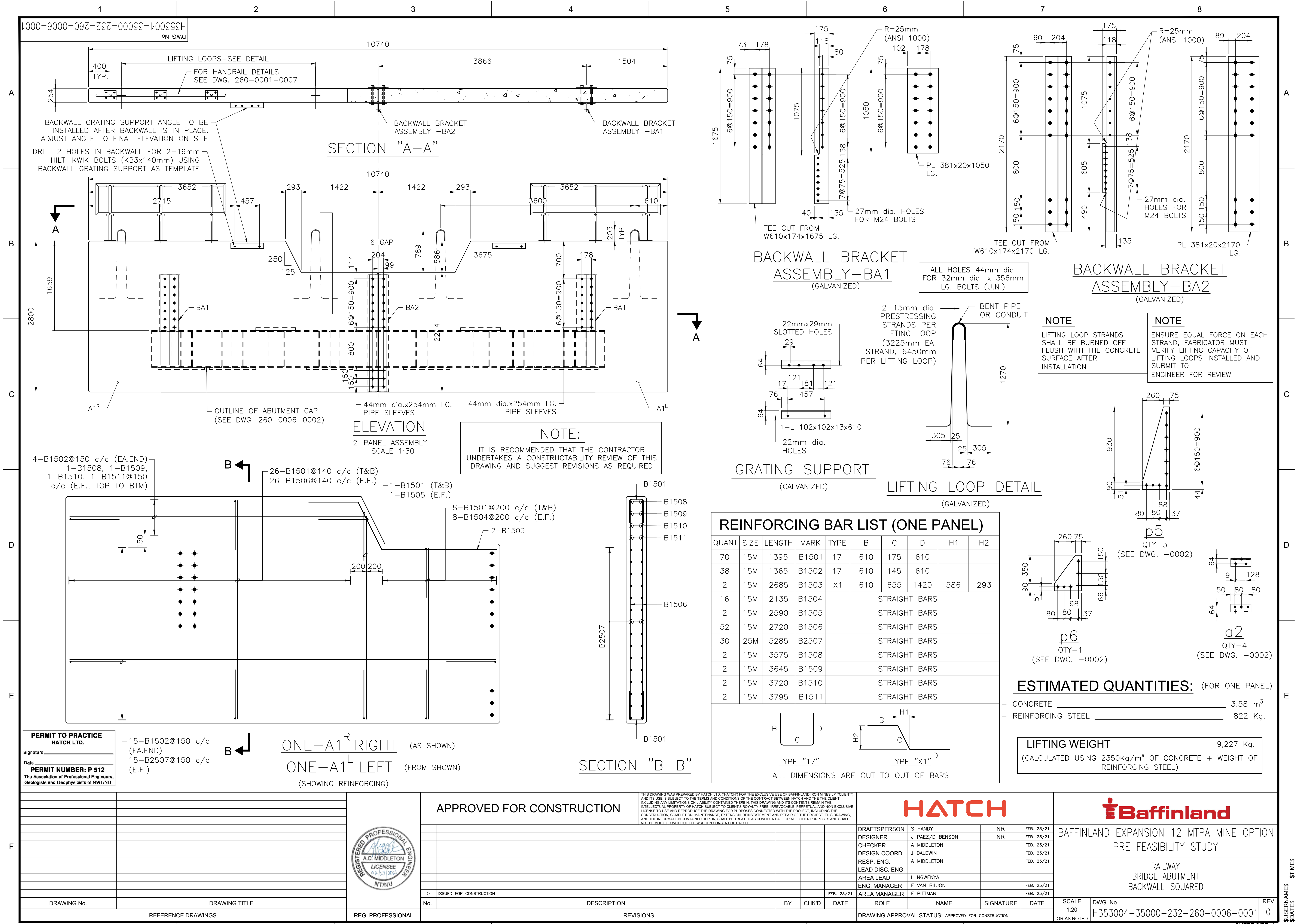
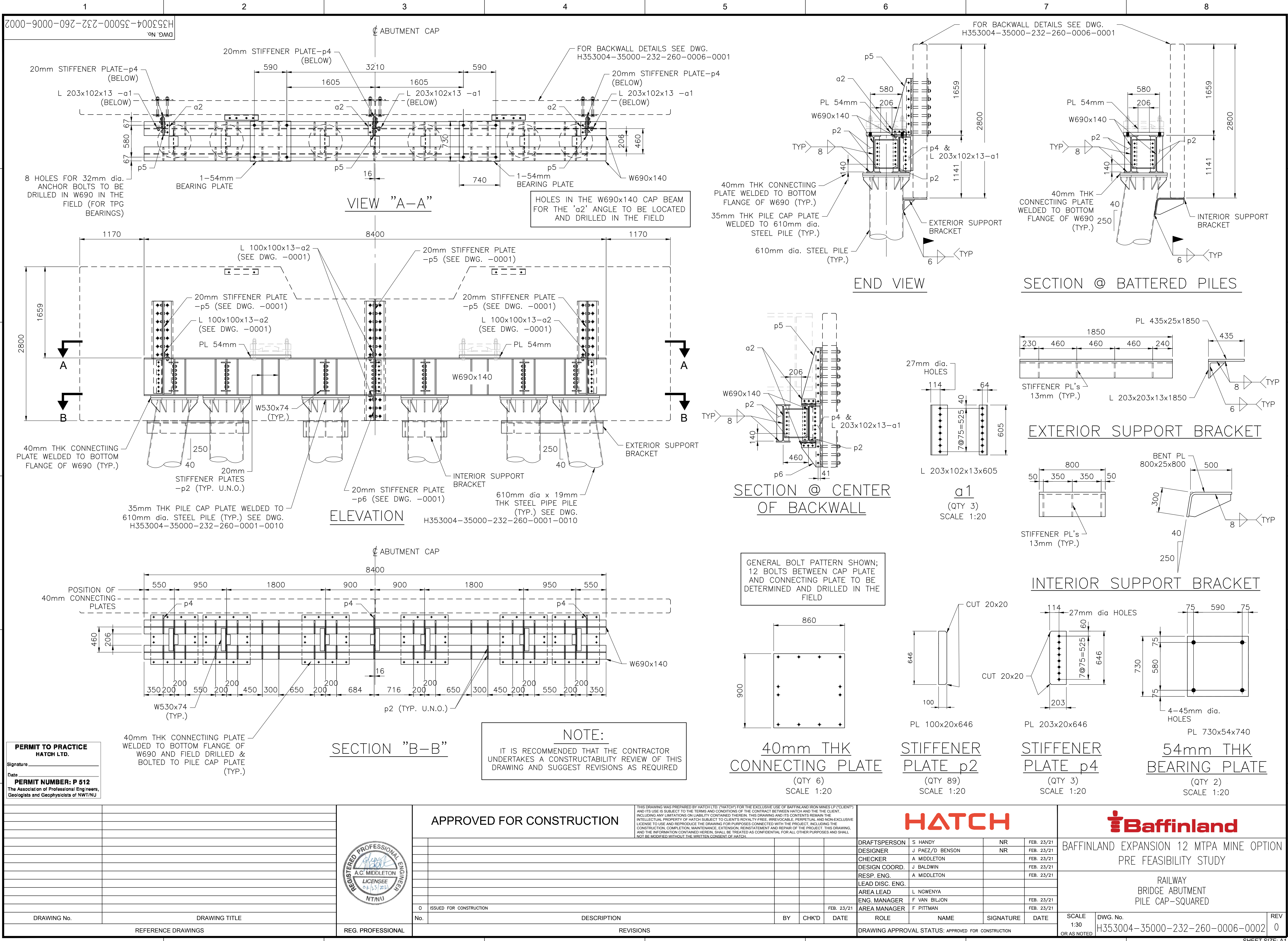
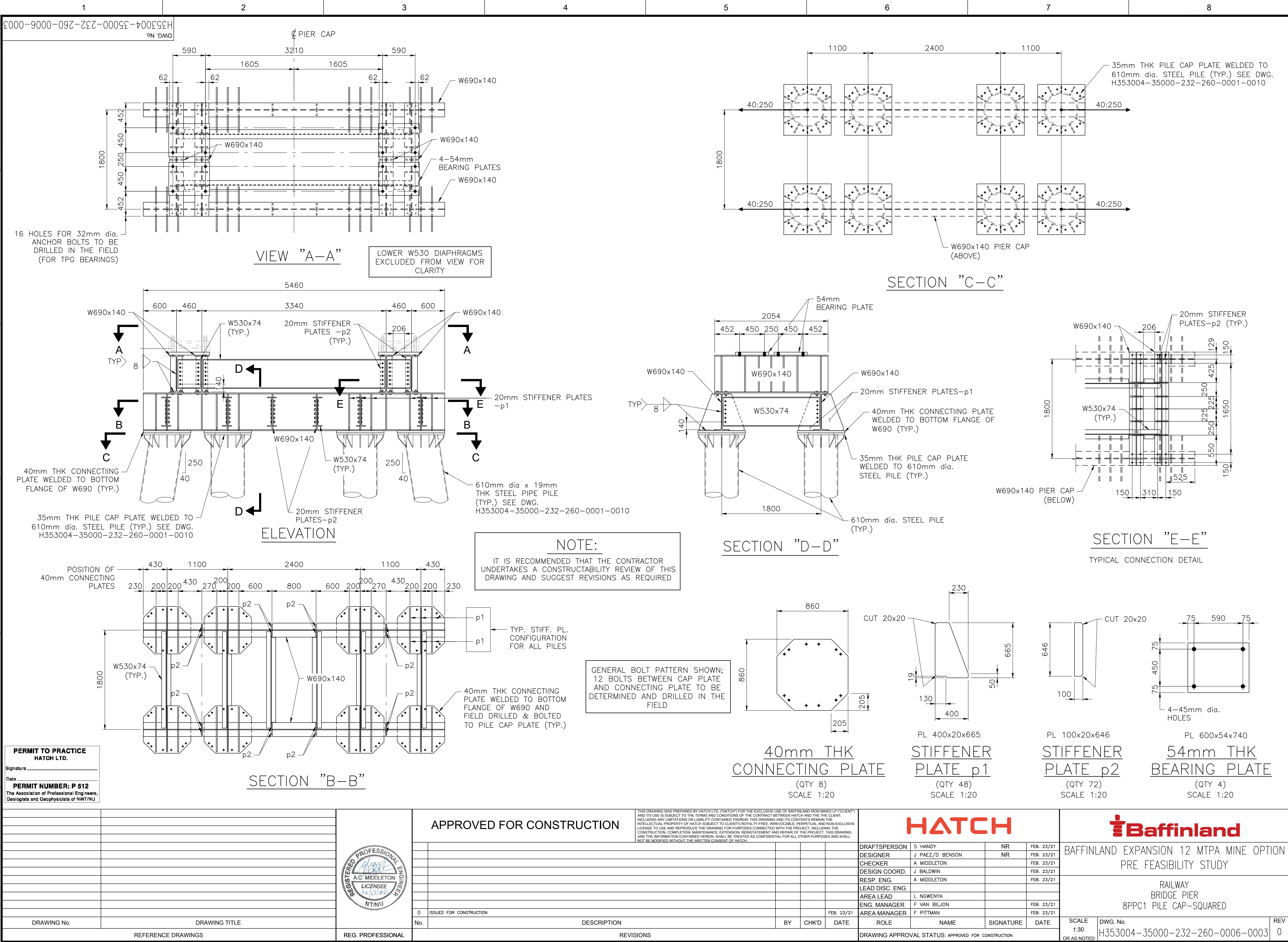
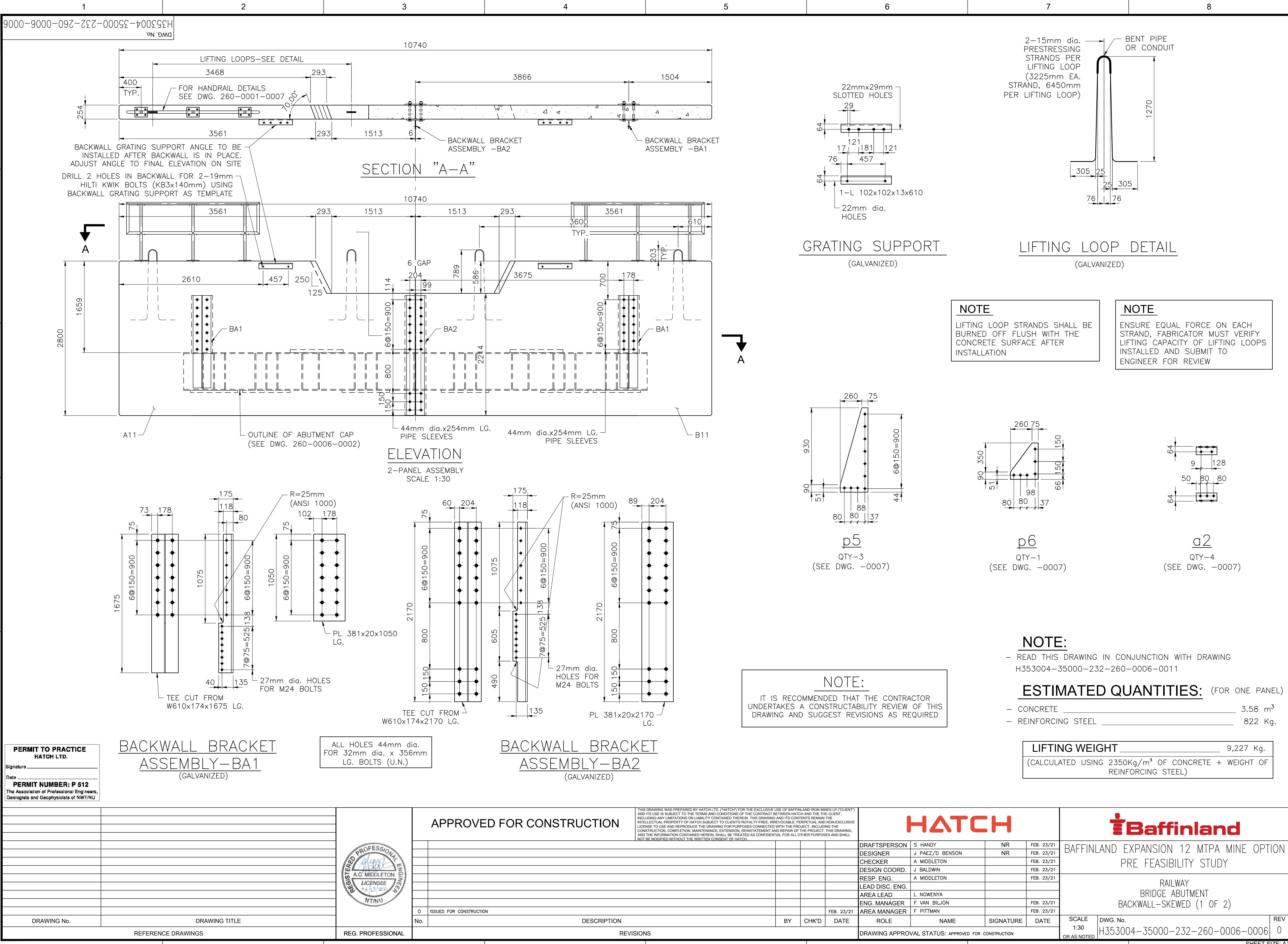
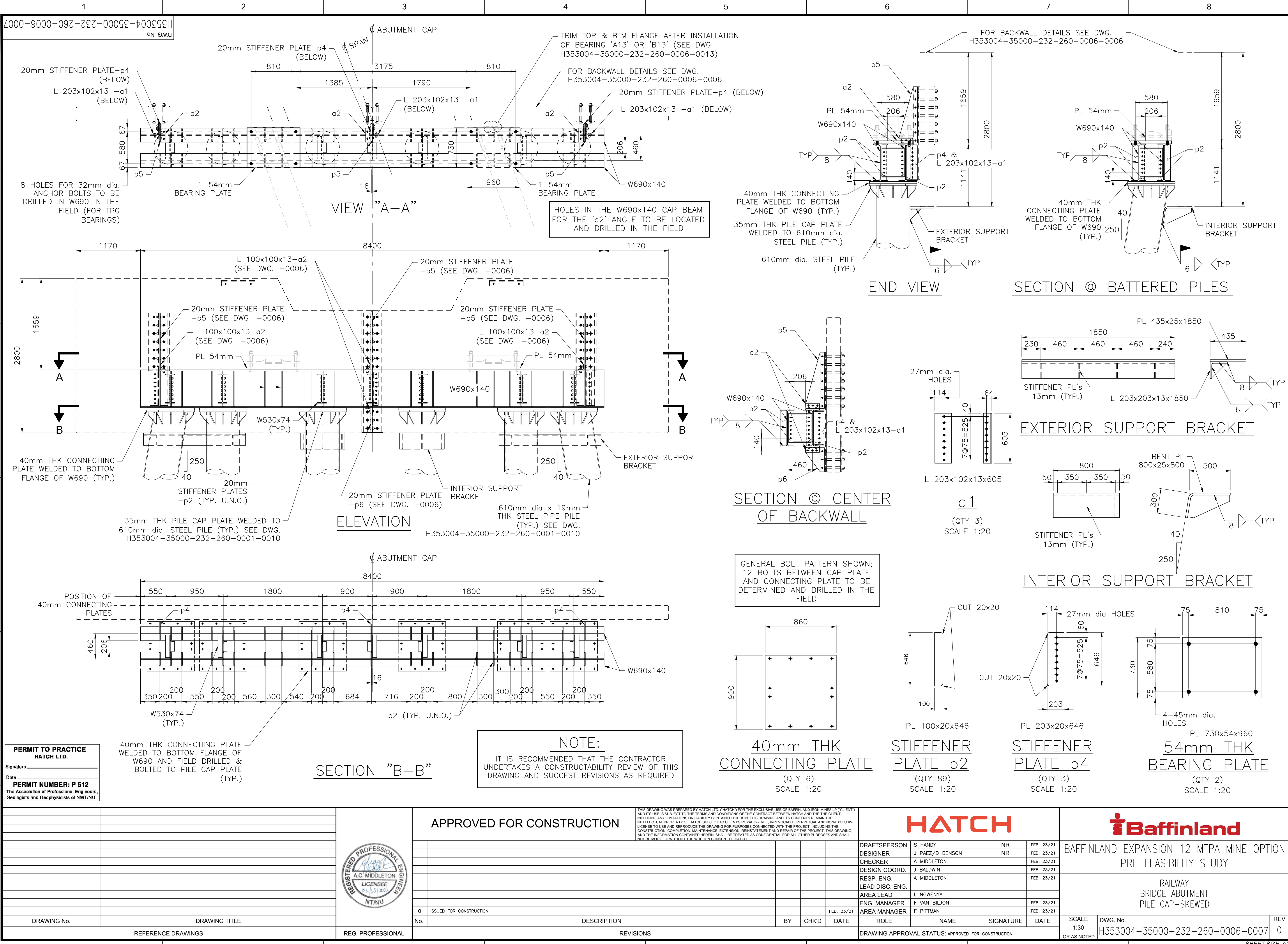


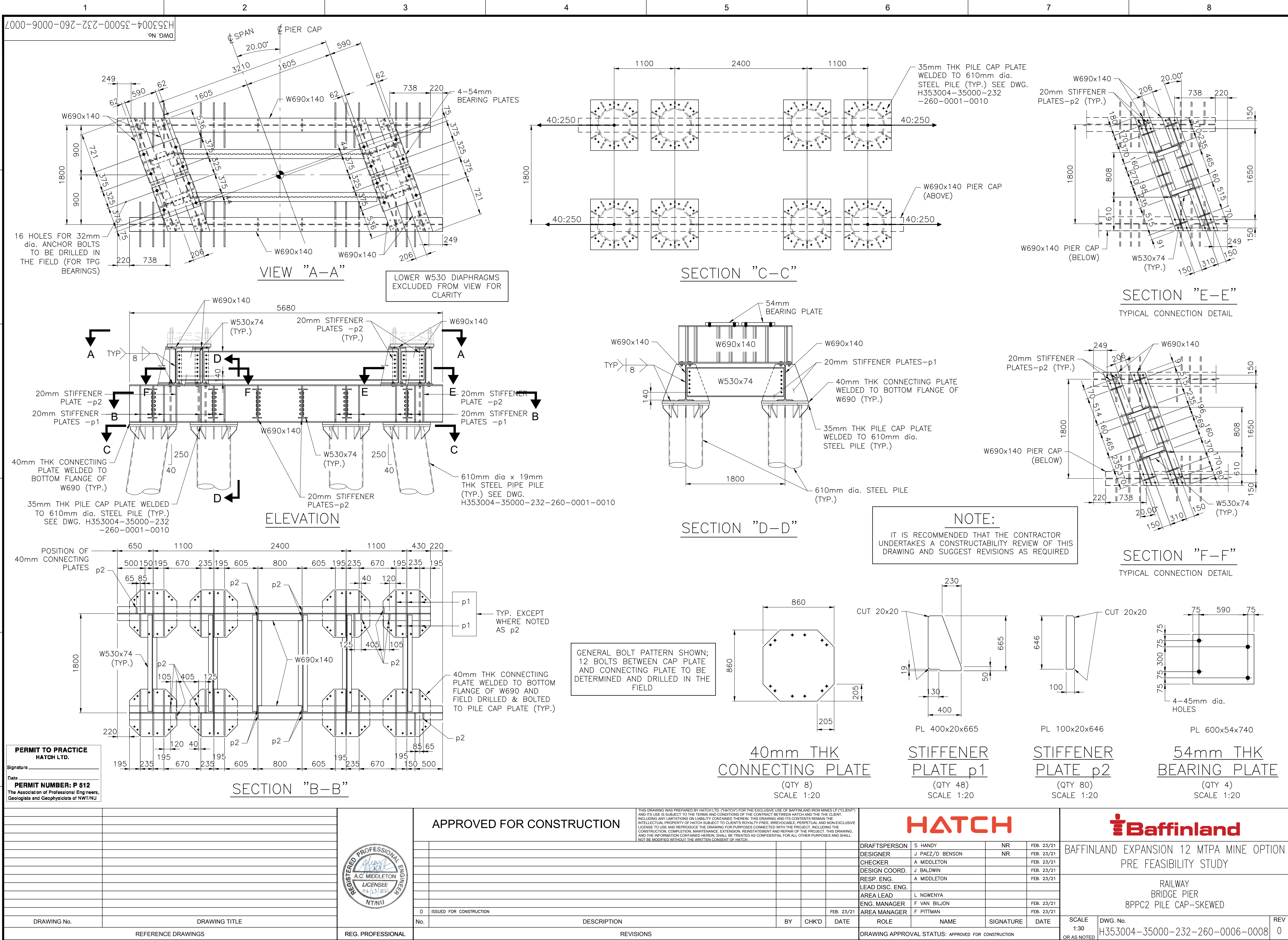












H353004-35000-232-260-0006-0008
DWG. No.

A

B

C

D

E

F

A

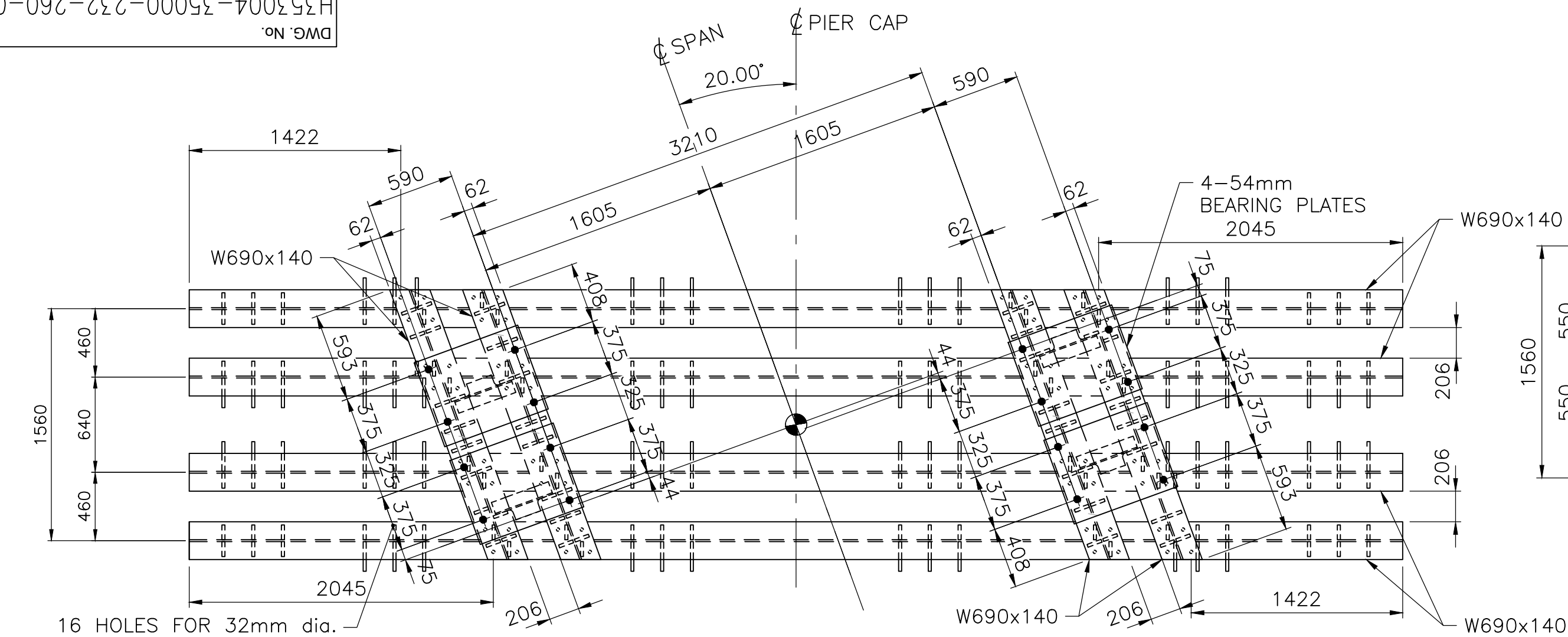
B

C

D

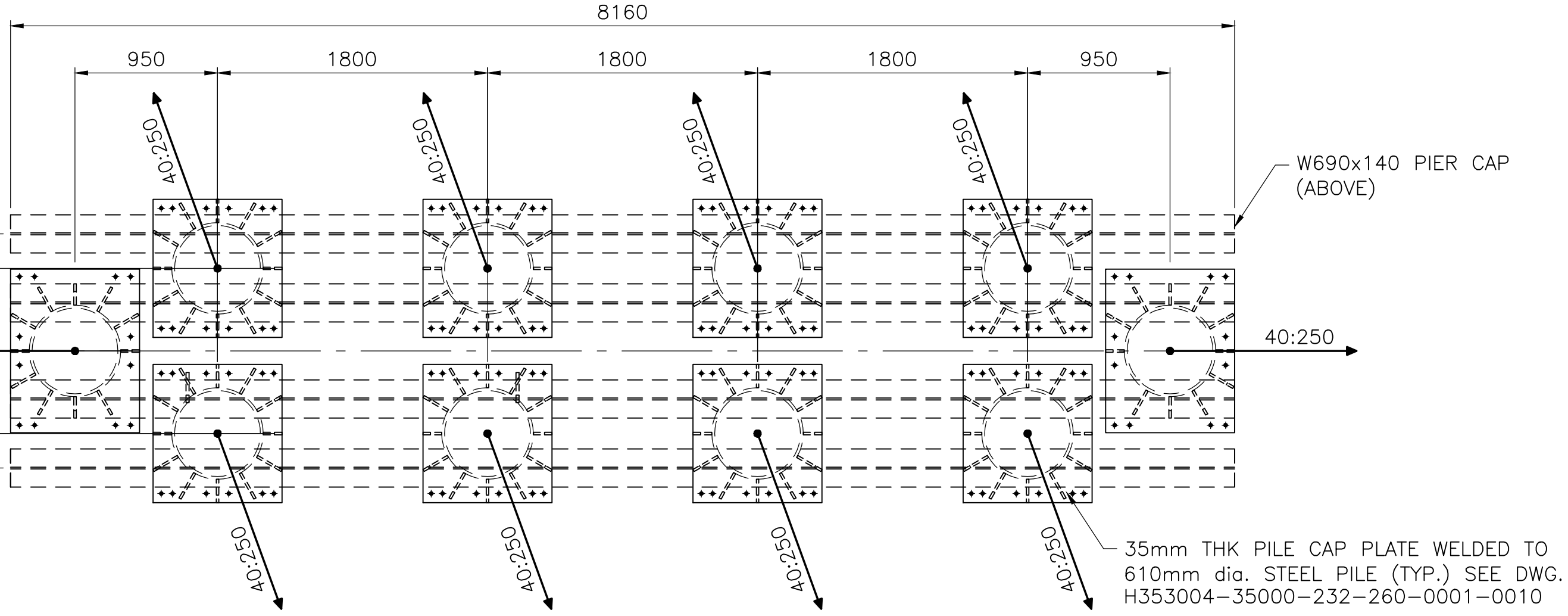
E

F

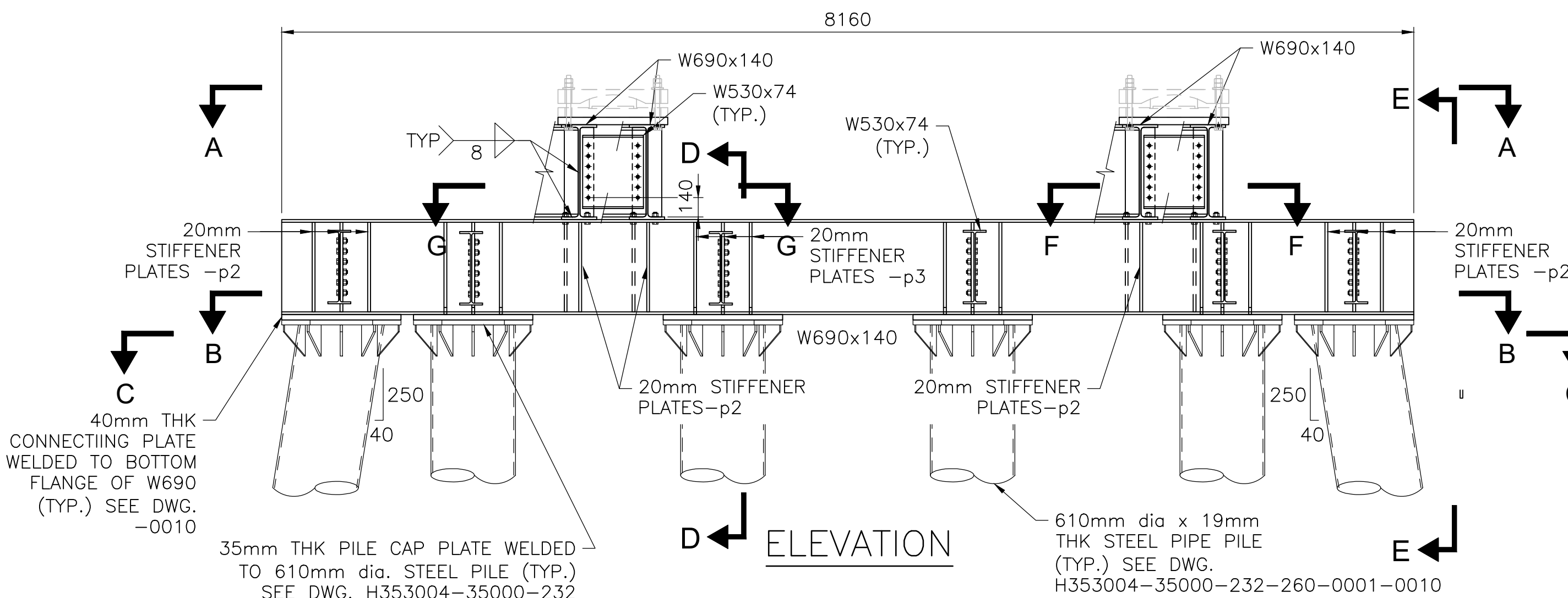


VIEW "A-A"

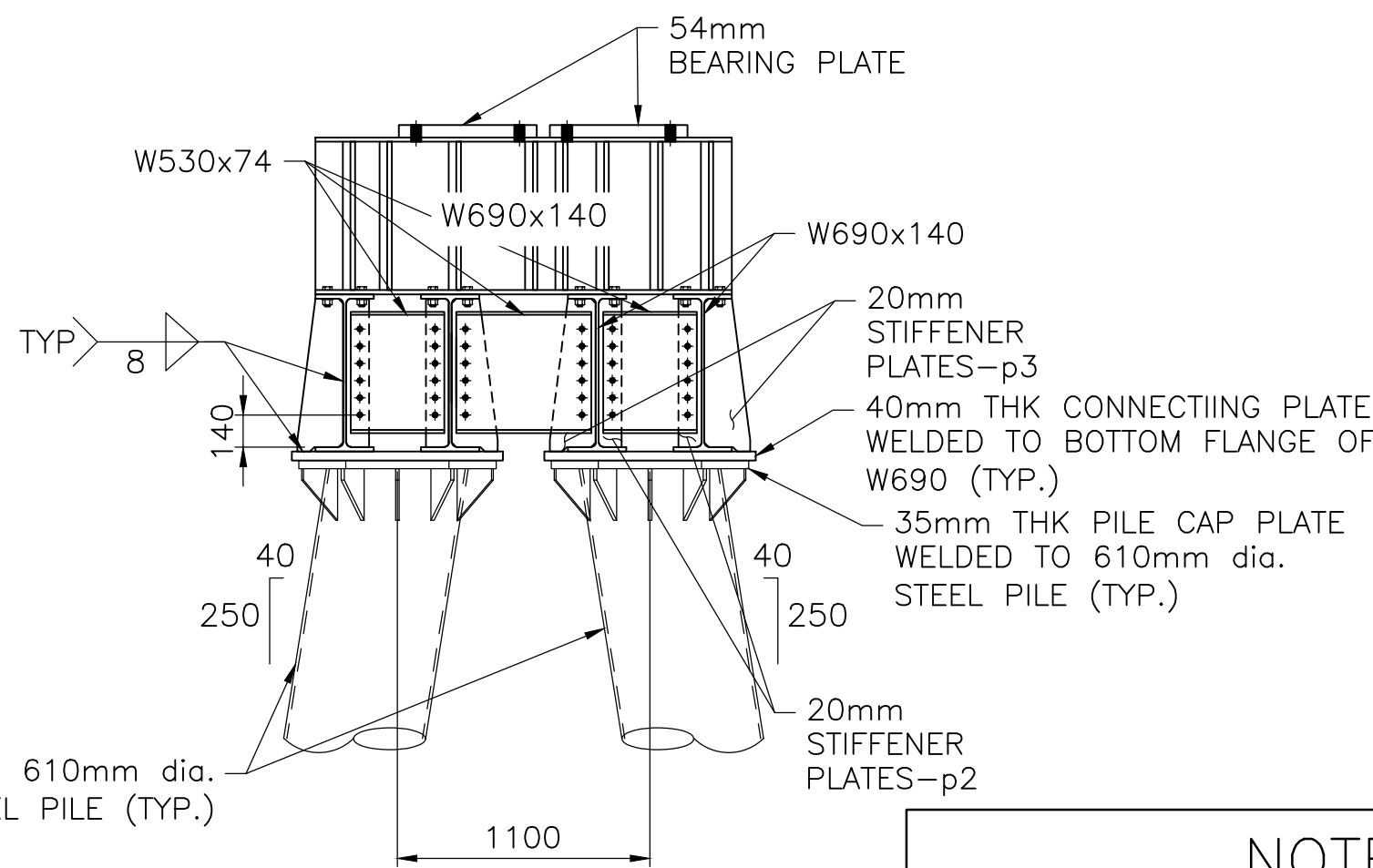
LOWER W530 DIAPHRAGMS
EXCLUDED FROM VIEW FOR
CLARITY



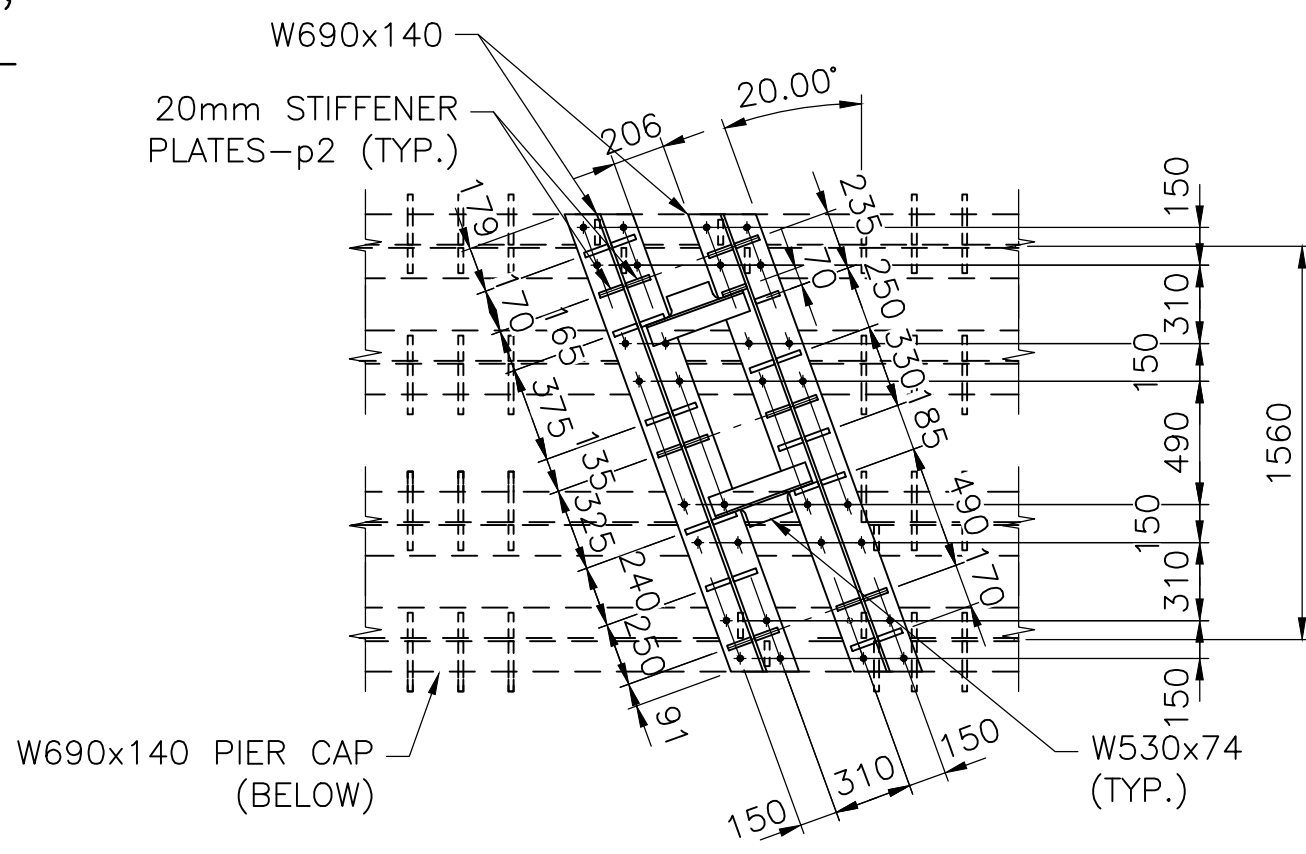
SECTION "C-C"



ELEVATION



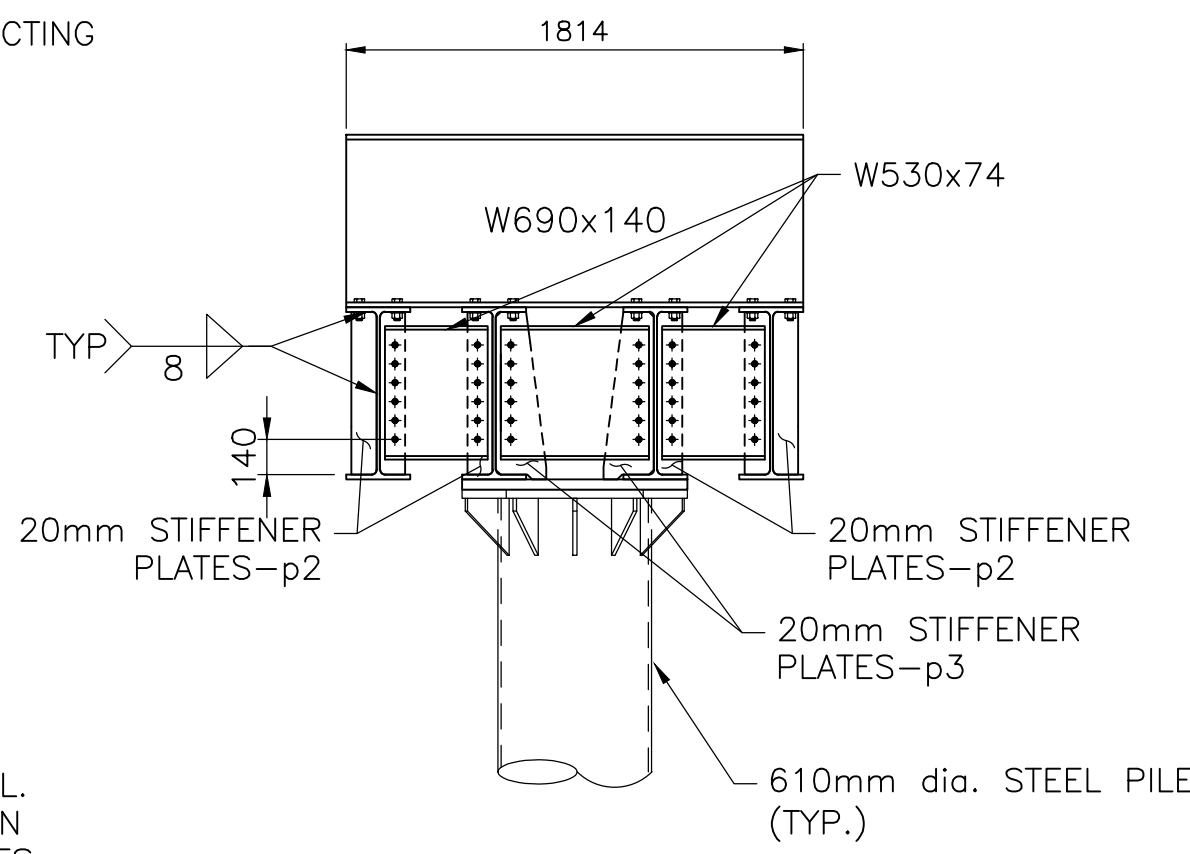
SECTION "D-D"



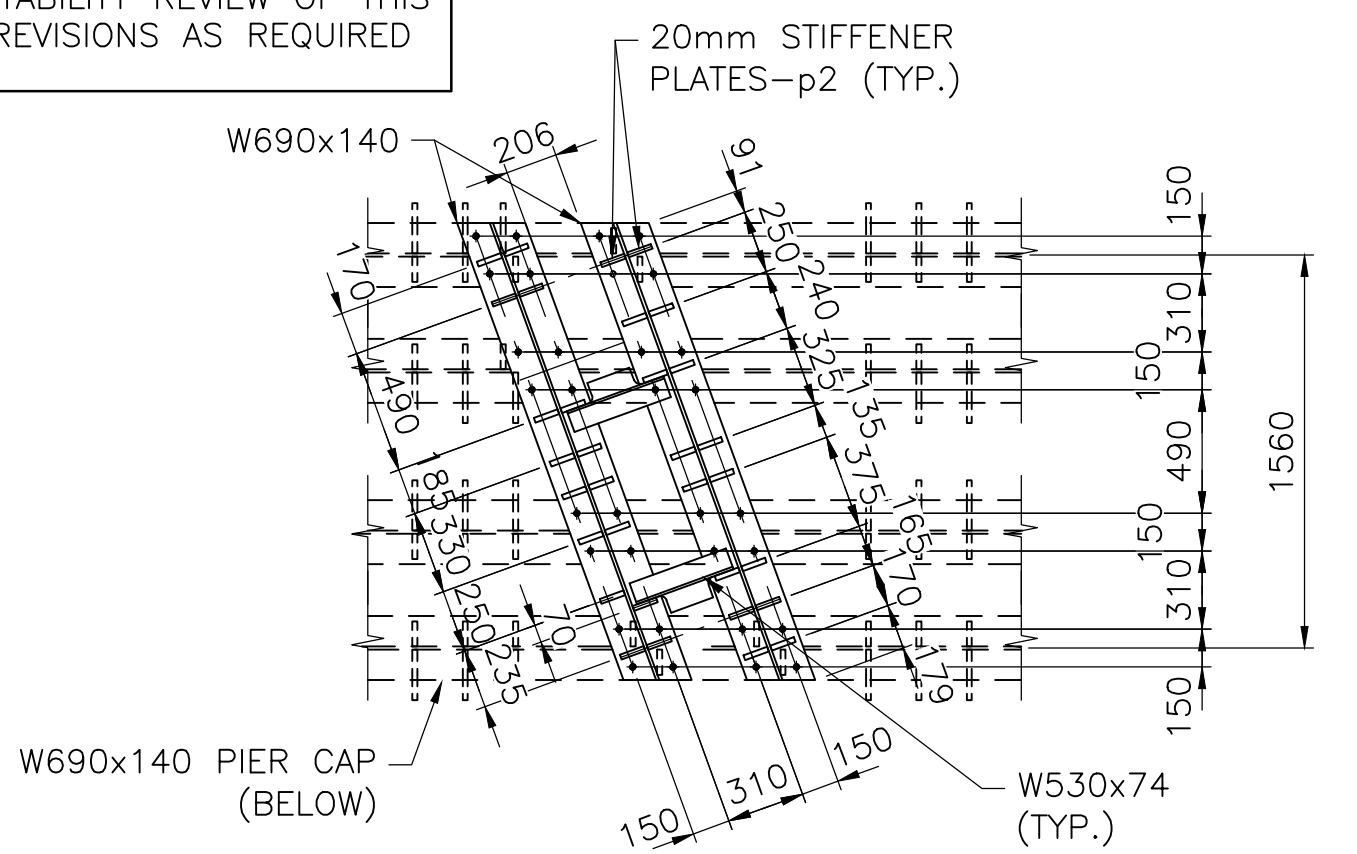
SECTION "F-F"

TYPICAL CONNECTION DETAIL

NOTE:
IT IS RECOMMENDED THAT THE CONTRACTOR
UNDERTAKES A CONSTRUCTABILITY REVIEW OF THIS
DRAWING AND SUGGEST REVISIONS AS REQUIRED



SECTION "E-E"



SECTION "G-G"

TYPICAL CONNECTION DETAIL

PERMIT TO PRACTICE
HATCH LTD.
Signature _____
Date _____
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NNU

SECTION "B-B"

APPROVED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. ("HATCH") FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP ("CLIENT") AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT. INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S ROYALTY-FREE, IRREVOCABLE, PERPETUAL AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING, AND THE INFORMATION CONTAINED HEREIN, SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

HATCH

Baffinland

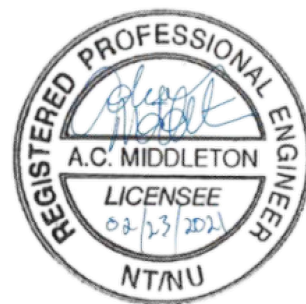
DRAFTSPERSON	S. HANDY	NR	FEB. 23/21
DESIGNER	J. PAEZ/D. BENSON	NR	FEB. 23/21
CHECKER	A. MIDDLETON		FEB. 23/21
DESIGN COORD.	J. BALDWIN		FEB. 23/21
RESP. ENG.	A. MIDDLETON		FEB. 23/21
LEAD DISC. ENG.			
AREA LEAD	L. NGWENYA		
ENG. MANAGER	F. VAN BILJON		FEB. 23/21
AREA MANAGER	F. PITTMAN		FEB. 23/21
ROLE	NAME	SIGNATURE	DATE

BAFFINLAND EXPANSION 12 MTPA MINE OPTION
PRE FEASIBILITY STUDY

RAILWAY
BRIDGE PIER
10PPC2 PILE CAP-SKEWED (1 OF 2)

SCALE 1:30 OR AS NOTED
DWG. No. H353004-35000-232-260-0006-0009
REV 0

DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	



REG. PROFESSIONAL

No.	ISSUED FOR CONSTRUCTION	DESCRIPTION	BY	CHK'D	DATE
0	ISSUED FOR CONSTRUCTION				FEB. 23/21

REVISIONS

DRAWING APPROVAL STATUS: APPROVED FOR CONSTRUCTION

SUBMITTALS
STIMES
FILES

SHEET SIZE: A1

A

B

C

D

E

F

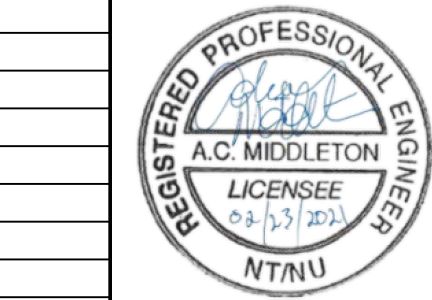
1-B1508, 1-B1509,
1-B1510, 1-B1511@150
c/c (E.F., TOP TO BTM)

4-B1502 @ 150 c/c

15-B1502@150 c/c
(EA.END)
15-B2507@150 c/c
(E.F.)

ONE-A11
(SHOWING REINFORCING)

ONE-B11
(SHOWING REINFORCING)



PERMIT TO PRACTICE
HATCH LTD.
Signature _____
Date _____
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

26-B1501@140 c/c (T&B)
26-B1506@140 c/c (E.F.)

4-B1512 @ 150 c/c

8-B1501@200 c/c (T&B)
8-B1504@200 c/c (E.F.)

2-B1503

1-B1501 (T&B)
1-B1505 (E.F.)

26-B1501@140 c/c (T&B)
26-B1506@140 c/c (E.F.)

4-B1512 @ 150 c/c

8-B1501@200 c/c (T&B)
8-B1504@200 c/c (E.F.)

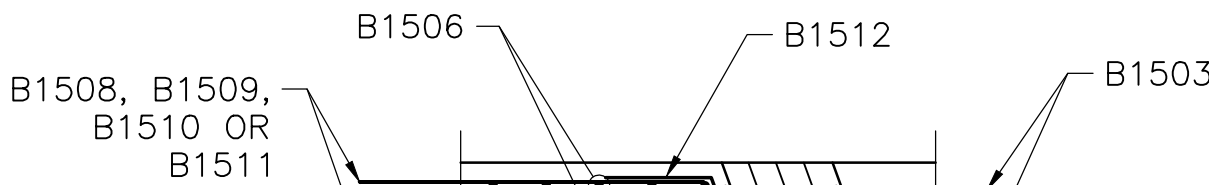
2-B1503

1-B1508, 1-B1509,
1-B1510, 1-B1511@150
c/c (E.F., TOP TO BTM)

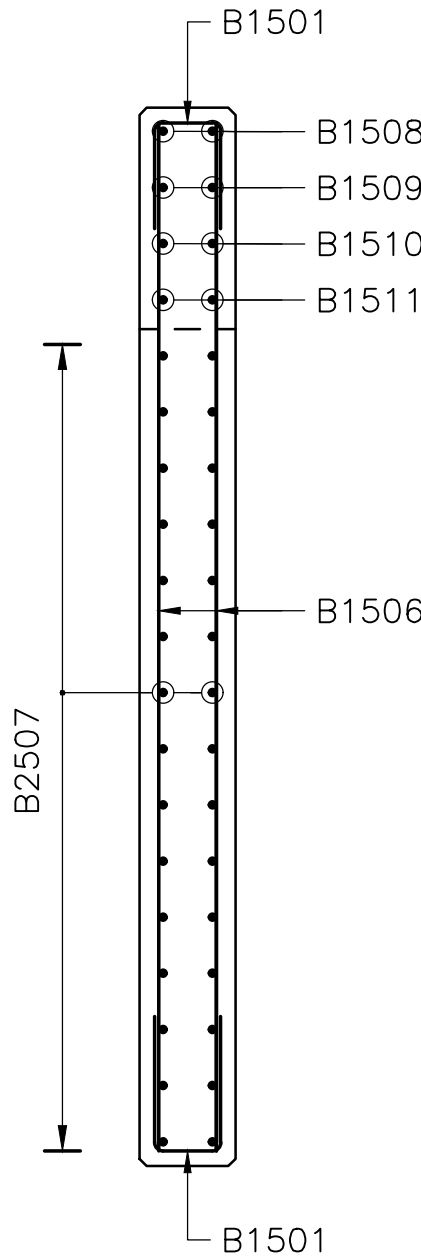
4-B1502 @ 150 c/c

1-B1501 (T&B)
1-B1505 (E.F.)

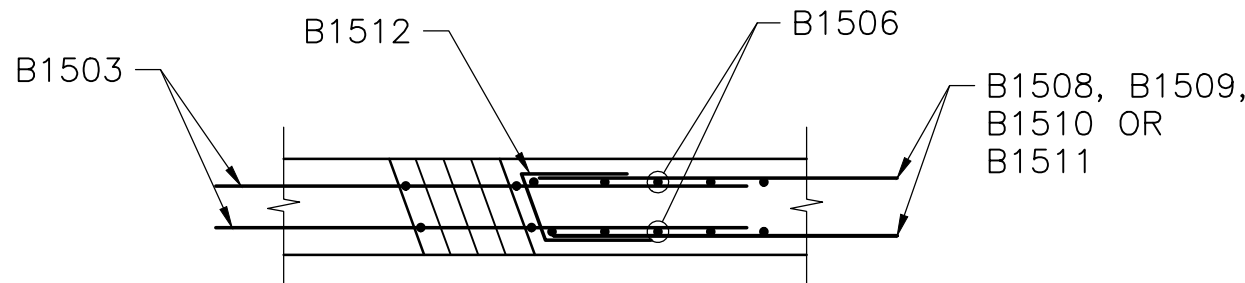
15-B1502@150 c/c
(EA.END)
15-B2507@150 c/c
(E.F.)



SECTION "B-B"



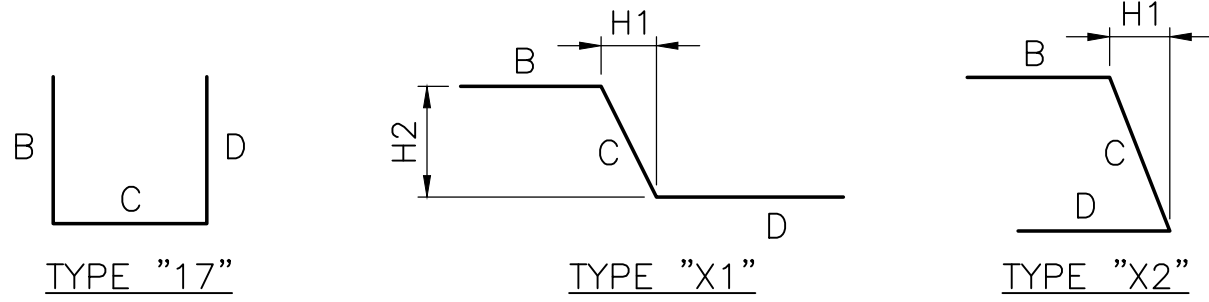
SECTION "C-C"



SECTION "D-D"

REINFORCING BAR LIST (PANEL A11)

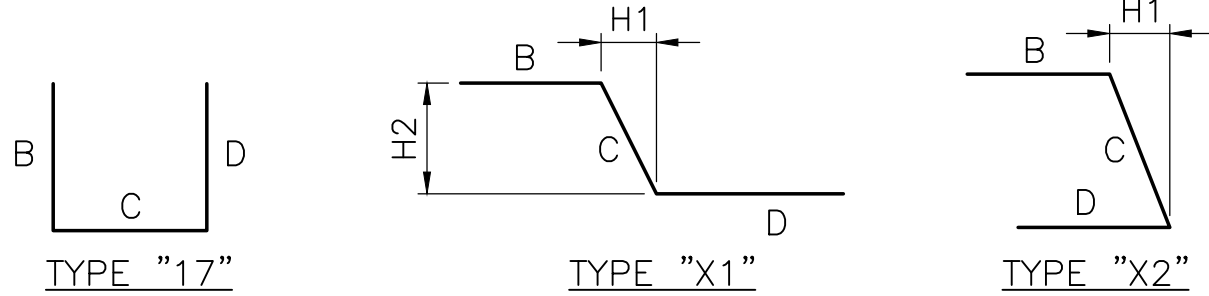
QUANT	SIZE	LENGTH	MARK	TYPE	B	C	D	H1	H2
70	15M	1395	B1501	17	610	175	610		
34	15M	1365	B1502	17	610	145	610		
2	15M	2685	B1503	X1	610	655	1420	586	293
16	15M	2135	B1504	STRAIGHT BARS					
2	15M	2590	B1505	STRAIGHT BARS					
52	15M	2720	B1506	STRAIGHT BARS					
30	25M	5285	B2507	STRAIGHT BARS					
2	15M	3575	B1508	STRAIGHT BARS					
2	15M	3645	B1509	STRAIGHT BARS					
2	15M	3720	B1510	STRAIGHT BARS					
2	15M	3795	B1511	STRAIGHT BARS					
4	15M	1405	B1512	X2	610	185	610	63	



ALL DIMENSIONS ARE OUT TO OUT OF BARS

REINFORCING BAR LIST (PANEL B11)

QUANT	SIZE	LENGTH	MARK	TYPE	B	C	D	H1	H2
70	15M	1395	B1501	17	610	175	610		
34	15M	1365	B1502	17	610	145	610		
2	15M	2685	B1503	X1	610	655	1420	586	293
16	15M	2135	B1504	STRAIGHT BARS					
2	15M	2590	B1505	STRAIGHT BARS					
52	15M	2720	B1506	STRAIGHT BARS					
30	25M	5285	B2507	STRAIGHT BARS					
2	15M	3575	B1508	STRAIGHT BARS					
2	15M	3645	B1509	STRAIGHT BARS					
2	15M	3720	B1510	STRAIGHT BARS					
2	15M	3795	B1511	STRAIGHT BARS					
4	15M	1405	B1512	X2	610	185	610	63	



ALL DIMENSIONS ARE OUT TO OUT OF BARS

NOTE:

- READ THIS DRAWING IN CONJUNCTION WITH DRAWING
H353004-35000-232-260-0006-0006

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HATCH

Baffinland

DRAFTSPERSON	S. HANDY	NR	FEB. 23/21
DESIGNER	J. PAEZ/D. BENSON	NR	FEB. 23/21
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ENG. MANAGER	F. VAN BILJON		FEB. 23/21
AREA MANAGER	F. PITTMAN		FEB. 23/21

ROLE	NAME	SIGNATURE	DATE
DRAWING APPROVAL STATUS: APPROVED FOR CONSTRUCTION			

SCALE
1:30
OR AS NOTED

DWG. No.

H353004-35000-232-260-0006-0011

REV

0

SHEET SIZE: A1

SUBV. NAMES
STIMES
FILES