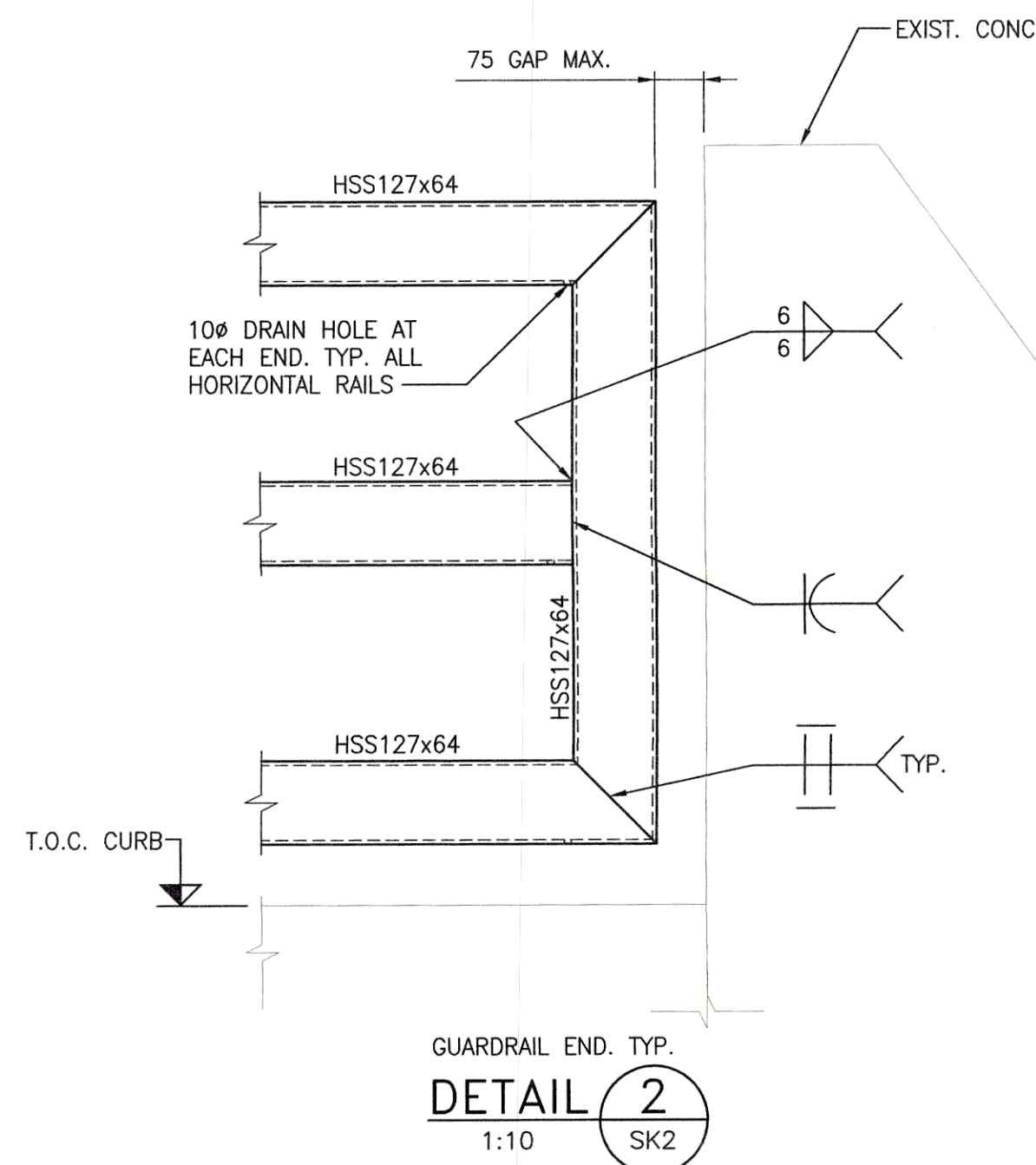
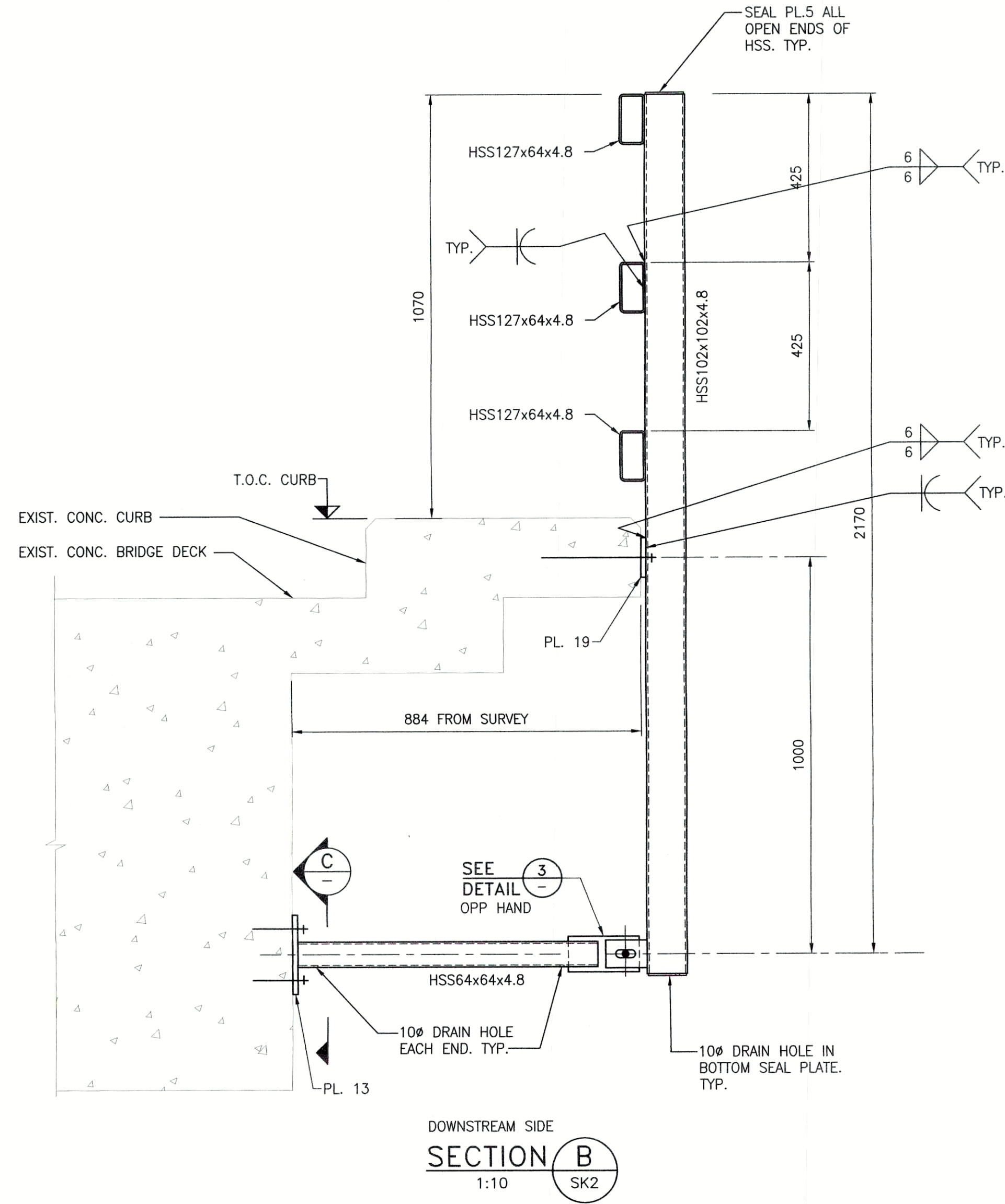
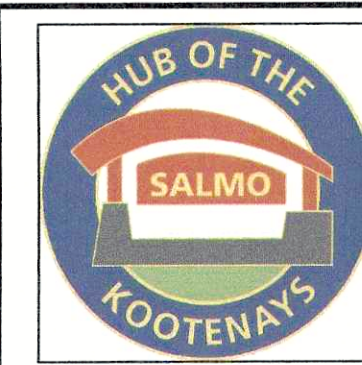
REDWOOD ENGINEERING LTD.
Trail, B.C. Canada
46750364-1688
46750364-1684
www.redwoodengineering.com

TITLE
GLENDALE AVE, SALMO, BC
ERIE CREEK BRIDGE CROSSING
GUARDRAILS
PLAN & ELEVATIONS

PROJECT NUMBER:
SCALE AS NOTED PROJECT NUMBER 24E159

DWG. NO. 24E159-SK2

REV. 0

[illegible]

FOR NOTES SEE DWG. 24E159-SK1



TITLE	GLENDALE AVE, SALMO, BC ERIE CREEK BRIDGE CROSSING GUARDRAILS SECTIONS & DETAILS
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PROJECT NUMBER:	
SCALE AS NOTED	PROJECT NUMBER 24E159

DWG. NO.	24E159-SK3	REV. 0
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