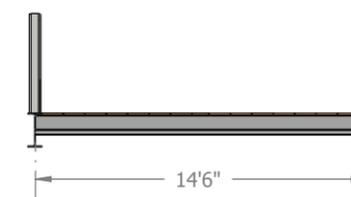
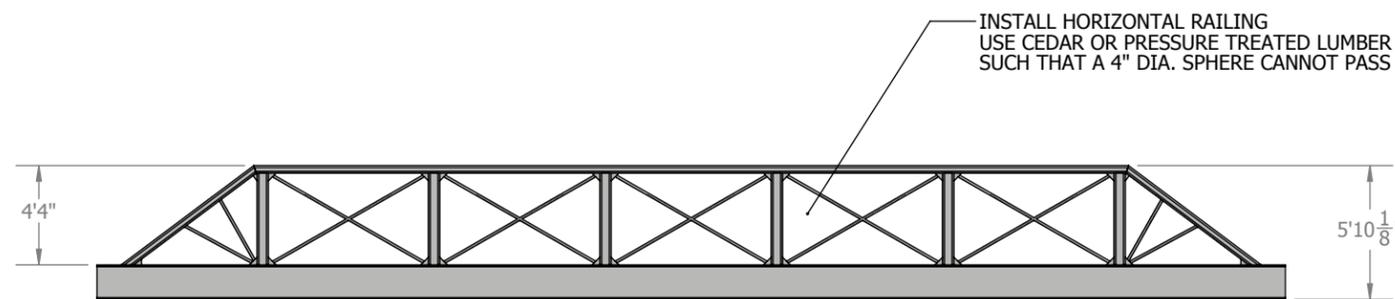
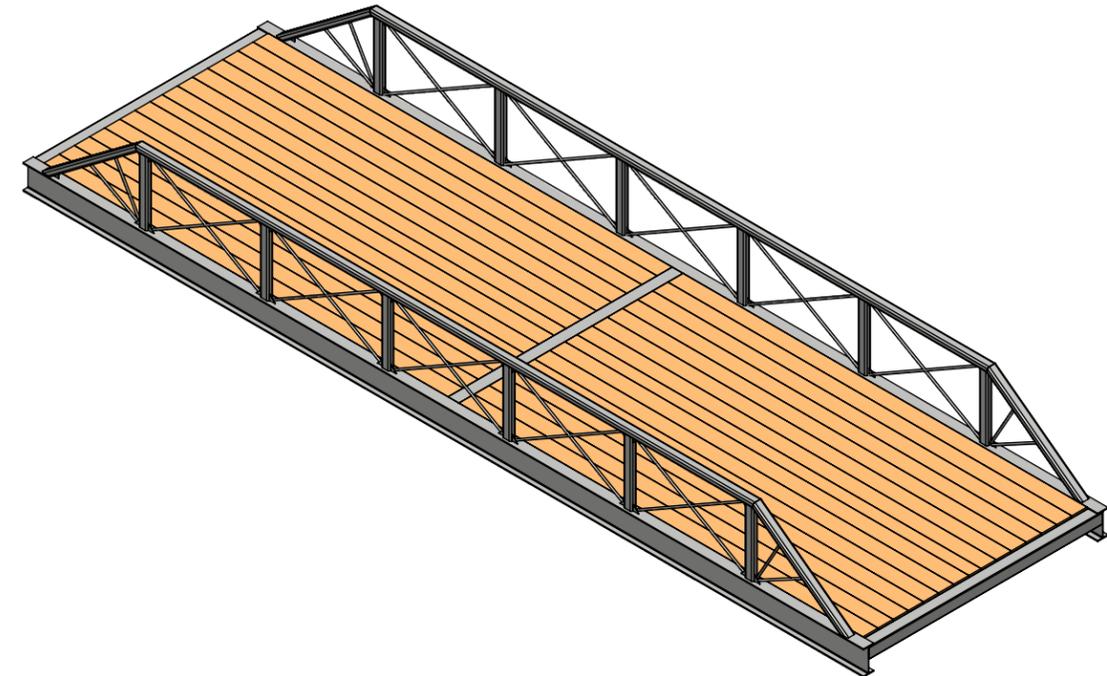
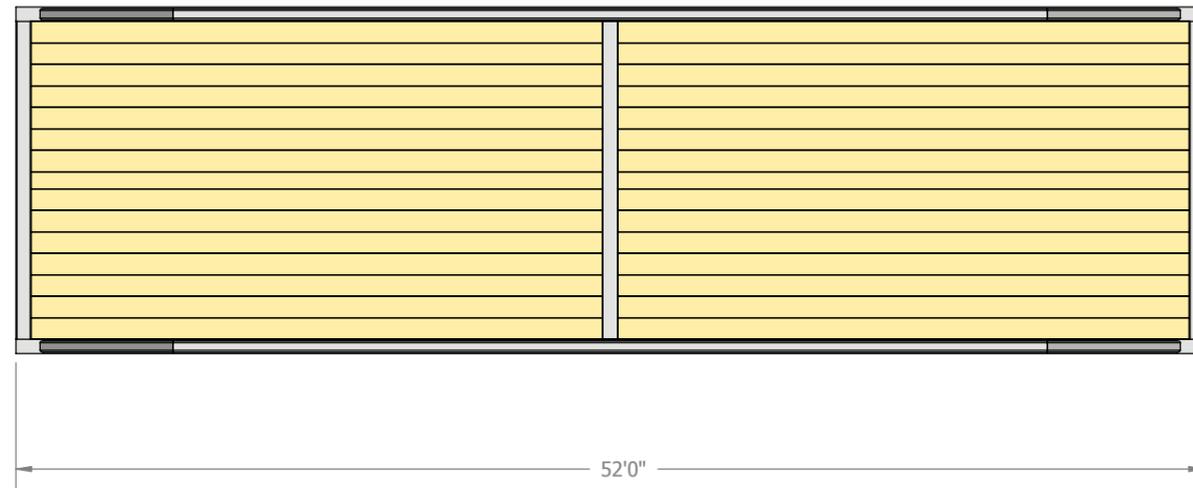


52 x 14.5 STEEL BRIDGE

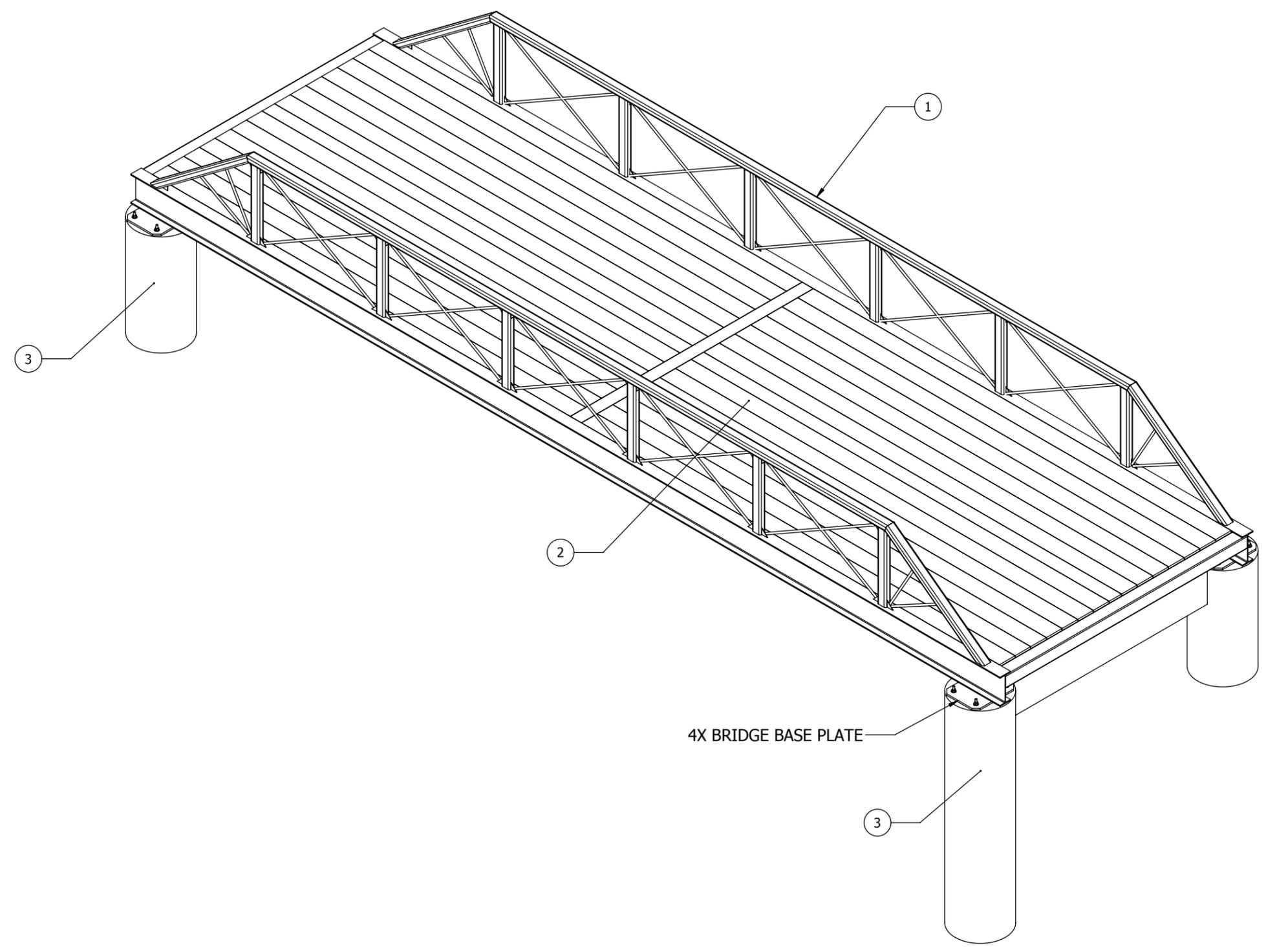


GENERAL NOTES:

1. MAIN BEAMS: W18X55 HSLA
2. MATERIAL: A36 STEEL OR EQUIVALENT
3. FACTOR OF SAFETY = 5 @ 20,000 GWW

Quinault Engineering 14 WEST QUINAULT ST. TAHOLA, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 24580.075 LBS	DIM UNITS INCHES TOL GROUP COARSE	DIMENSION UNITS UNLESS OTHERWISE NOTED 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.		X. ± 0.250 X.X ± 0.125 X.XX ± 0.060 X.XXX ± 0.015	BREAK ALL EDGES .005-.035 MAX FILLET RADIUS 0.035 X°±5 1/X ± 1/8
BRIDGES 52 X 14.5 Bridge Assembly		USED ON DWG: - MODEL FILENAME 52X146BRIDGE	MODEL REV A	DRAW FILENAME 52X146BRIDGE
		DATE NPW	SCALE 1:96	SHEET B
		DRAWING NO. 52X146BRIDGE		SHEET SHEET 1 OF 5
				REVISION LET CHECK-IN A

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	52X146STEEL	52 x 14.5 Bridge - STEEL	1
2	52X146WOOD	52 X 14.5 Bridge - Wood Deck	1
3	52X146ABUTMENT	52 x 14.5 Bridge Abutment	1

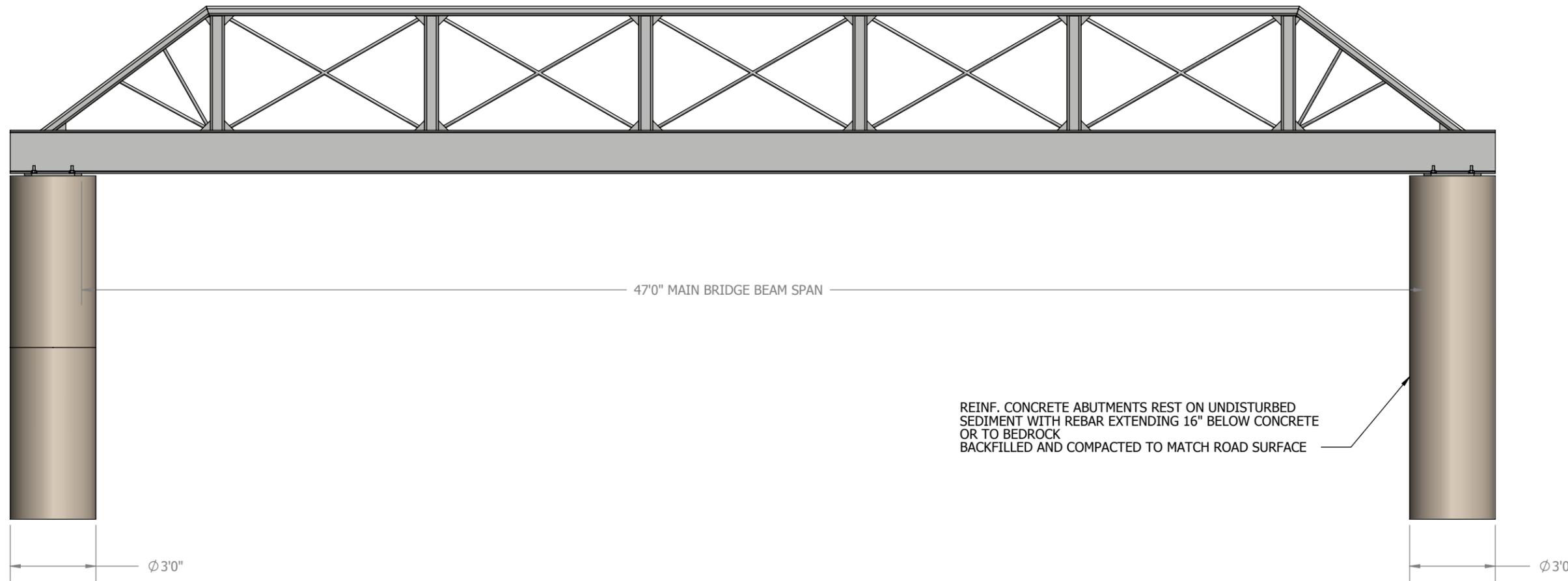


BRIDGE MOUNTING NOTES:

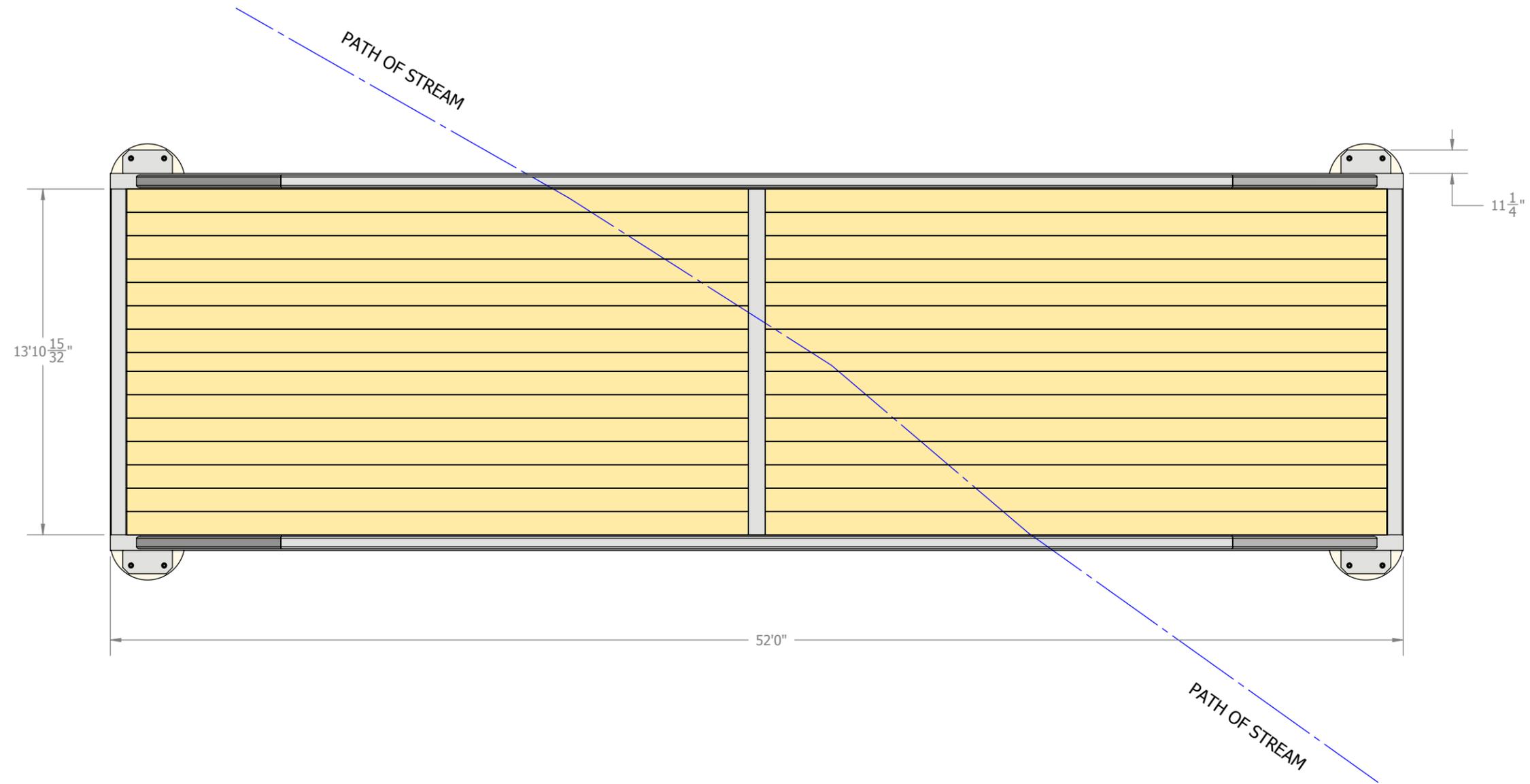
1. SECURE BASE PLATES TO ABUTMENTS WITH ANCHOR BOLTS, HEX NUTS AND WASHERS
2. MOUNT BRIDGE ON BASEPLATES AND CENTER UP AND SHIM AS REQUIRED
3. WELD BRIDGE (AND SHIMS) TO BASEPLATES AS PER BEST SHOP PRACTICE
4. BACKFILL AND COMPACT ROAD BASE TO BRIDGE SURFACE

NOTE: REBAR NOT SHOWN FOR CLARITY

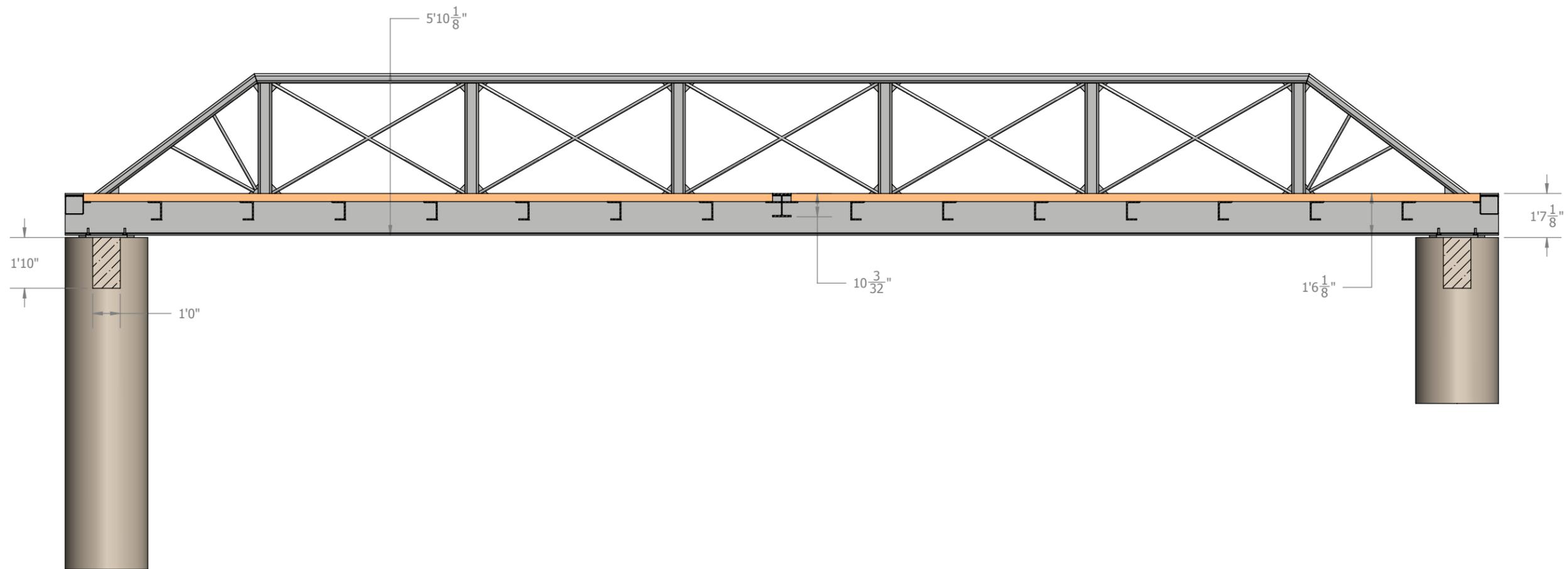
Quinault Engineering 14 WEST QUINAULT ST., TAHOLA, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 24580.075 LBS	DIM. UNITS: INCHES TOL. GROUP: COARSE DIMENSION UNITS UNLESS OTHERWISE NOTED	500/— THIRD ANGLE PROJECTION
	ALL INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO, AND SHALL BE USED OR DISTRIBUTED ONLY WITH THE WRITTEN PERMISSION OF, QUINAULT INDIAN NATION. PRINTED COPIES OF THIS DOCUMENT ARE FOR REFERENCE ONLY.	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
BRIDGES 52 X 14.5 Bridge Assembly		USED ON DWG: - MODEL FILENAME: 52X146BRIDGE TITLE: NPW SCALE: 1:60 SHEET: B SHEET 2 OF 5	MODEL REV: A DRAW FILENAME: 52X146BRIDGE REVISION LET CHECK-IN: A
DRAWING NO. 52X146BRIDGE		A <small>MFG IGNORE CHECK IN</small>	



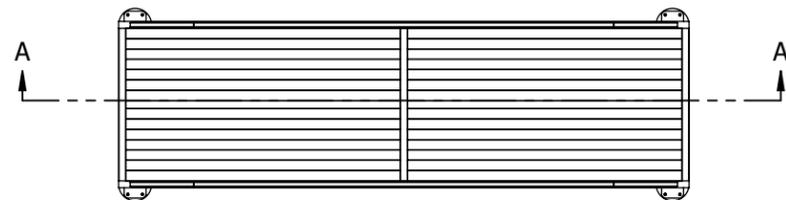
Quinault Engineering 14 WEST QUINAULT ST., TAHOLA, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 24580.075 LBS	DIM. UNITS INCHES TOL. GROUP COARSE	DIMENSION UNITS UNLESS OTHERWISE NOTED 500/- THIRD ANGLE PROJECTION
	ALL INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO, AND SHALL BE USED OR DISTRIBUTED ONLY WITH THE WRITTEN PERMISSION OF, QUINAULT INDIAN NATION. PRINTED COPIES OF THIS DOCUMENT ARE FOR REFERENCE ONLY.	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
BRIDGES 52 X 14.5 Bridge Assembly	USED ON DWG: - MODEL FILENAME: 52X146BRIDGE DRAWN: NPW SCALE: 1:50 DRAWING NO.: 52X146BRIDGE	MODEL REV: A SHEET: B SHEET 3 OF 5 REVISION LET CHECK-IN:	A MFG IGNORE CHECK IN



Quinault Engineering 14 WEST QUINAULT ST., TAHOLA, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 24580.075 LBS	DIM. UNITS INCHES TOL. GROUP COARSE	DIMENSION UNITS UNLESS OTHERWISE NOTED 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.	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
BRIDGES 52 X 14.5 Bridge Assembly	USED ON DWG: - MODEL FILENAME 52X146BRIDGE MODEL REV A DRAW FILENAME 52X146BRIDGE	DATE NPW NPW 1:60 SHEET B SHEET 4 OF 5	REVISION LET CHECK-IN A MFG KNOWRE CHECK IN
DRAWING NO. 52X146BRIDGE			



SECTION A-A



Quinault Engineering 14 WEST QUINAULT ST., TAHOLA, WA 98587 ph (360) 276-8215 fax (360) 276-4191	WEIGHT: 24580.075 LBS	DIM UNITS INCHES 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
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.		USED ON DWG: -		
BRIDGES 52 X 14.5 Bridge Assembly		MODEL FILENAME 52X146BRIDGE	MODEL REV A	DRAW FILENAME 52X146BRIDGE
		DRAWN NPW	SCALE 1:50	SHEET B
DRAWING NO. 52X146BRIDGE		SHEET 5 OF 5 REVISION LET CHECK-IN		
		A MFG IGNORE CHECK IN		