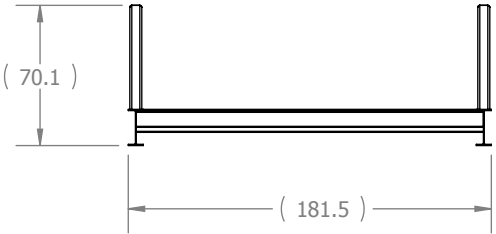
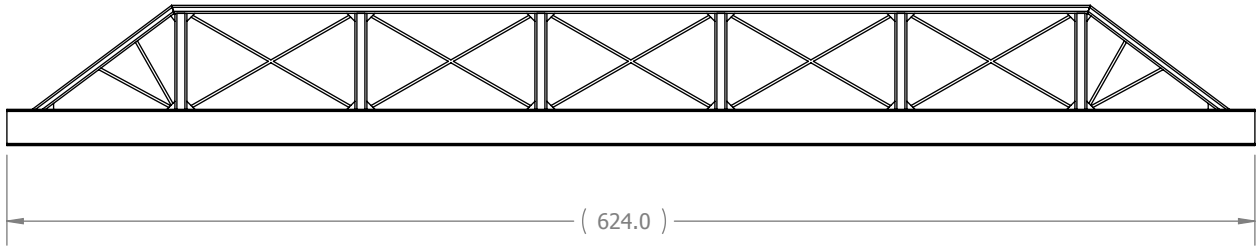
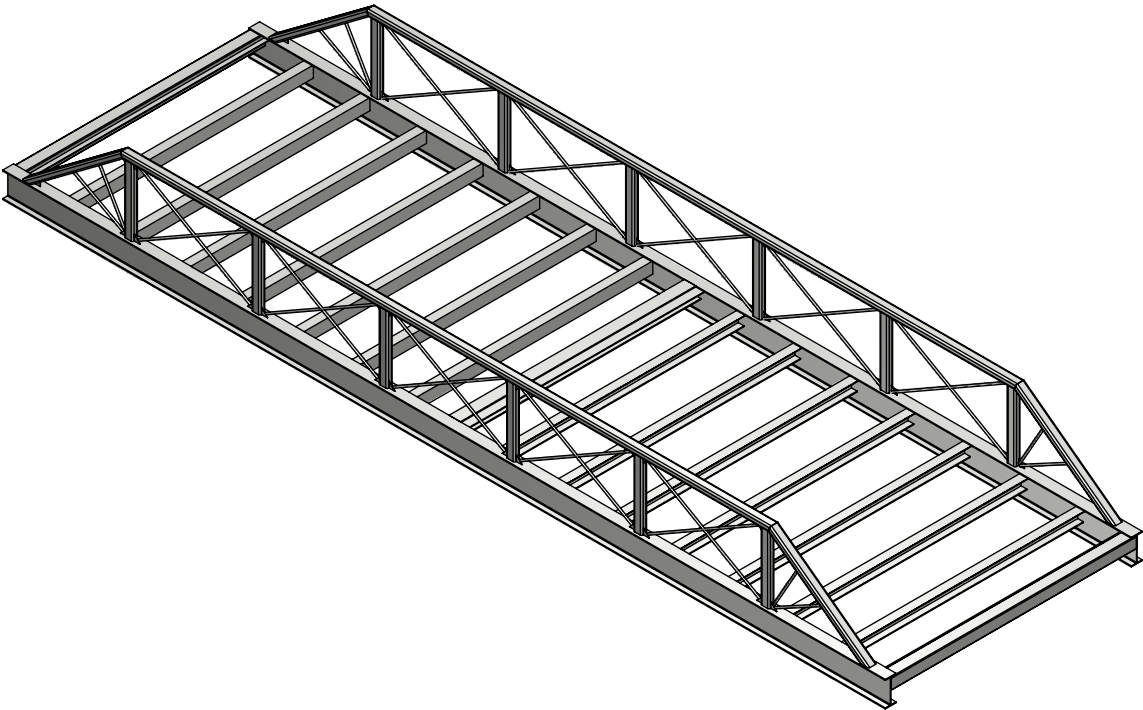
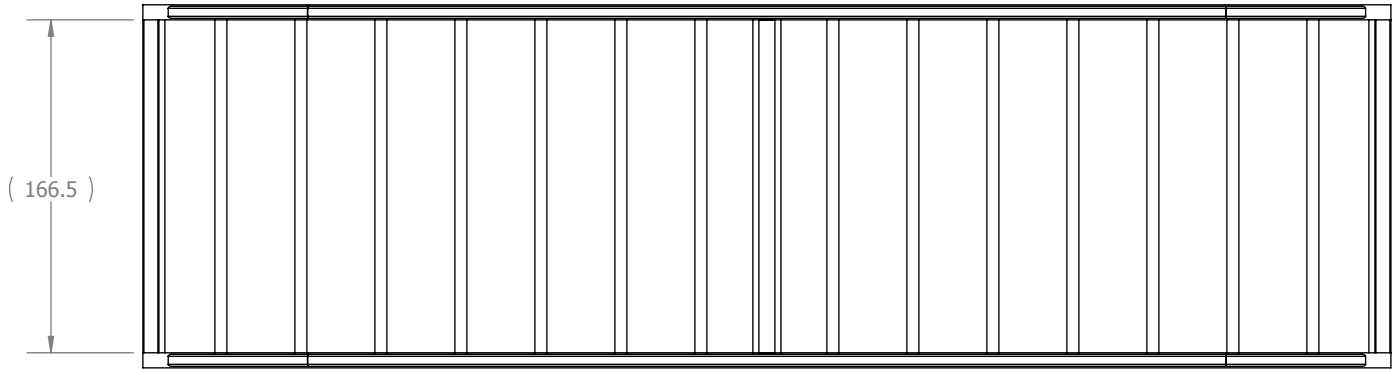
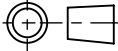


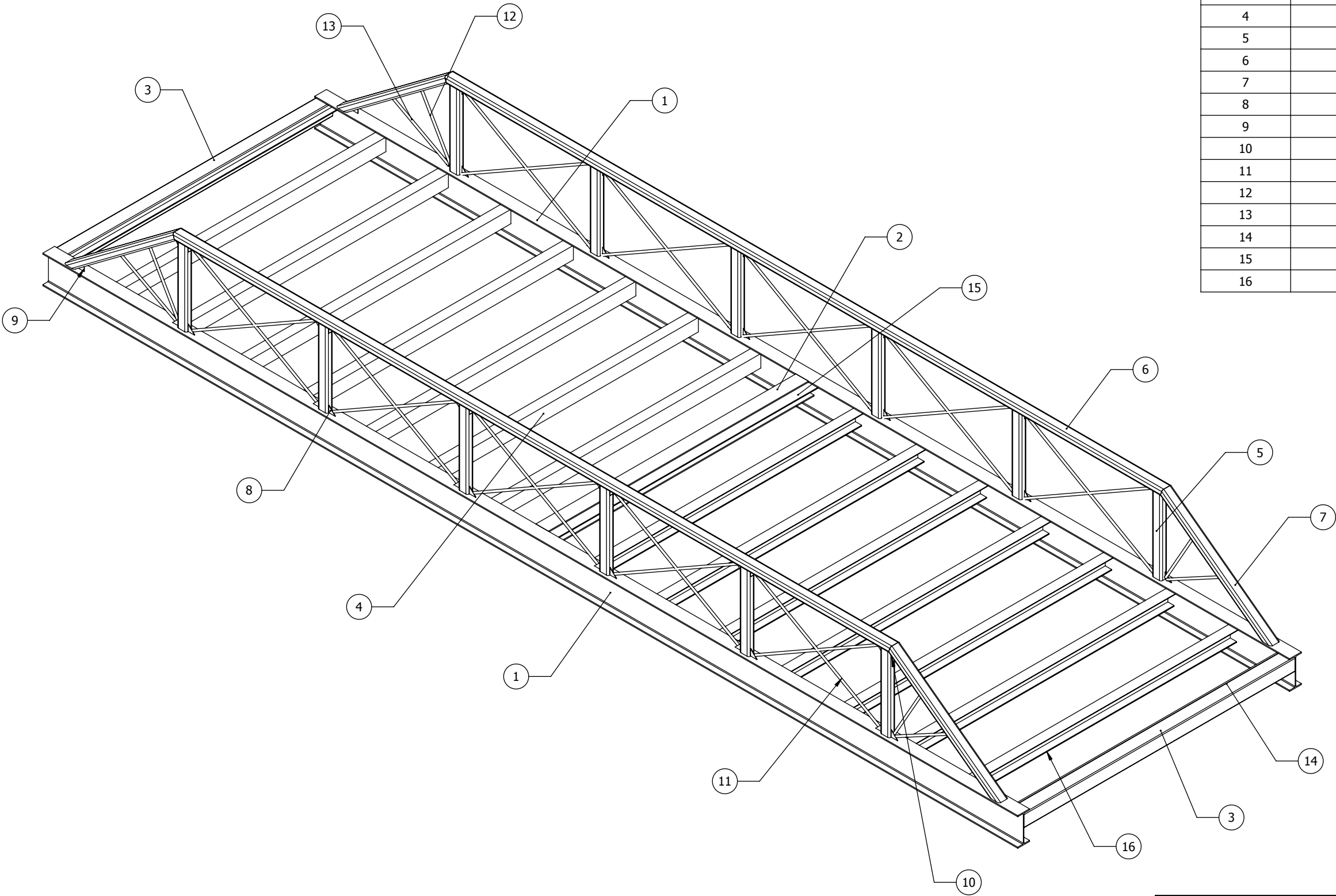
52 X 14.5 BRIDGE - STEEL



GENERAL NOTES:

- 1. MAIN BEAMS: W18X55 HSLA
- 2. MATERIAL: A36 STEEL OR EQUIVALENT
- 3. FACTOR OF SAFETY = 5

 Quinault Engineering 14 WEST QUINAULT ST., TAHOLAH, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 18644.35 LBS	DIM. UNITS INCHES TOL GROUP COARSE		← DIMENSION UNITS UNLESS OTHERWISE NOTED	
		X. ± 0.250 X.X ± 0.125 X.XX ± 0.060 X.XXX ± 0.015	X° ± 5 1/X ± 1/8	500/  THIRD ANGLE PROJECTION	
ALL INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO, AND SHALL BE USED OR DISTRIBUTED ONLY WITH THE WRITTEN PERMISSION OF, QUINAULT INDIAN NATION. PRINTED COPIES OF THIS DOCUMENT ARE FOR REFERENCE ONLY.		BREAK ALL EDGES .005-.035 MAX FILLET RADIUS 0.035			
BRIDGES		USED ON DWG: -			
52 x 14.5 Bridge - STEEL		MODEL FILENAME: 52X146STEEL MODEL REV: A DWG FILENAME: 52X146STEEL			
DRAWING NO. 52X146STEEL		DATE: NPW DRAWN: Engineer SCALE: 1:96 SHEET: 8 OF 3			
		REVISION LET CHECK IN: A			



ITEM NO.	Description	QTY.	Weight
1	W18x55	2	2848.00
2	W10x45	1	638.68
3	TS8x8x0.25	2	371.27
4	L8x6x0.5	14	327.60
5	TR6x4x0.5	12	113.03
6	TR6x4x0.5	2	1078.43
7	TR6x4x0.5	4	196.86
8	.250in thick	44	0.56
9	.250in thick	4	0.42
10	.250in thick	4	0.28
11	#10 ReBar	20	34.54
12	#10 ReBar	4	13.20
13	#10 ReBar	4	14.51
14	.500in thick	2	73.38
15	.500in thick	2	167.19
16	.500in thick	14	97.84



Quinault Engineering

14 WEST QUINAULT ST., TAHOLAH, WA 98587

ph (360) 276-8215 fax (360) 276-4191

WEIGHT:

18644.35

LBS

DIM. UNITS

INCHES

TOL. GROUP

COARSE

X. ±

0.250

X.X ±

0.125

X.XX ±

0.060

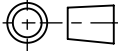
X.XXX ±

0.015

X°±5

1/X ±1/8

500



THIRD ANGLE PROJECTION

BREAK ALL EDGES .005-.035

MAX FILLET RADIUS 0.035

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BRIDGES

52 x 14.5 Bridge - STEEL

USED ON DWG: -

MODEL FILENAME

52X146STEEL

MODEL REV

A

DWG FILENAME

52X146STEEL

DRAWN

Engineer

CHECK

NPW

DATE

1:50

SHEET

8

REVISION LET CHECK IN #

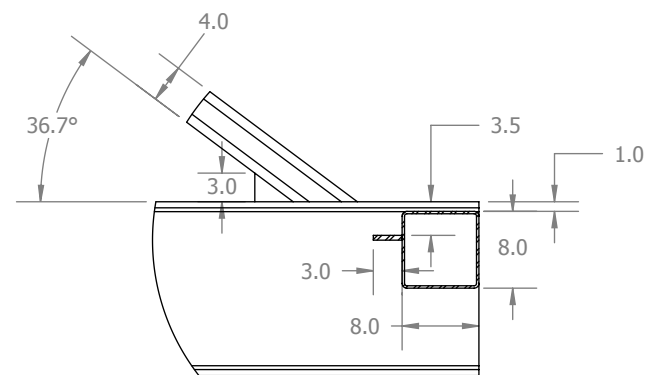
SHEET 2 OF 3

DRAWING NO.

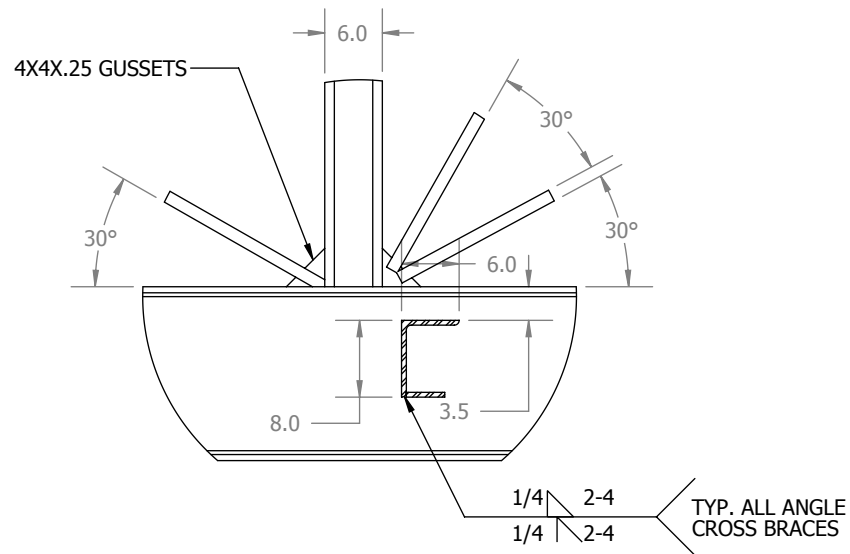
52X146STEEL

A

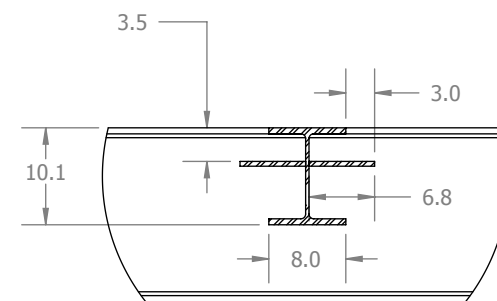
MFG IGNORE CHECK IN #



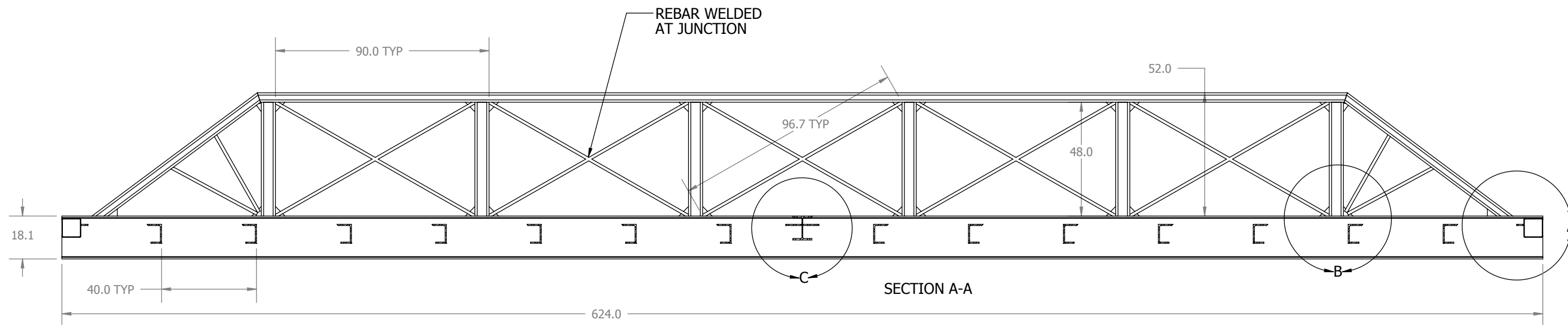
DETAIL A
SCALE 1 : 20



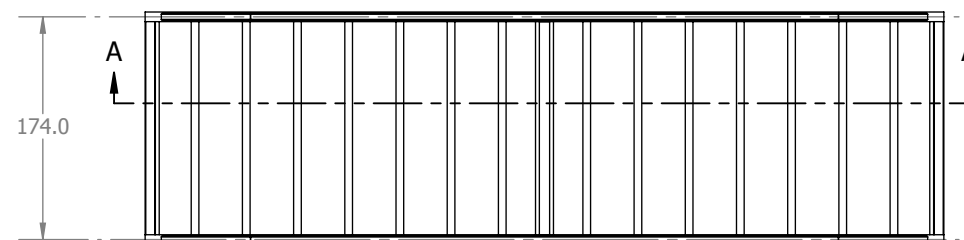
DETAIL B
SCALE 1 : 20



DETAIL C
SCALE 1 : 20



SECTION A-A



WELD AS PER BEST
SHOP PRACTICE

Quinault Engineering  14 WEST QUINAULT ST. TAHOLAH, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 18644.35 LBS	DIM. UNITS INCHES TOL. GROUP COARSE		◀ DIMENSION UNITS UNLESS OTHERWISE NOTED 500/-  THIRD ANGLE PROJECTION	
		X. ± 0.250 X.X ± 0.125 X.XX ± 0.060 X.XXX ± 0.015 X°±5 1/X ±1/8		BREAK ALL EDGES .005-.035 MAX FILLET RADIUS 0.035	
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BRIDGES 52 x 14.5 Bridge - STEEL		USED ON DWG: - MODEL FILENAME: 52X146STEEL MODEL REV: A DRAW FILENAME: 52X146STEEL ENGINE: NPW DRAWN: Engineer 1:45 SIZE: B SHEET: 8 SHEET 3 OF 3 DRAWING NO. 52X146STEEL REVISION LET CHECK-IN # A MFG IGNORE CHECK-IN #			