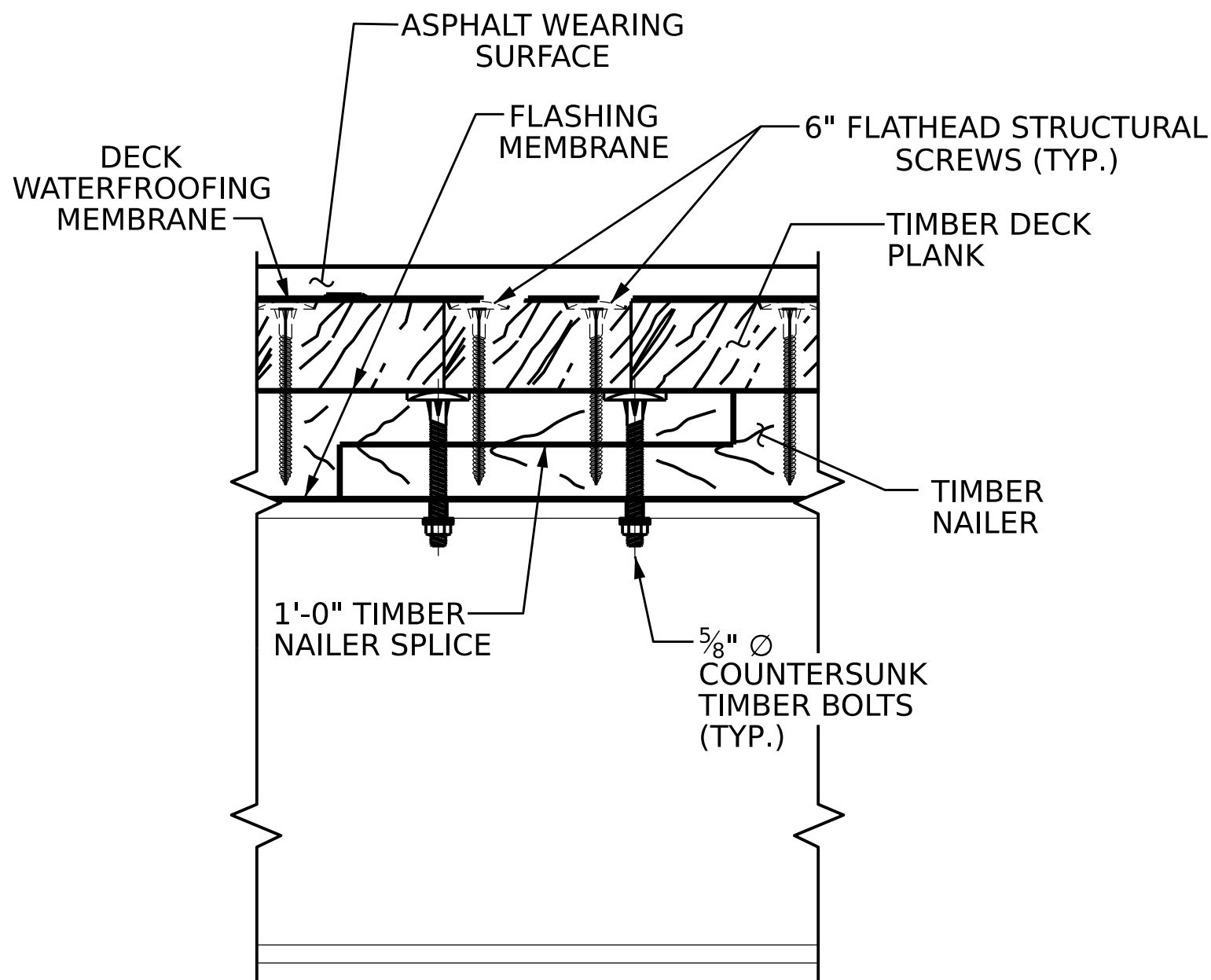
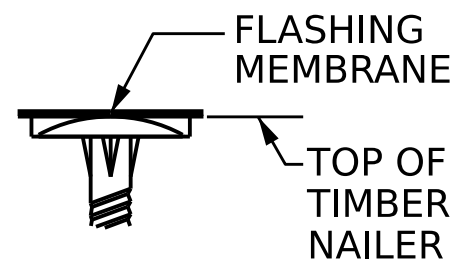


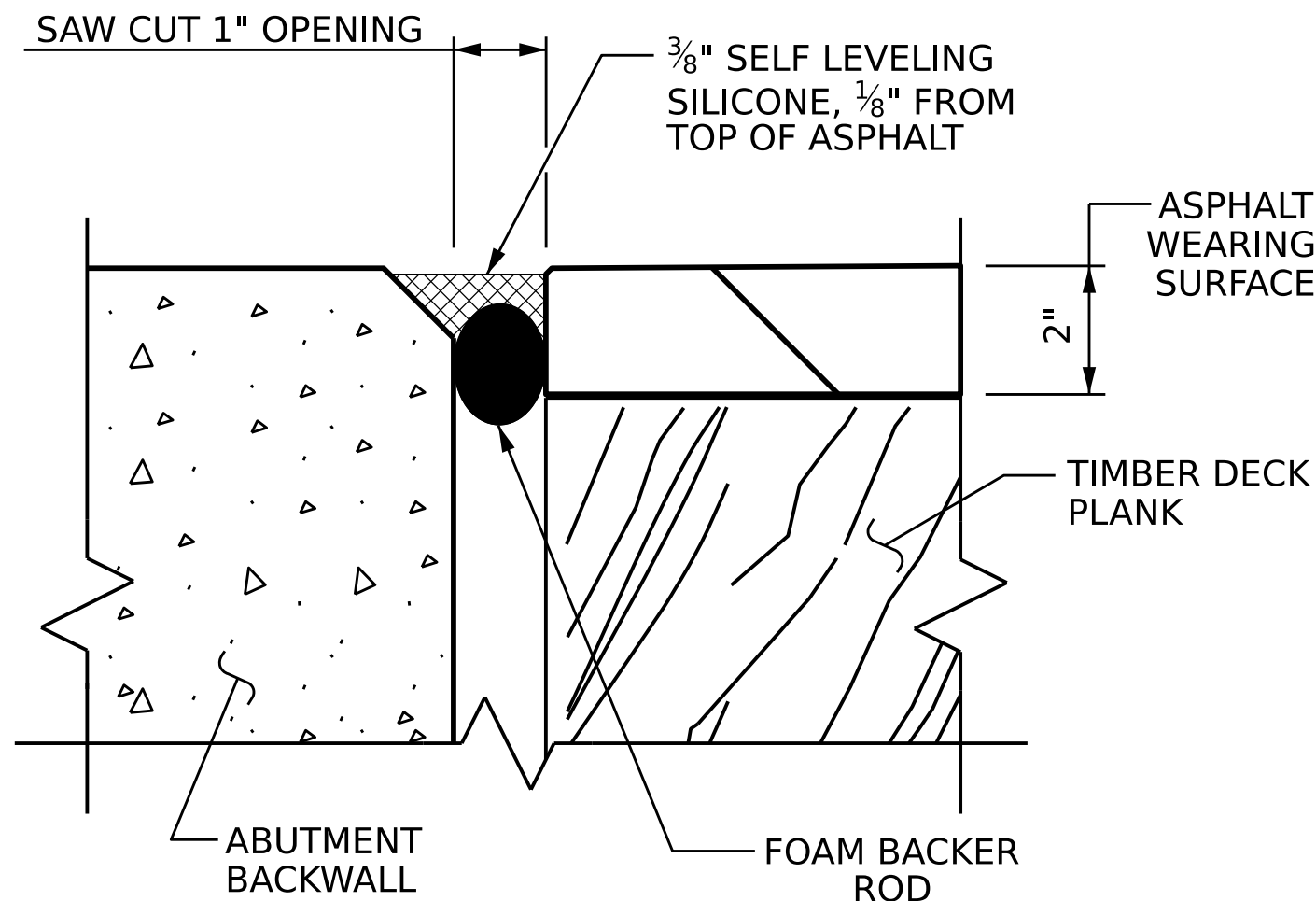
8/26/21



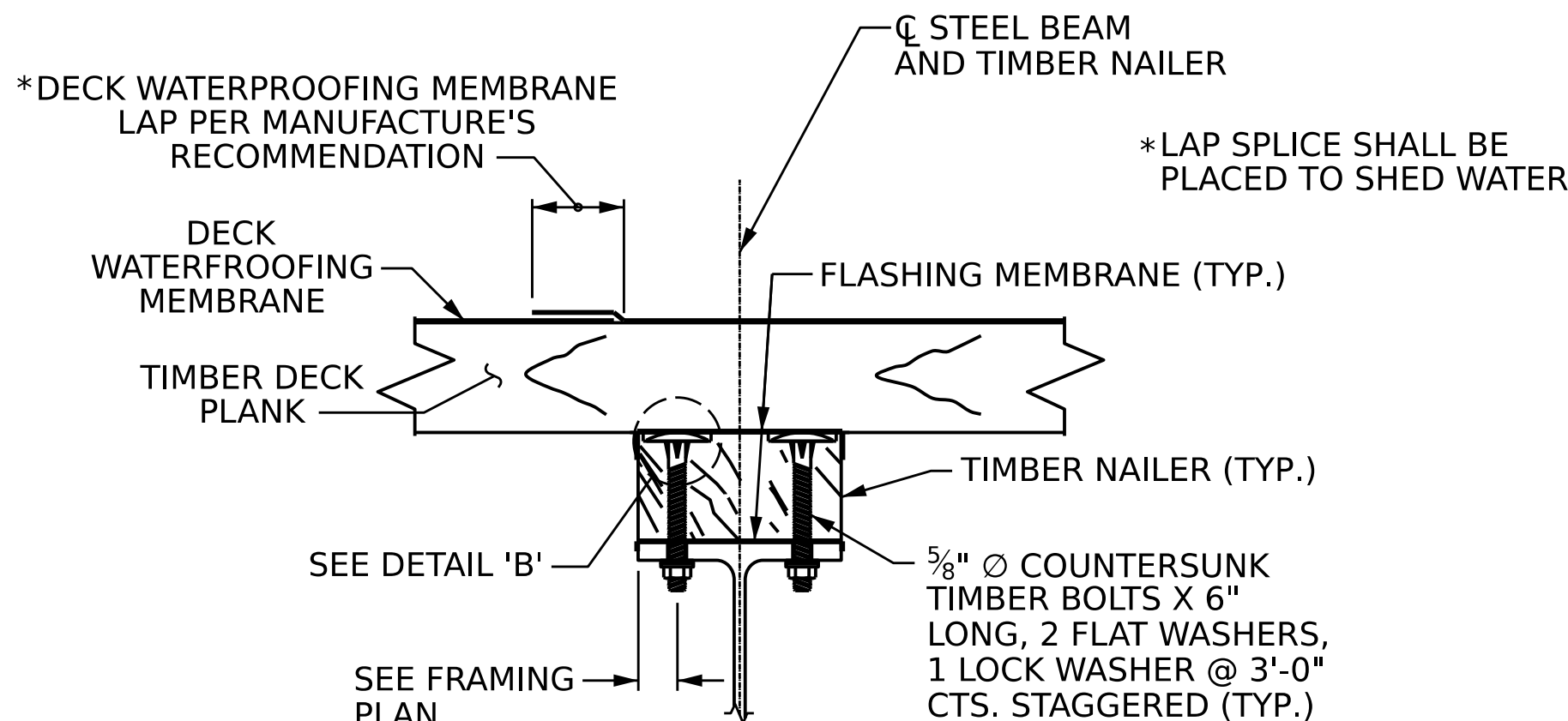
SECTION B-B
NAILER SPLICE & TIMBER PLANK
ATTACHMENT DETAILS



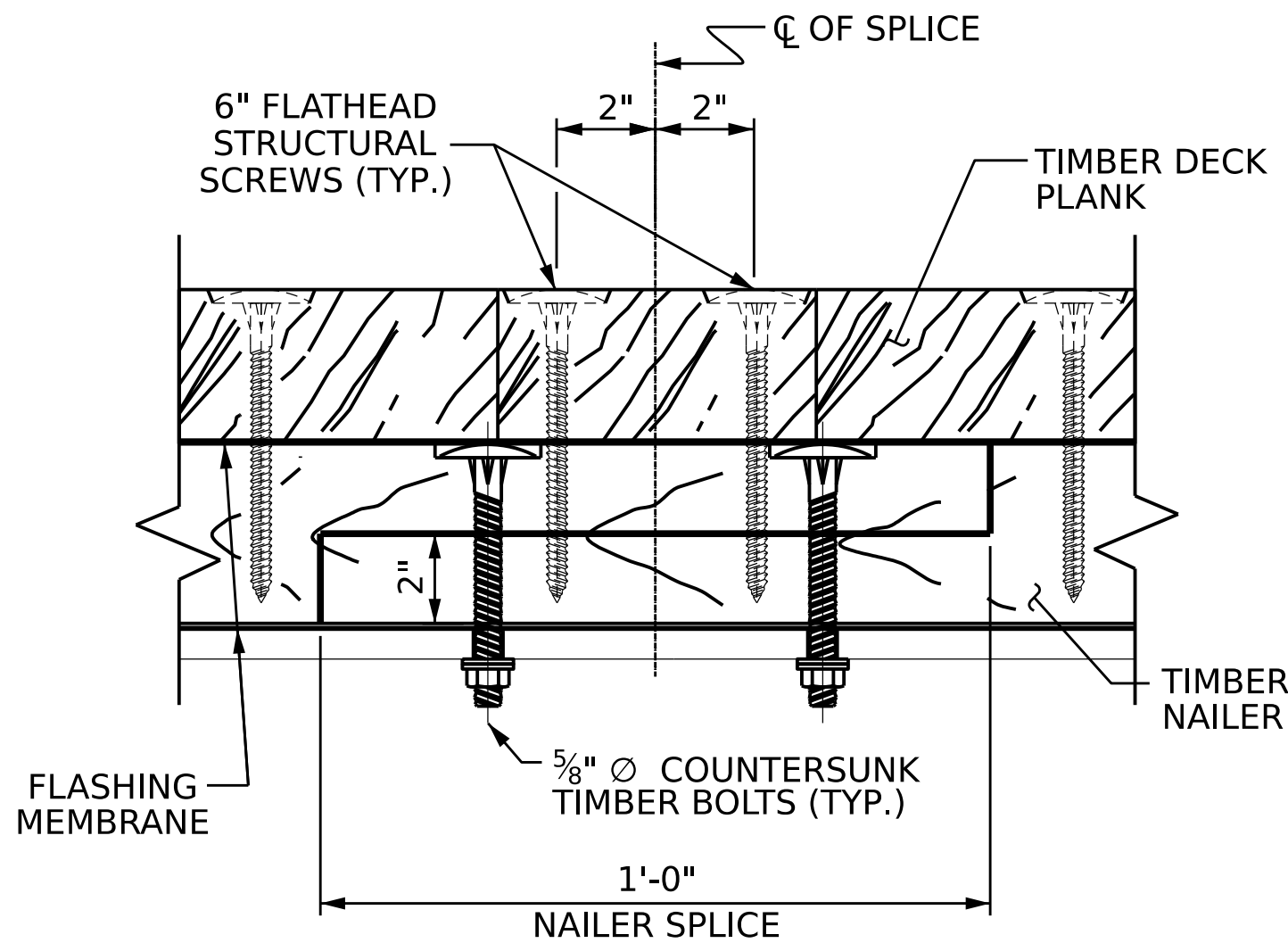
DETAIL 'B'



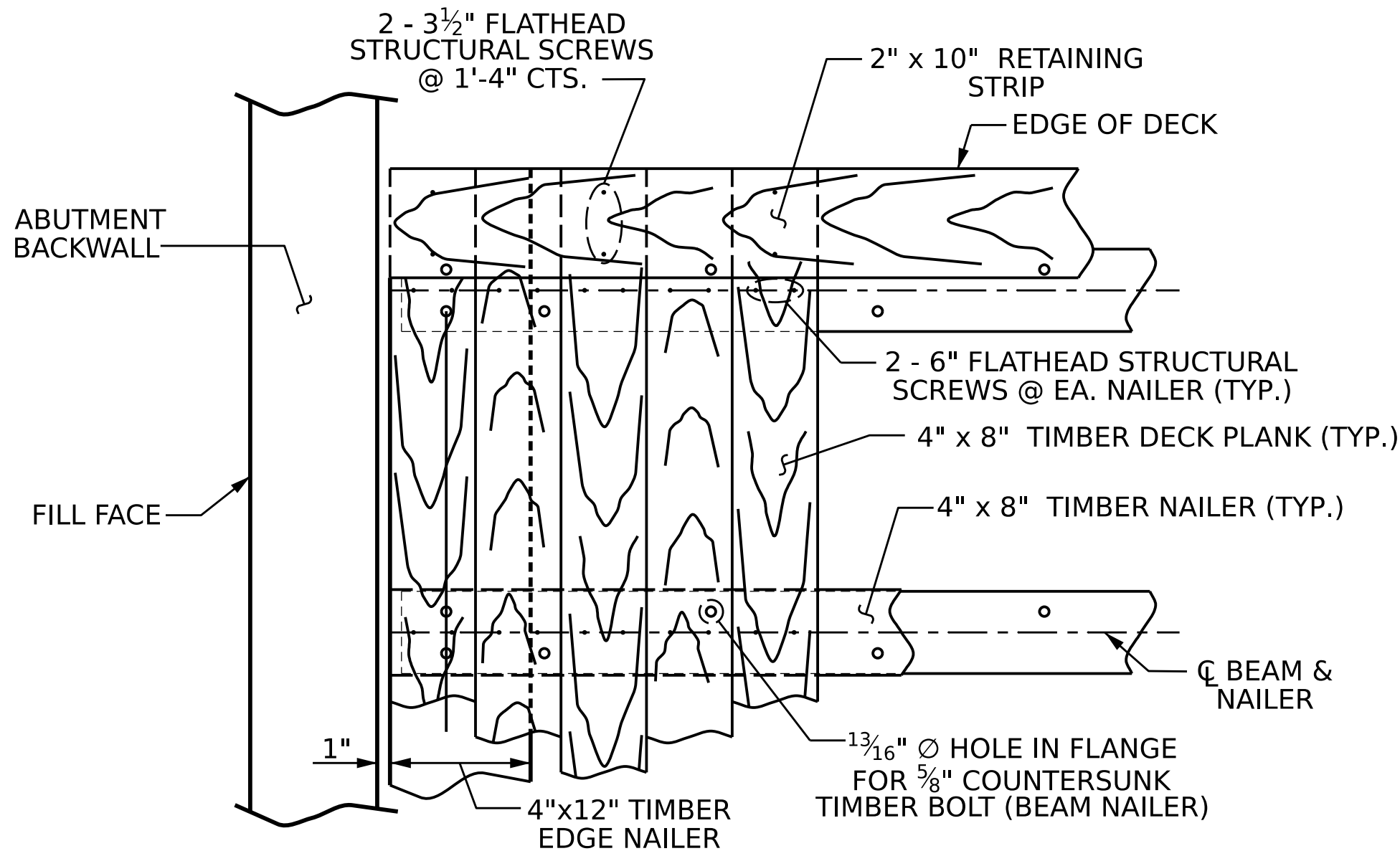
**PROPOSED POURABLE
SILICONE JOINT DETAIL**



SECTION A-A
TIMBER NAILER ATTACHMENT DETAILS



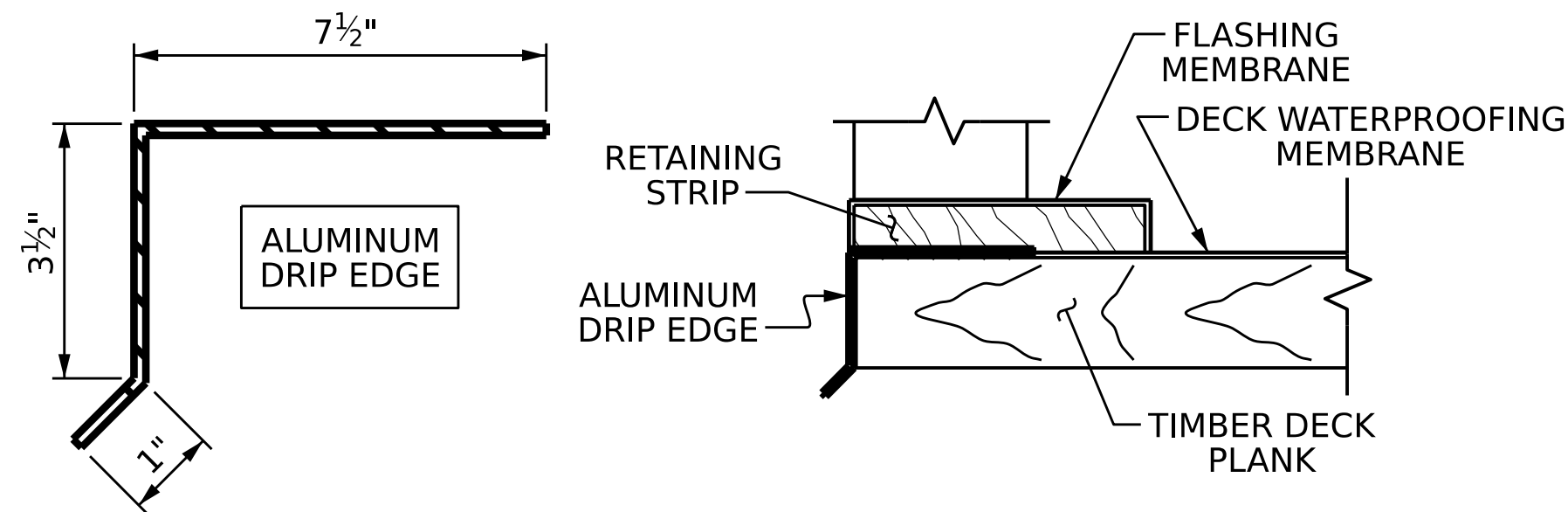
NAILER SPLICE DETAILS
NAILER SPLICE & TIMBER PLANK
ATTACHMENT DETAILS



TYPICAL DECK DETAIL AT ABUTMENT

BILL OF MATERIAL

TREATED LUMBER		SPAN 'A'		SPAN 'B'		SPAN 'C'	
ITEM		SIZE	LIN. FT.	SIZE	LIN. FT.	SIZE	LIN. FT.
RETAINING STRIP		2"x10"	72.9	2"x10"	77.7	2"x10"	83.3
TIMBER DECK PLANKS		4"x8"	915.0	4"x8"	975.0	4"x8"	1035.0
TIMBER NAILERS		4"x12"	218.3	4"x12"	235.0	4"x12"	245.9
TIMBER EDGE NAILERS		4"x12"	15.0	4"x12"	0.0	4"x12"	15.0
TOTAL TREATED LUMBER		1221.2 LIN. FT.		1287.7 LIN. FT.		1379.2 LIN. FT.	
FLASHING MEMBRANE							
ITEM		SIZE	LIN. FT.	SIZE	LIN. FT.	SIZE	LIN. FT.
TOP OF BEAM		25 MILS	218.3	25 MILS	232.5	25 MILS	249.3
TOP OF TIMBER NAILERS		25 MILS	214.8	25 MILS	235.0	25 MILS	245.8
TOP OF TIMBER EDGE NAILERS		25 MILS	15.0	25 MILS	0.0	25 MILS	15.0
SURFACE OF RETAINING STRIP		25 MILS	72.9	25 MILS	77.7	25 MILS	83.0
FLASHING MEMBRANE		521.0 LIN. FT.		545.2 LIN. FT.		510.9 LIN. FT.	
HARDWARE							
ITEM		No.	SIZE	LBS.	No.	SIZE	LBS.
5/8" Ø TIMBER BOLTS	1.4	204	5/8"	286.0	204	5/8"	286.0
HEAVY HEX NUTS	0.12	204	5/8"	24.5	204	5/8"	24.5
STANDARD WASHER	0.126	408	5/8"	49.0	408	5/8"	49.0
LOCK WASHER	0.126	204	5/8"	25.7	204	5/8"	25.7
FLAT HEAD STR. SCREWS	0.02	124	3 1/2"	2.6	132	3 1/2"	2.6
FLAT HEAD STR. SCREWS	0.042	732	6"	30.7	780	6"	32.8
HARDWARE FOR CONNECTIONS		418.4 LBS.		420.6 LBS.		457.4 LBS.	
DECK WATERPROOFING MEMBRANE							
ITEM		SIZE	SQ. YDS	SIZE	SQ. YDS	SIZE	SQ. YDS
DECK WATERPROOFING MEMBRANE		65 MILS.	61.3	65 MILS.	65.3	65 MILS.	69.9
DRIP EDGE							
		SIZE	LIN. FT.	SIZE	LIN. FT.	SIZE	LIN. FT.
22 GA. ALUMINUM DRIP EDGE		1'-0"	73.5	1'-0"	78.3	1'-0"	83.8
POURABLE SILICONE JOINT		60.0 LIN. FT					

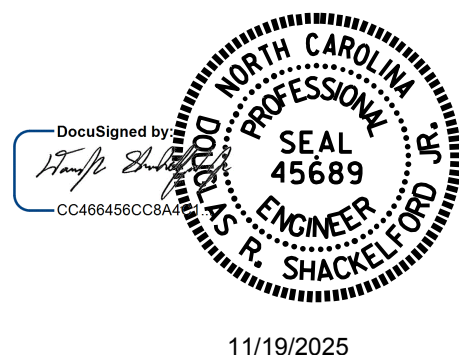


DRIP EDGE DETAILS
POST AND BOLTS NOT SHOWN FOR CLARITY

PROJECT NO. **30001.WIUM.002**
WAKE COUNTY
STATION: **12+87.00 -L1-**

SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
SUPERSTRUCTURE
**PLAN OF SPAN
DETAILS**



DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
				5-9	
				TOTAL SHEETS	17

ASSEMBLED BY: D. SHACKELFORD	DATE: 04/2025
CHECKED BY: K. ALFORD	DATE: 10/2025
DRAWN BY: BNB	4/24
CHECKED BY: JDH	10/24

*****SYTIME*****
*****DGN*****
*****USERNAME*****

STD. TB_PS_DETAILS