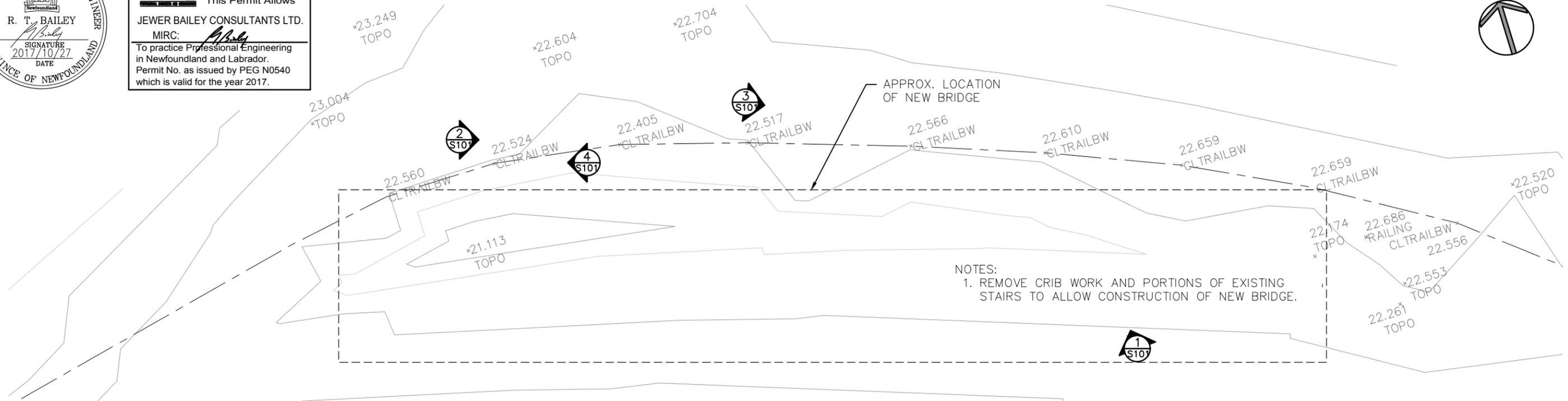




PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG
 PERMIT HOLDER
 This Permit Allows
JEWEL BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540
 which is valid for the year 2017.



NOTES:
 1. REMOVE CRIB WORK AND PORTIONS OF EXISTING STAIRS TO ALLOW CONSTRUCTION OF NEW BRIDGE.

A EXISTING SITE PLAN
 S101 1:50



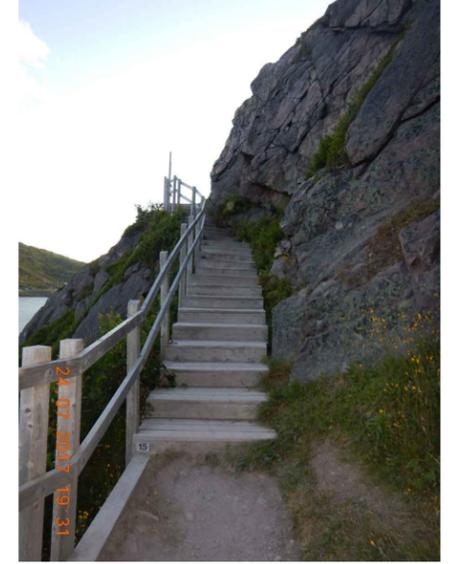
1 PHOTO 1
 S101



2 PHOTO 2
 S101



3 PHOTO 3
 S101



4 PHOTO 4
 S101



100 LEMARCHANT ROAD
 ST. JOHN'S, NL
 CANADA A1C 2H2
 TEL (709) 738-2500
 www.tractconsulting.com

CLIENT



PROJECT

**NORTH HEAD TRAIL
 RECAPITILAZTION**

DRAWING

**NH14
 EXISTING
 CONDITIONS &
 DEMOLITION**

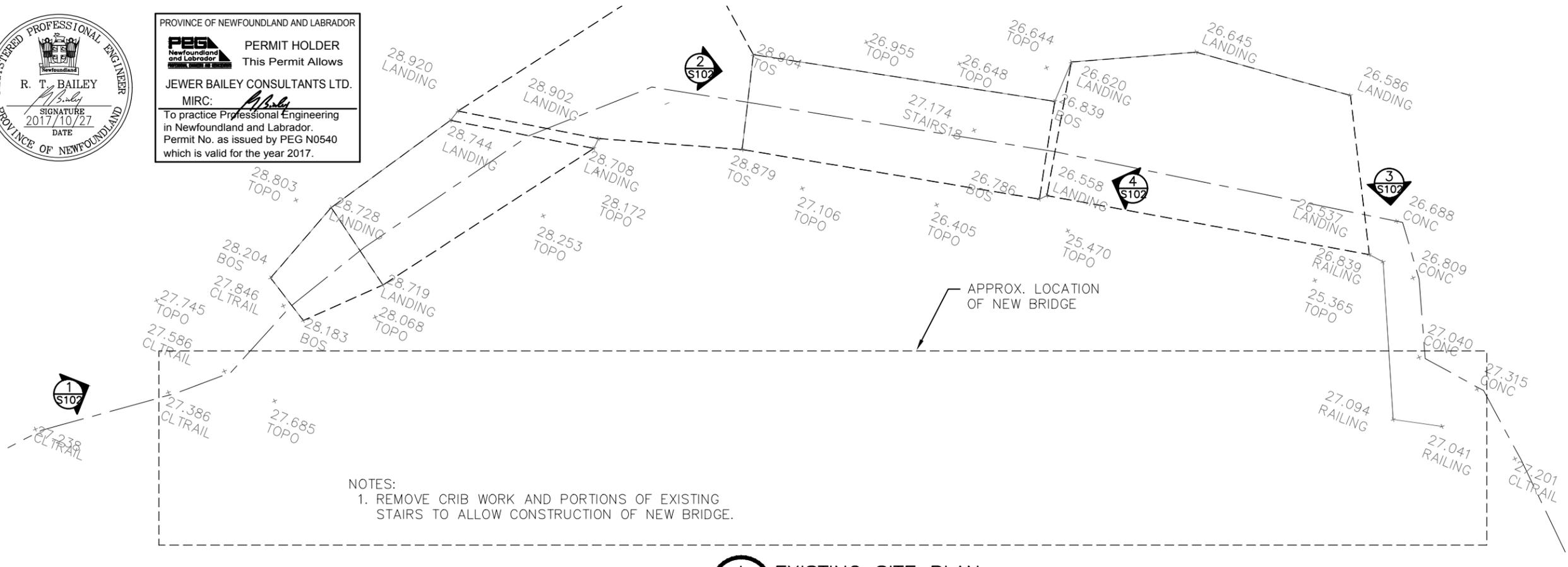
NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

DRAWN	CG
DATE	OCT. 2017
DESIGNED	RB

SCALE	1:50
SHEET	S101



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG
 PERMIT HOLDER
 This Permit Allows
JEWEL BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540
 which is valid for the year 2017.



NOTES:
 1. REMOVE CRIB WORK AND PORTIONS OF EXISTING STAIRS TO ALLOW CONSTRUCTION OF NEW BRIDGE.

A EXISTING SITE PLAN
 S102 1:50



1 PHOTO 1
 S102



2 PHOTO 2
 S102



3 PHOTO 3
 S102



4 PHOTO 4
 S102

100 LEMARCHANT ROAD
 ST. JOHN'S, NL
 CANADA A1C 2H2
 TEL (709) 738-2500
 www.tractconsulting.com

CLIENT

Parks Canada

PROJECT

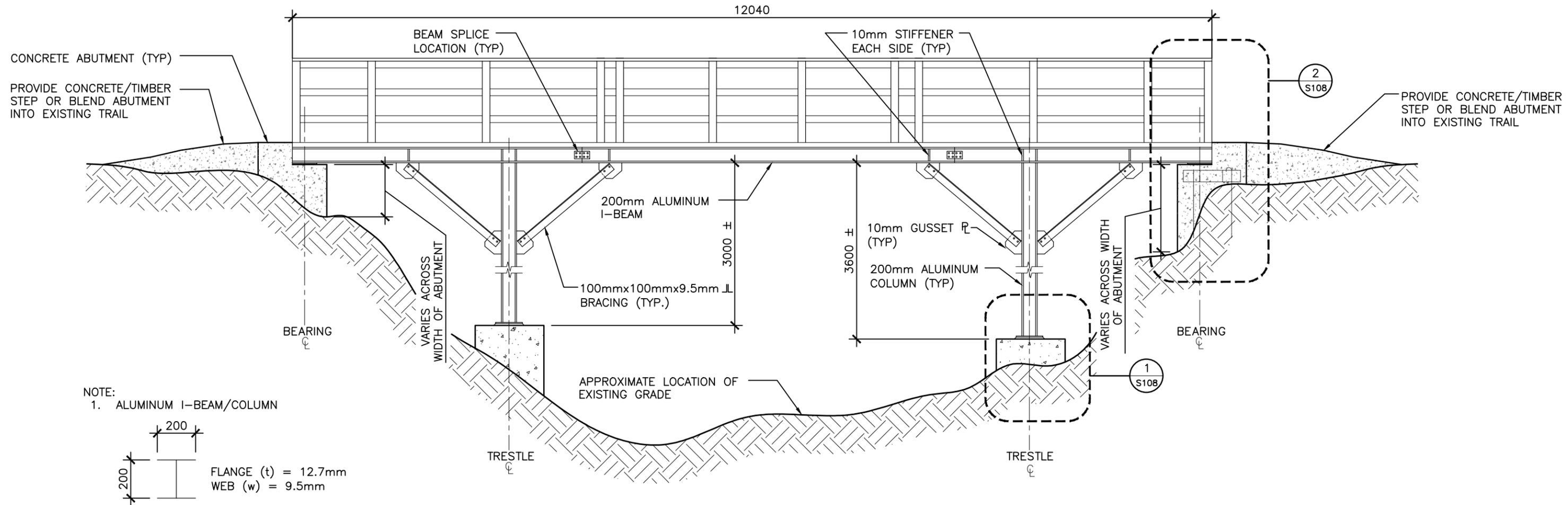
**NORTH HEAD TRAIL
 RECAPITILAZTION**

DRAWING

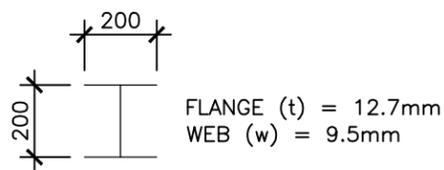
**STAIR 18
 EXISTING
 CONDITIONS &
 DEMOLITION**

NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

DRAWN	CG	SCALE	1:50
DATE	OCT. 2017	SHEET	S102
DESIGNED	RB		

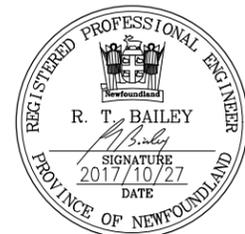


NOTE:
1. ALUMINUM I-BEAM/COLUMN



1 BRIDGE ELEVATION
S103 1:50

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 Newfoundland and Labrador
 This Permit Allows
JEWEL BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540
 which is valid for the year 2017.



100 LEMARCHANT ROAD
ST. JOHN'S, NL
CANADA A1C 2H2
TEL (709) 738-2500
www.tractconsulting.com

CLIENT

Parks Canada

PROJECT

NORTH HEAD TRAIL
RECAPITILAZTION

DRAWING

NH14
ELEVATION

NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

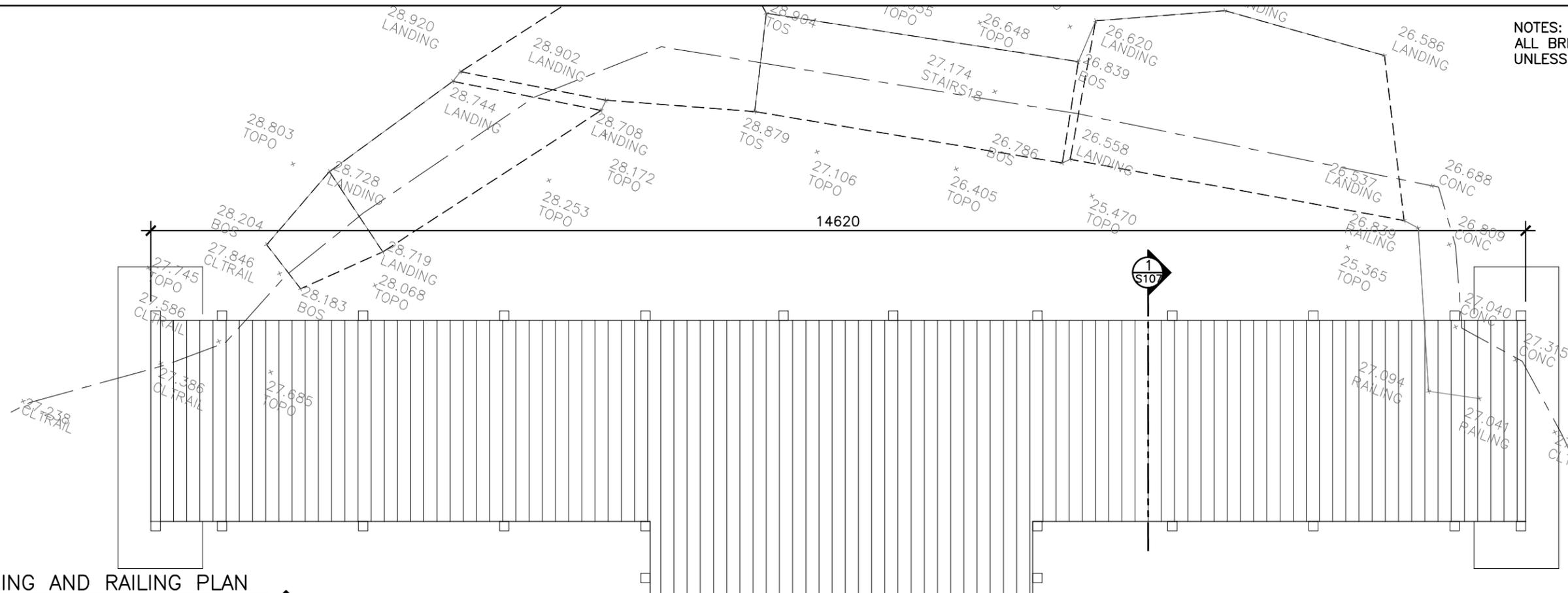
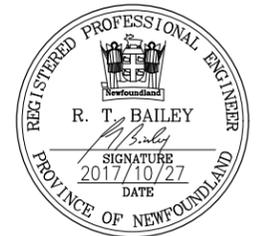
DRAWN	CG
DATE	OCT. 2017
DESIGNED	RB

SCALE
AS NOTED

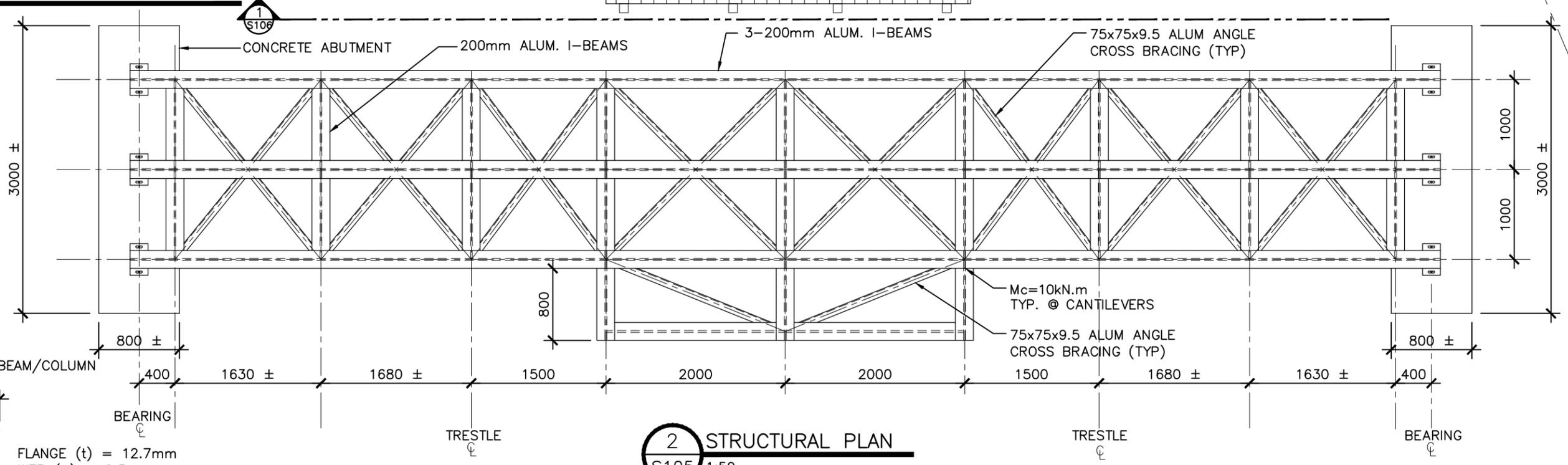
SHEET
S104

NOTES:
ALL BRIDGE MATERIAL TO BE ALUMINUM,
UNLESS OTHERWISE SPECIFIED

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 Newfoundland and Labrador
 This Permit Allows
JEWEL BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540
 which is valid for the year 2017.



1 DECKING AND RAILING PLAN
 S105 1:50



NOTE:
1. ALUMINUM I-BEAM/COLUMN
 BEARING
 200
 200
 FLANGE (t) = 12.7mm
 WEB (w) = 9.5mm

2 STRUCTURAL PLAN
 S105 1:50

100 LEMARCHANT ROAD
 ST. JOHN'S, NL
 CANADA A1C 2H2
 TEL (709) 738-2500
 www.tractconsulting.com

CLIENT

Parks Canada
 Parcs Canada

PROJECT

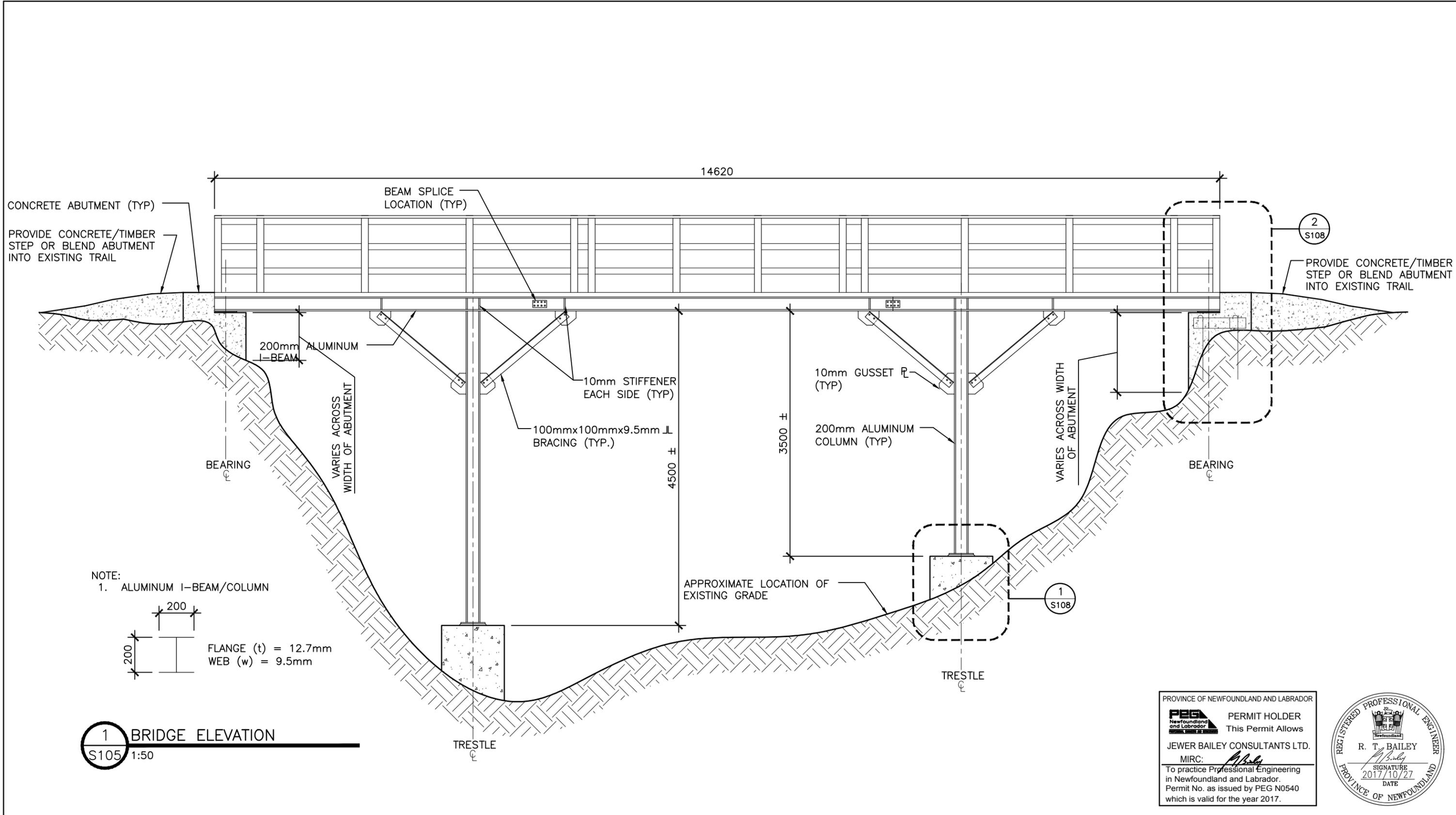
**NORTH HEAD TRAIL
 RECAPITILAZTION**

DRAWING

**STAIR 18
 BRIDGE PLAN**

NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/10/2017

DRAWN	SCALE
CG	1:75
DATE	SHEET
OCT. 2017	S105
DESIGNED	
RB	



100 LEMARCHANT ROAD
ST. JOHN'S, NL
CANADA A1C 2H2

TEL (709) 738-2500
www.tractconsulting.com

CLIENT

Parks Canada

PROJECT

NORTH HEAD TRAIL
RECAPITILAZTION

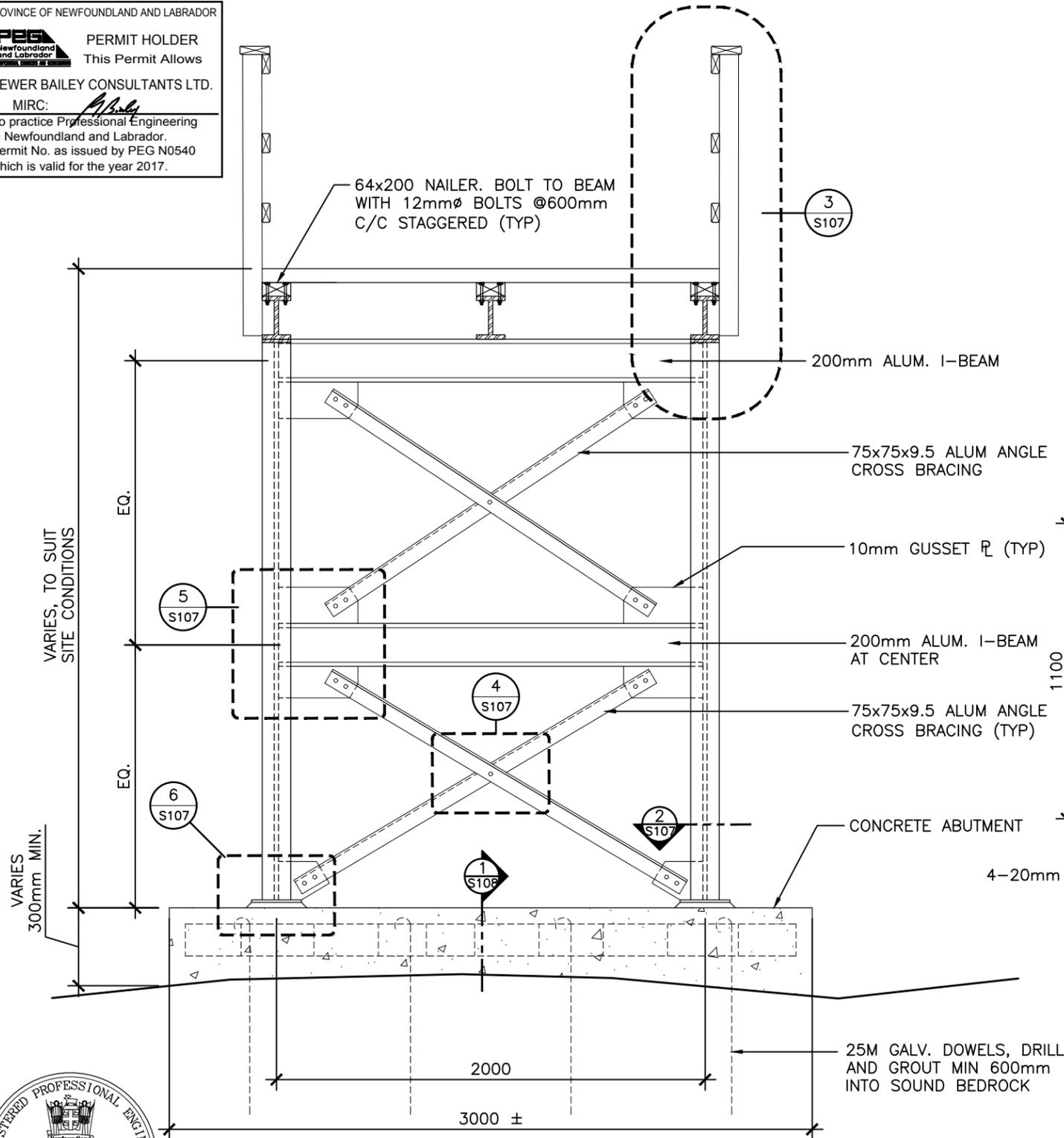
DRAWING

STAIR 18
ELEVATION

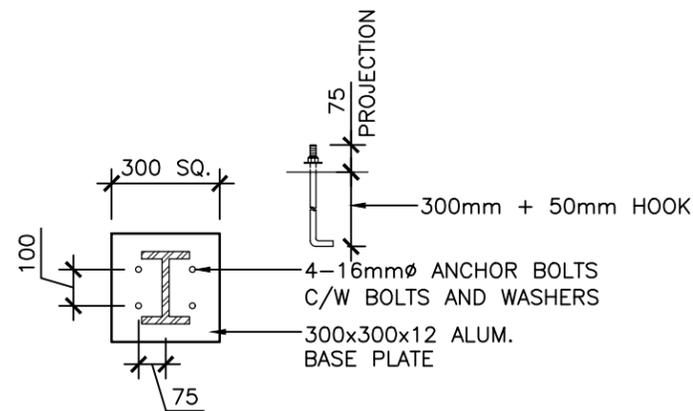
NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

DRAWN	CG	SCALE	AS NOTED
DATE	OCT. 2017	SHEET	S106
DESIGNED	RB		

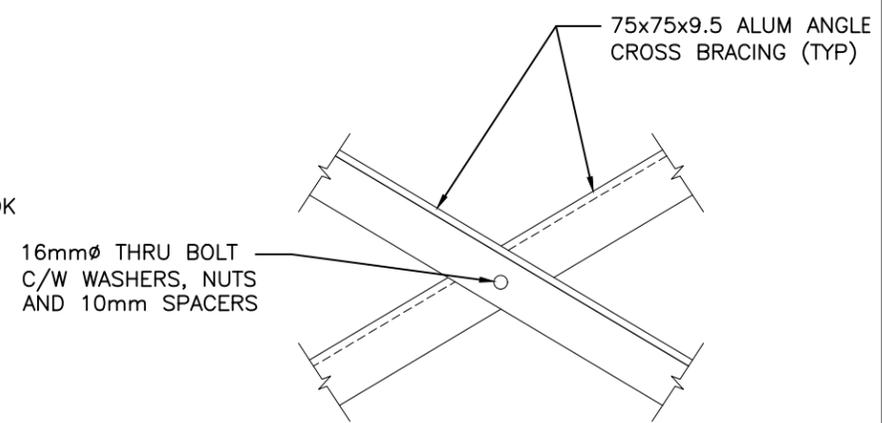
PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 Newfoundland and Labrador
 This Permit Allows
JEWER BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540
 which is valid for the year 2017.



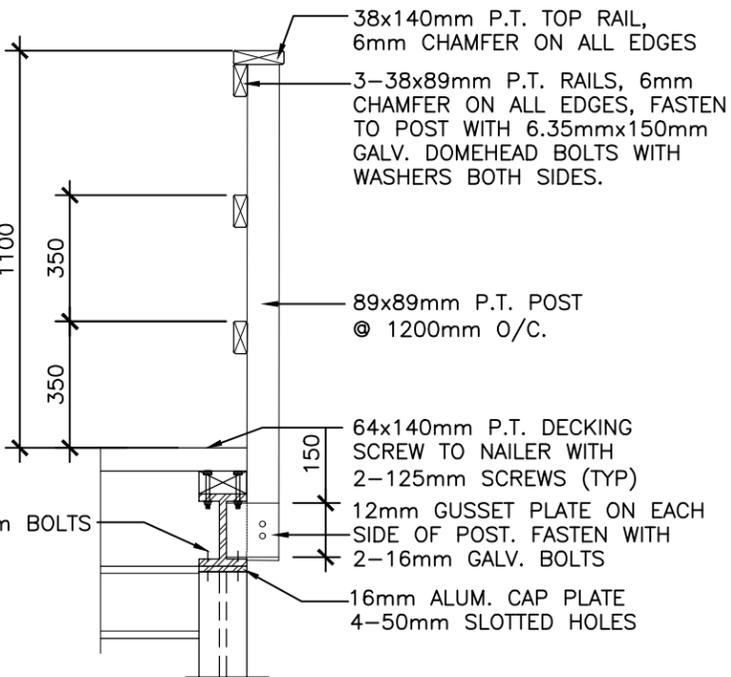
1 BRIDGE SECTION
 S103/S105 1:25



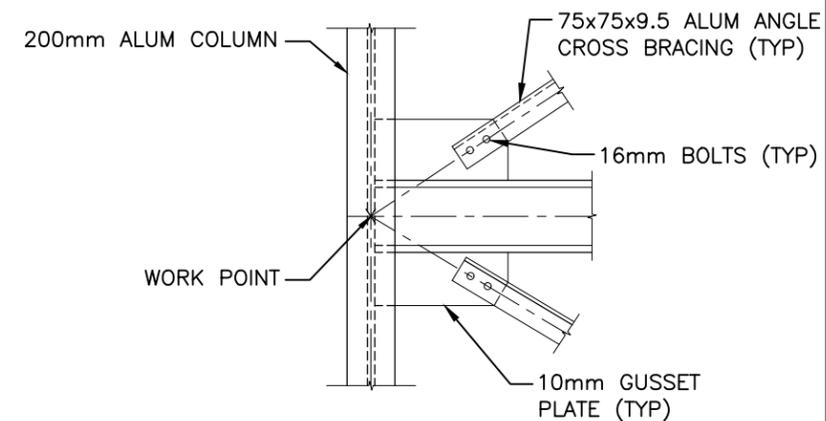
2 BASE PLATE DETAIL
 S107 1:20



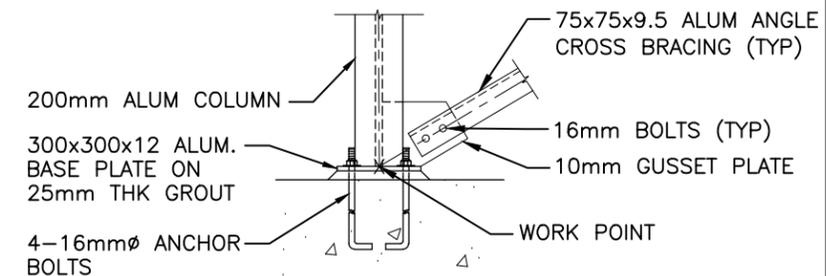
4 BRACING CONNECTION DETAIL
 S107 1:10



3 RAIL SECTION
 S107 1:20



5 BRACING CONNECTION DETAIL
 S107 1:20



6 BRACING CONNECTION DETAIL
 S107 1:20



100 LEMARCHANT ROAD
 ST. JOHN'S, NL
 CANADA A1C 2H2
 TEL (709) 738-2500
 www.tractconsulting.com

CLIENT



PROJECT

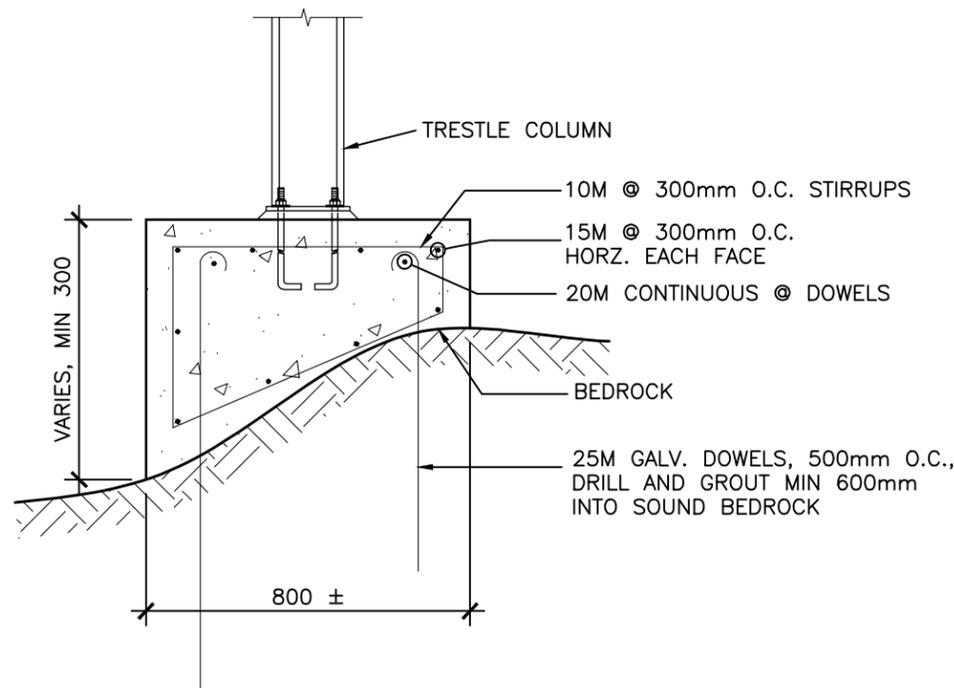
NORTH HEAD TRAIL
 RECAPITILAZTION

DRAWING

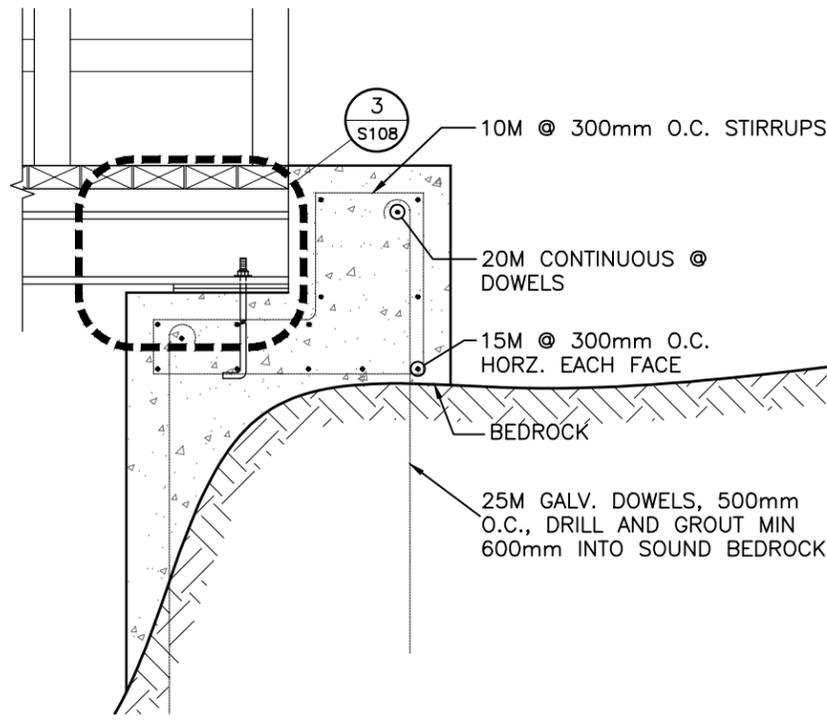
BRIDGE
 TYPICAL
 DETAILS

NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

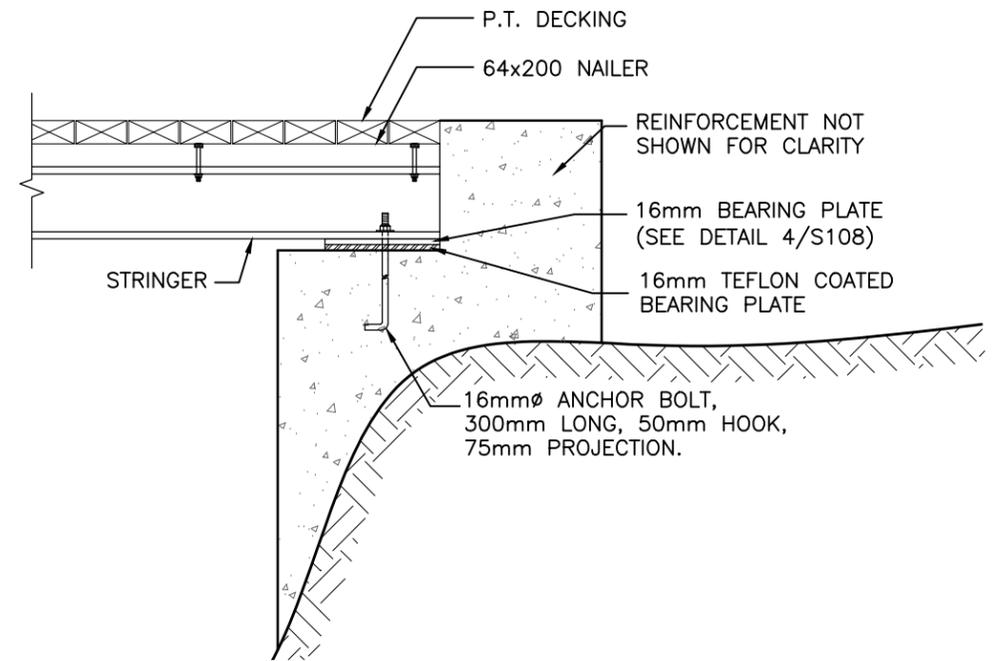
DRAWN	CG	SCALE	AS NOTED
DATE	OCT. 2017	SHEET	S107
DESIGNED	RB		



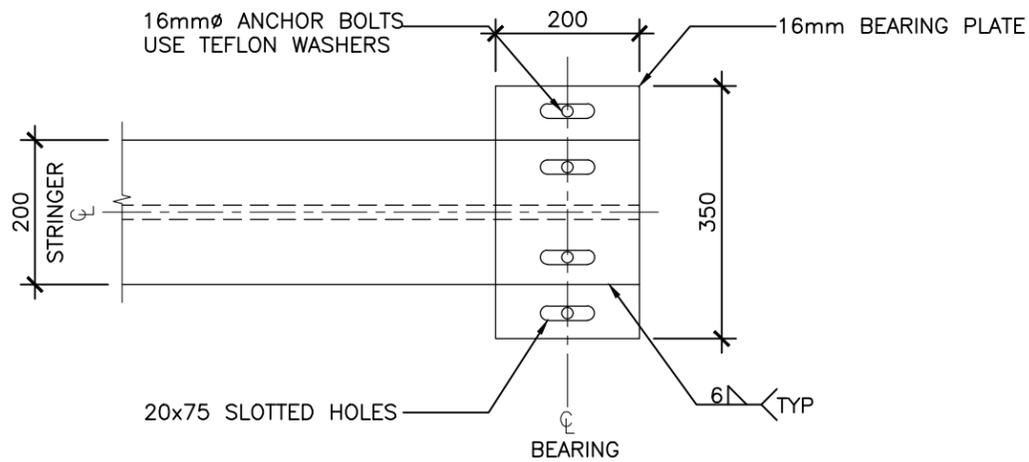
1 TRESTLE FOUNDATION
S104/S106 1:20



2 ABUTMENT DETAIL
S104/S106 1:20

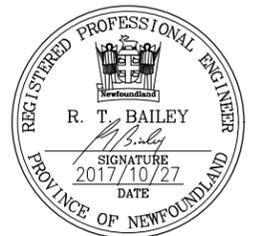


3 BEARING DETAIL
S108 1:20



4 STRINGER BEARING-FREE END (BOTH ENDS)
S108 1:10

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 Newfoundland and Labrador
 This Permit Allows
 JEWEL BAILEY CONSULTANTS LTD.
 MIRC: *[Signature]*
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG N0540 which is valid for the year 2017.



PROJECT
NORTH HEAD TRAIL RECAPITILAZTION

DRAWING
BRIDGE TYPICAL DETAILS

NO.	REVISION	MM/DD/YY
4	ISSUED FOR TENDER	27/10/2017
3	ISSUED FOR 100% REVIEW	18/10/2017
2	ISSUED FOR 99% REVIEW	10/06/2017

DRAWN	SCALE
CG	AS NOTED
DATE	SHEET
OCT. 2017	S108
DESIGNED	
RB	