

NOT FOR CONSTRUCTION

NOTES:

1. FOR GENERAL NOTES SEE DWG. S01.

ISSUES									
No.	DATE YYYY.MM.DD	ISSUED FOR	No.	DATE YYYY.MM.DD	ISSUED FOR	No.	DATE YYYY.MM.DD	ISSUED FOR
A	2022.08.24	INFORMATION						
B	2023.09.28	CLIENT REVIEW						
C	2024.05.14	CLIENT REVIEW						
D	2024.06.27	TENDER						
E	2024.07.23	ADDENDUM						

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SUB CONSULTANT

DRAFTED PHU

DRAFTING REVIEW

DESIGNED GLG

DESIGN REVIEW MGCG

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ENGINEERS SEAL
ENGINEER OF RECORD PRACTICE #1000201
PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M.C.G. SEYD #26013
2024-07-23

GENERAL ARRANGEMENT

NILE CREEK BRIDGE CROSSING

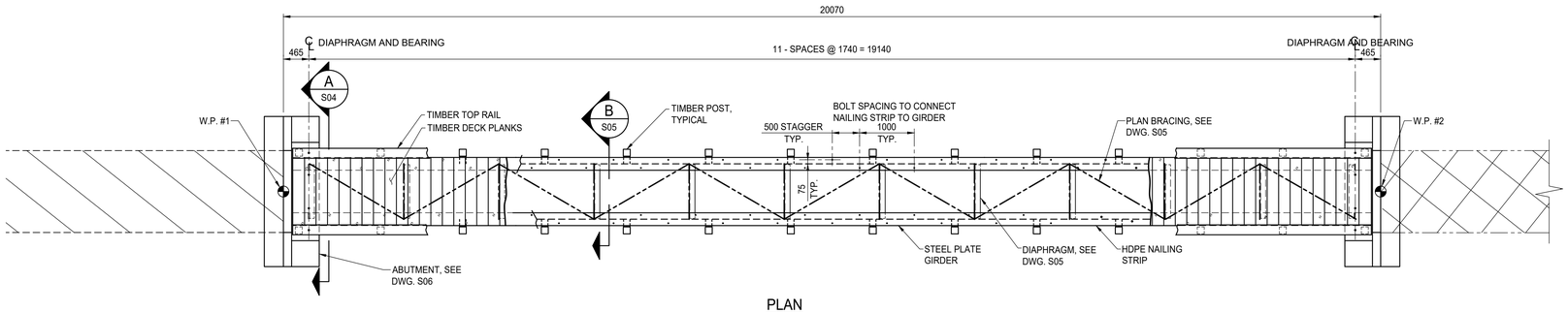
QUALICUM BAY
REGIONAL DISTRICT OF NANAIMO

HEL PROJECT No.	CLIENT DWG. No.
0837-090	N/A
SCALE 1:100	PERMIT No. N/A
HEL DRAWING No. S02	REVISION E

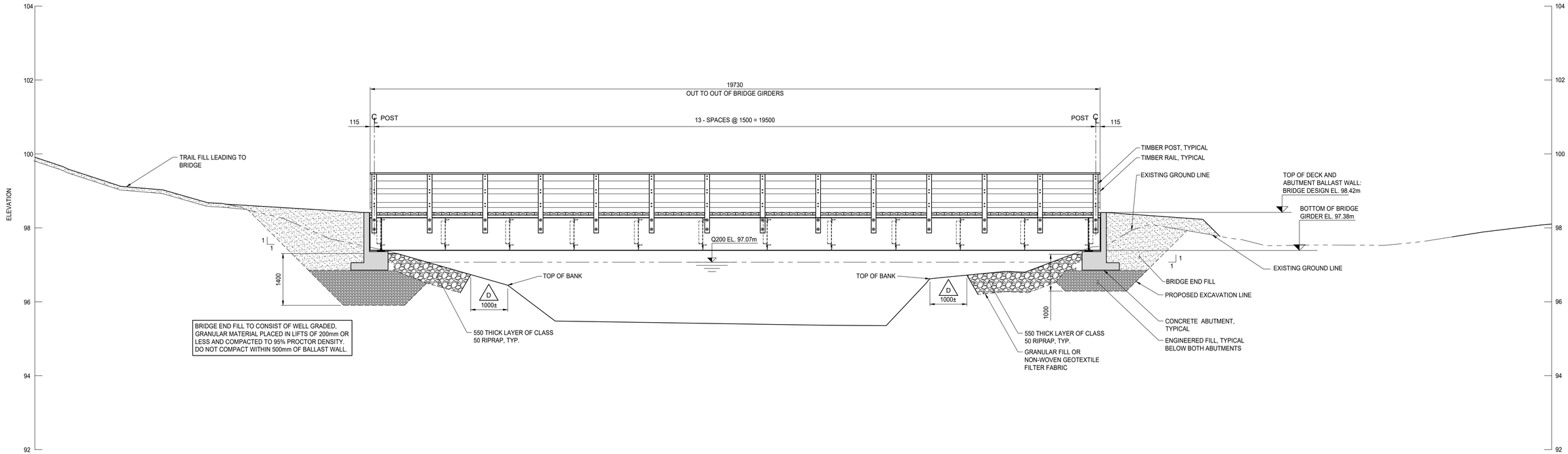
DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION

ARCHITECTURAL D 24" x 36"

File: \\L\Projects\0837-090 Nile Creek Bridge Crossing\045 Drawings\Autocad\0837-090-S02.dwg Plot Time: Jul. 23, 24 6:13 PM User: Matt Boyd



PLAN
1:50



NOTE: THE Q200 WATER LEVEL INDICATED IS APPROXIMATE AND BASED ON THE FOLLOWING:

- DRAINAGE AREA = 14.7 KM^2
- DRAINAGE ELEVATIONS = 980M AT TOP OF CREEK, 15M AT BRIDGE LOCATION FROM RDN PUBLIC VIEWER MAP
- HYDRAULIC OPENING AND LOCAL STREAM GRADIENT OF 0.035M/M FROM HEROLD ENGINEERING LIMITED SURVEY DATED 2022
- MANNING COEFFICIENT (LOCAL) = 0.05
- DESIGN APPROACH BY MOTI FOR DRAINAGE AREA UP TO 10KM^2
- LIMITED DATA LEAD TO ASSUMPTIONS AND METHODS SIMILARLY USED IN BC MOTI HYDROLOGY EXAMPLE FOR SMALLER AND NEAR BY THAMES CREEK.
- RESULTS INLINE WITH THAMES CREEK AND FINDINGS FROM SURVEY STATION LOCATION DOWNSTREAM.

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ISSUES

No.	DATE YYYY.MM.DD	ISSUED FOR
A	2023.09.18	CLIENT REVIEW
B	2024.05.16	CLIENT REVIEW
C	2024.06.27	TENDER
D	2024.07.23	ADDENDUM

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DRAFTED PHU
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DESIGN REVIEW MGCS

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M.C.G. SEYD #29013
2024-07-23

PLAN AND ELEVATION

NILE CREEK BRIDGE CROSSING

QUALICUM BAY
REGIONAL DISTRICT OF NANAIMO

HEL PROJECT No.	CLIENT DWG. No.
0837-090	N/A
SCALE	PERMIT No.
AS NOTED	N/A
HEL DRAWING No.	REVISION
S03	D

DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION

ARCHITECTURAL D 24" x 36"
Plot: N:\Projects\0837-090 Nile Creek Bridge Crossing\045 Drawings\Arthur\0837-090-S03.dwg Plot Time: Jul. 23, 24 5:10 PM User: Matt Seyd