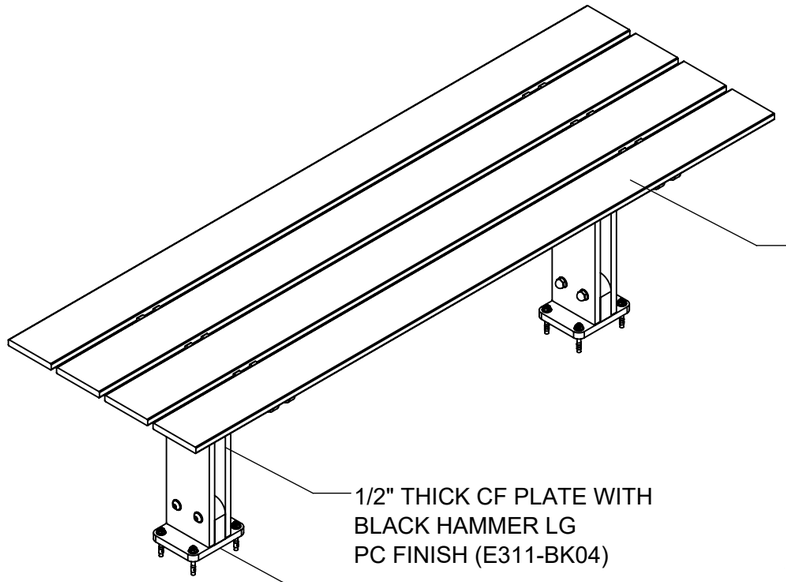
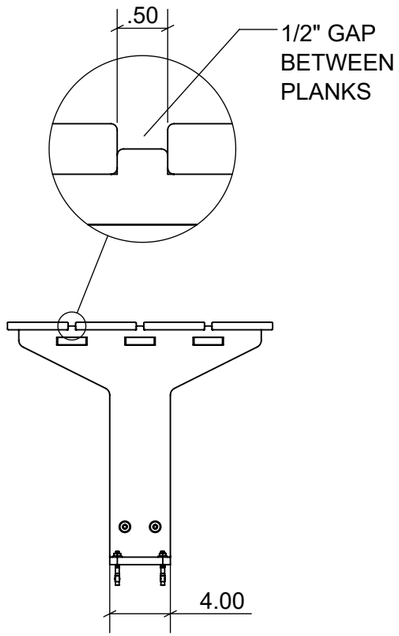
TRIDENT BENCH | **CARBON FIBER SPORTS BENCHES**

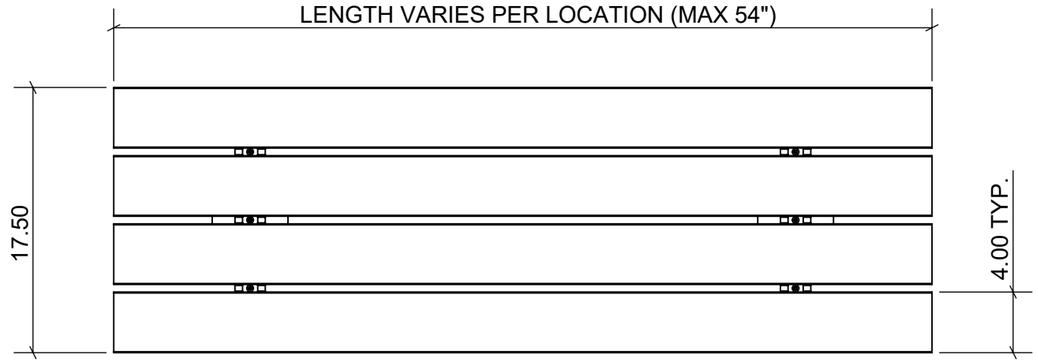
COMPOSITE RECYCLING TECHNOLOGY CENTER

Revision No. 7 Revision Date: 05/20/2020

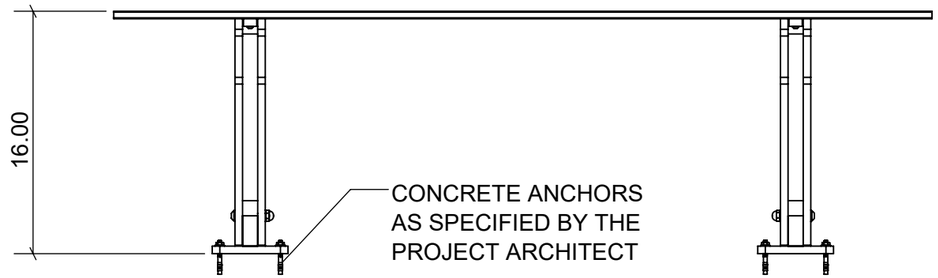




SIDE VIEW



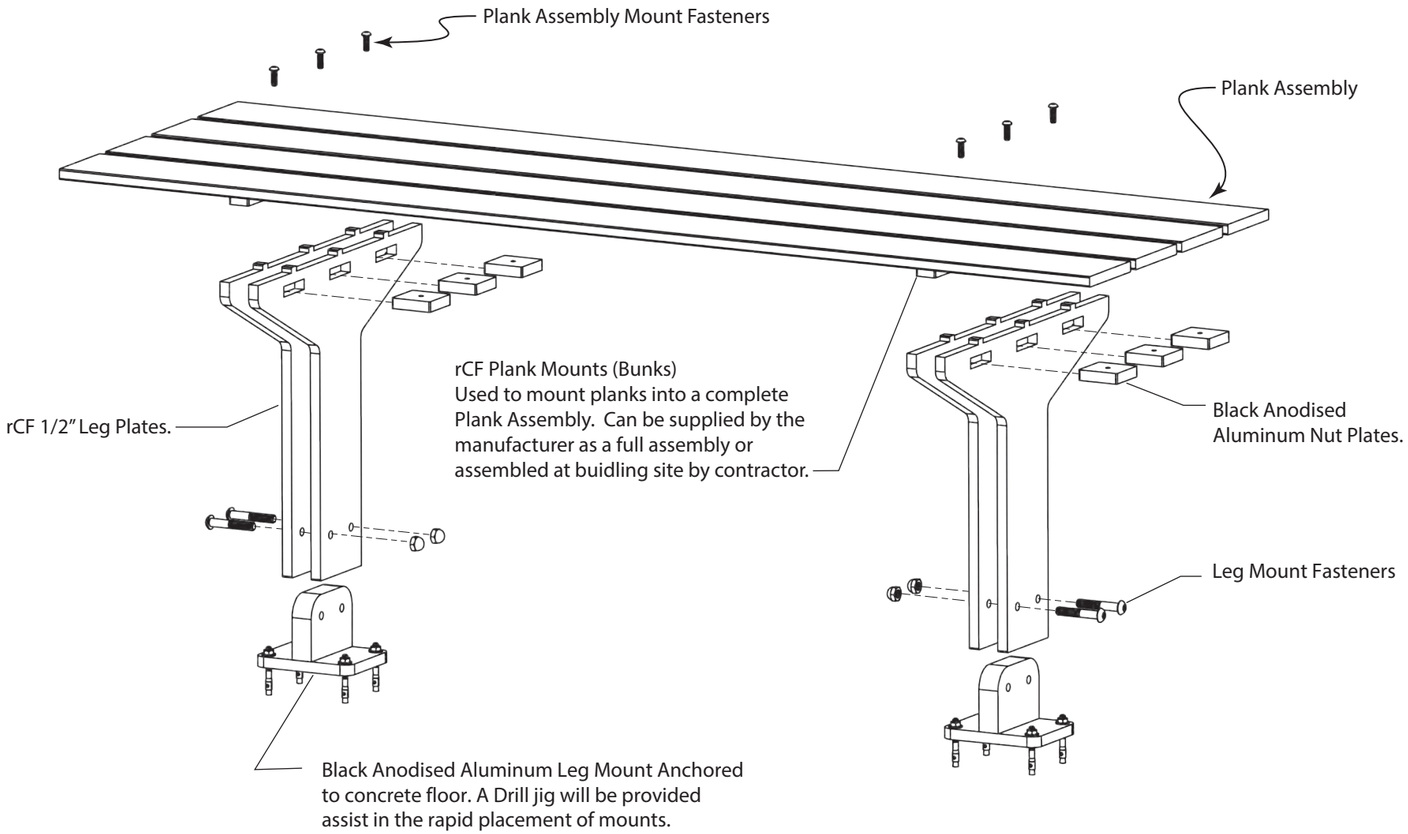
PLAN VIEW



FRONT VIEW

COMPOSITE RECYCLING TECHNOLOGY CENTER

TRIDENT BENCH | **DOUBLE ARM PEDESTAL BENCH DETAILS**



EXPLODED VIEW OF BENCH COMPONENTS

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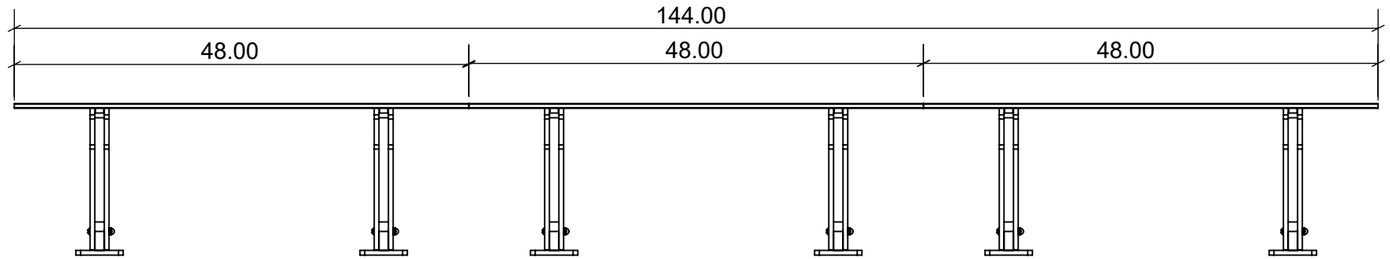
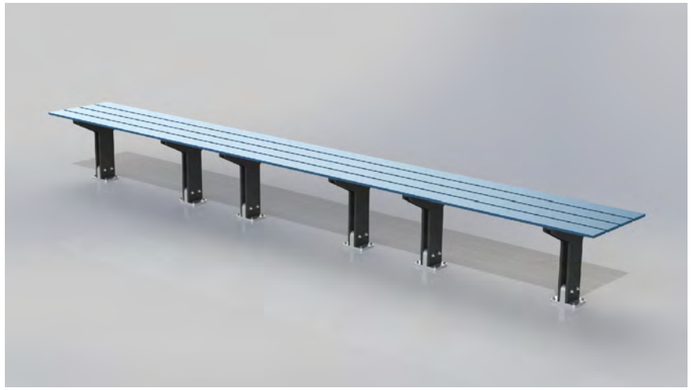
COMPOSITE RECYCLING TECHNOLOGY CENTER

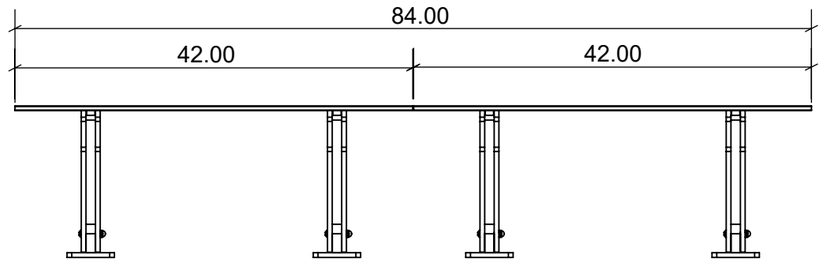
12'-0" BENCH



12' BENCH IS MADE UP OF (3) 48" SECTIONS



7'-0" BENCH

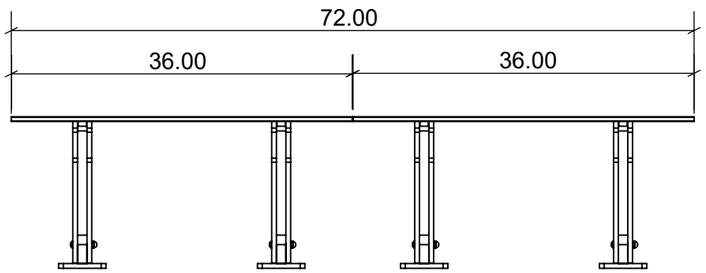


7' BENCH IS MADE UP OF (2) 42" SECTIONS

DESIGN NOTE:

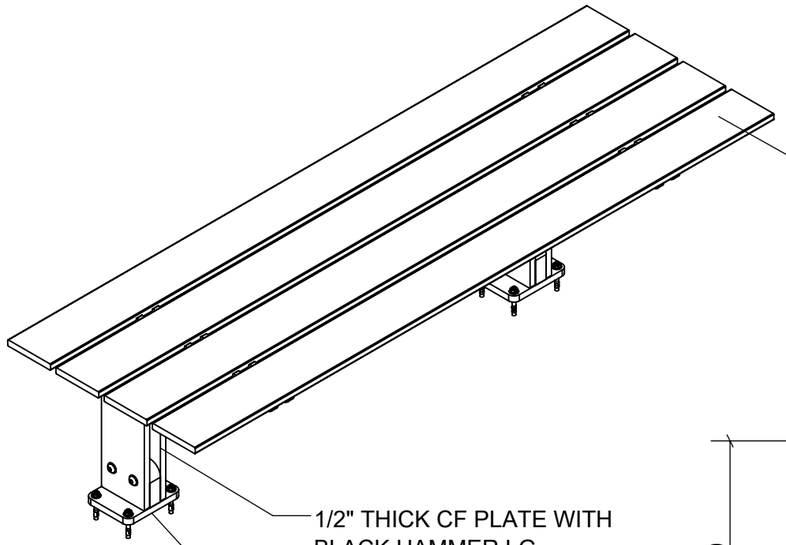
THE CARBON FIBER SEAT PLANKS ARE LIMITED TO 54" IN LENGTH. THERE FORE BENCHES LONGER THAN 54" ARE MADE UP IN SECTIONS.

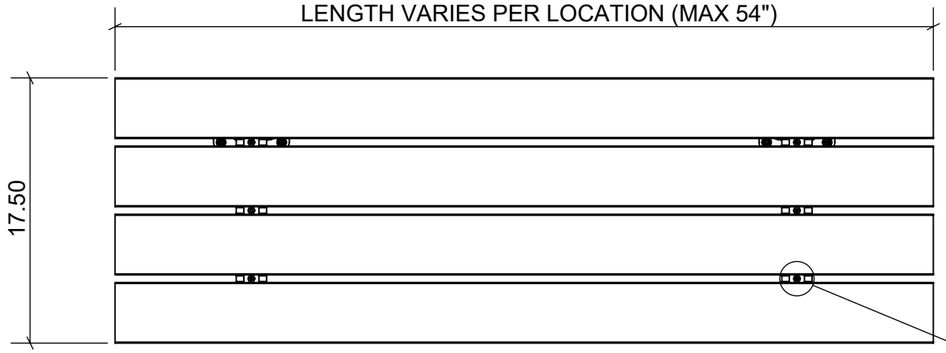
6'-0" BENCH



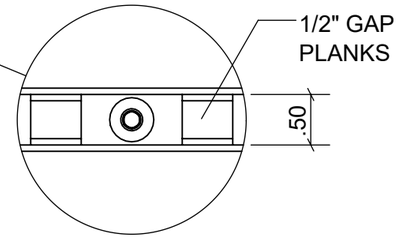
6' BENCH IS MADE UP OF (2) 36" SECTIONS

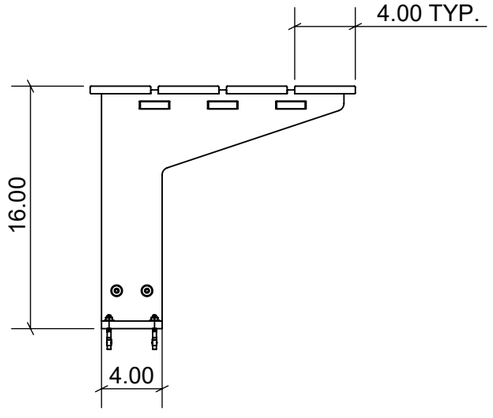
CRTC
COMPOSITE RECYCLING TECHNOLOGY CENTER



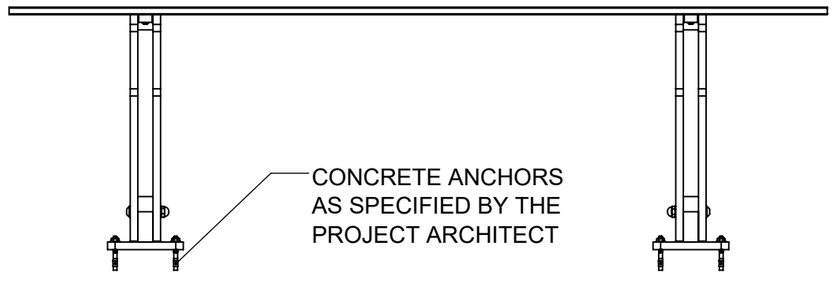


PLAN VIEW



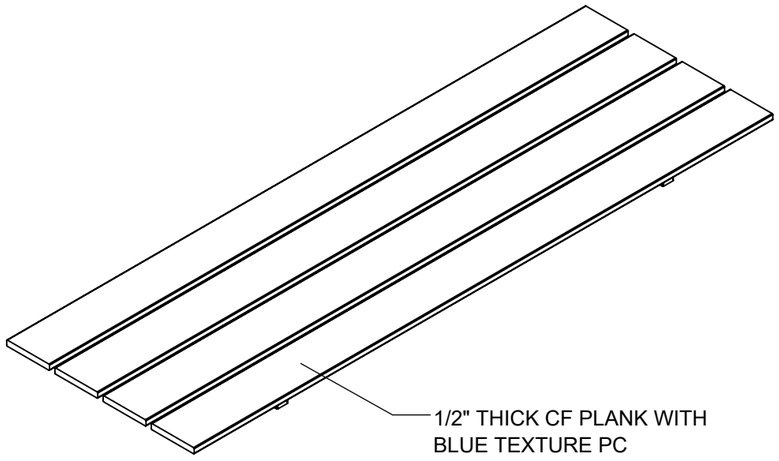


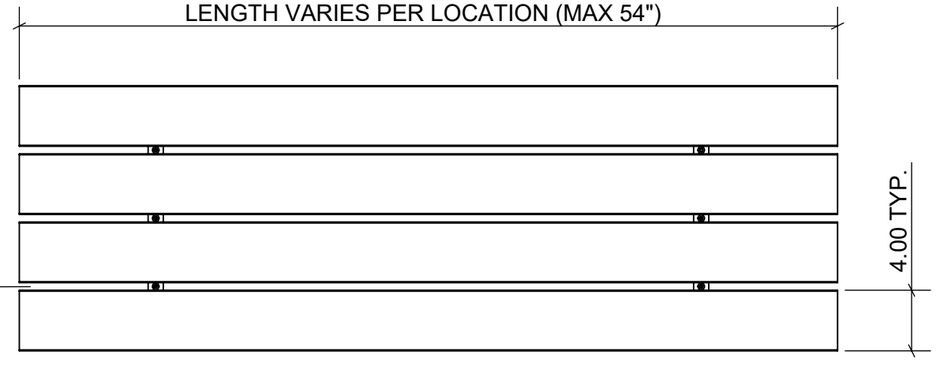
SIDE VIEW



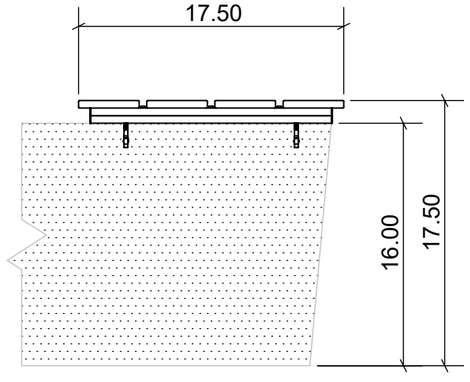
FRONT VIEW

CRTC
COMPOSITE RECYCLING TECHNOLOGY CENTER

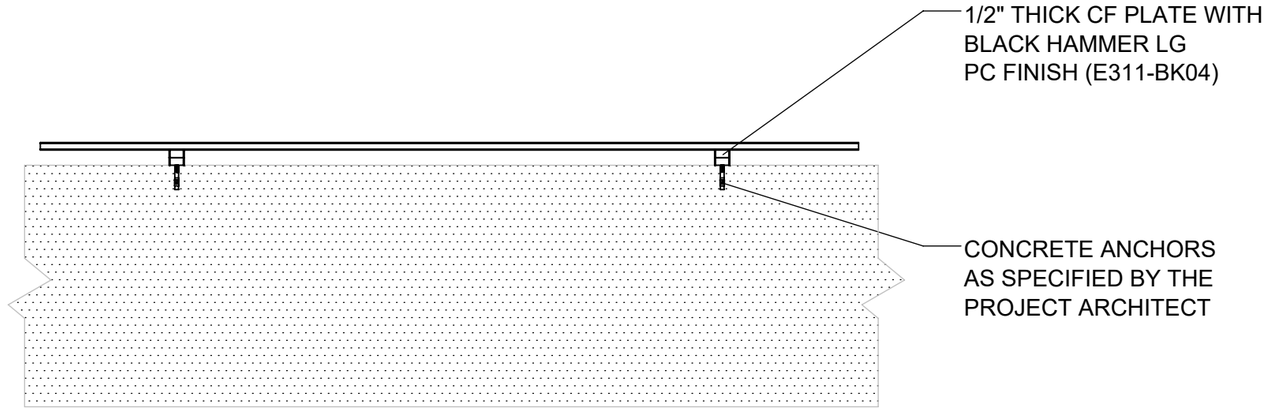




PLAN VIEW

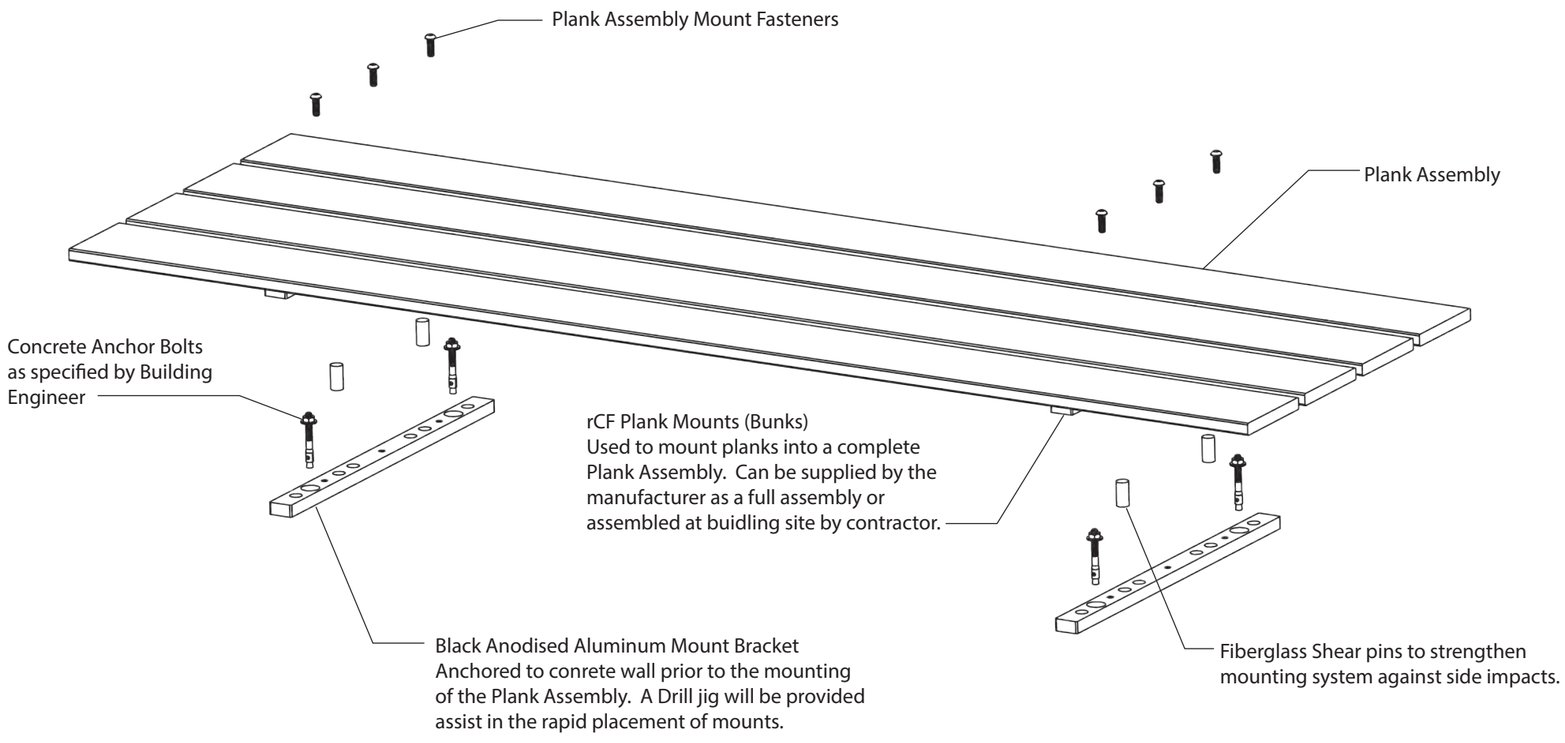


SIDE VIEW



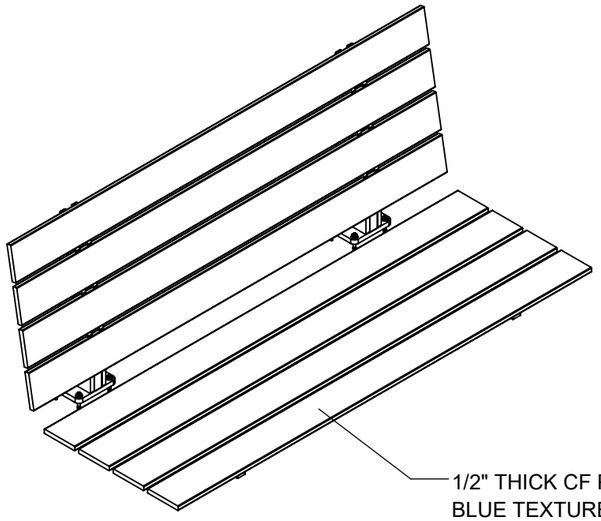
FRONT VIEW

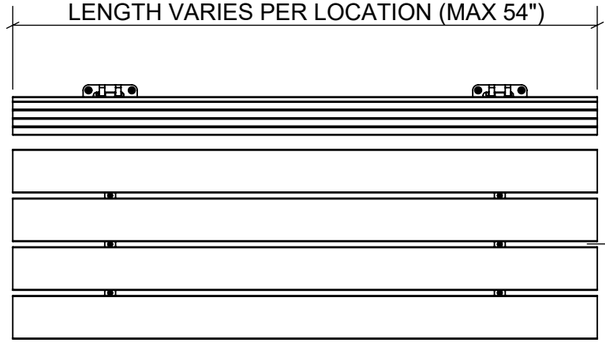
CRTC
COMPOSITE RECYCLING TECHNOLOGY CENTER



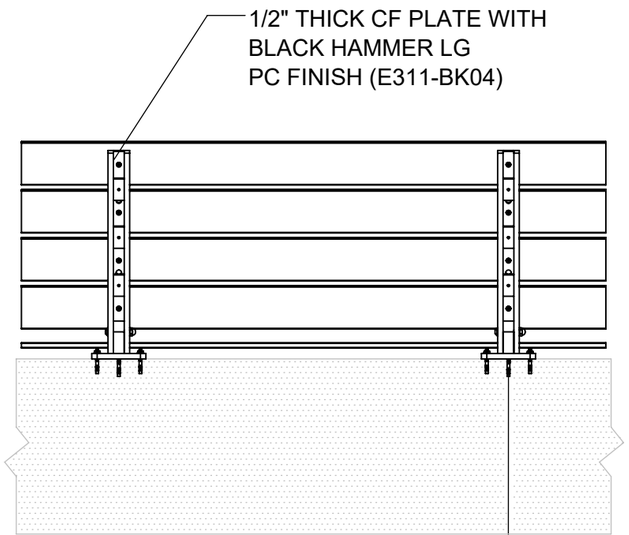
EXPLODED VIEW OF BENCH COMPONENTS

CRTC
COMPOSITE RECYCLING TECHNOLOGY CENTER

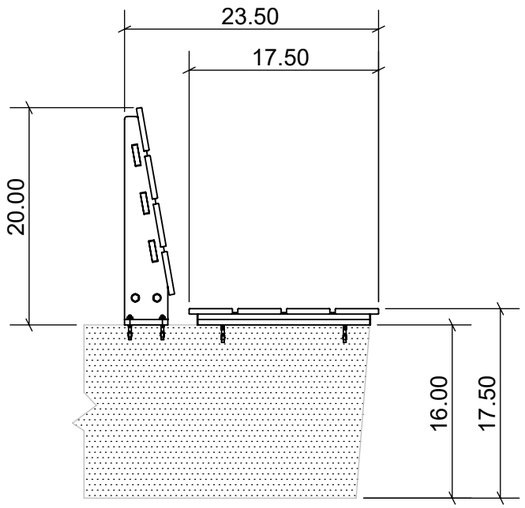




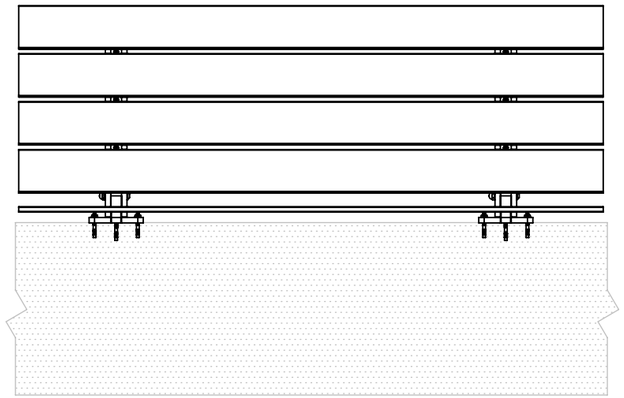
PLAN VIEW



REAR VIEW



SIDE VIEW



FRONT VIEW

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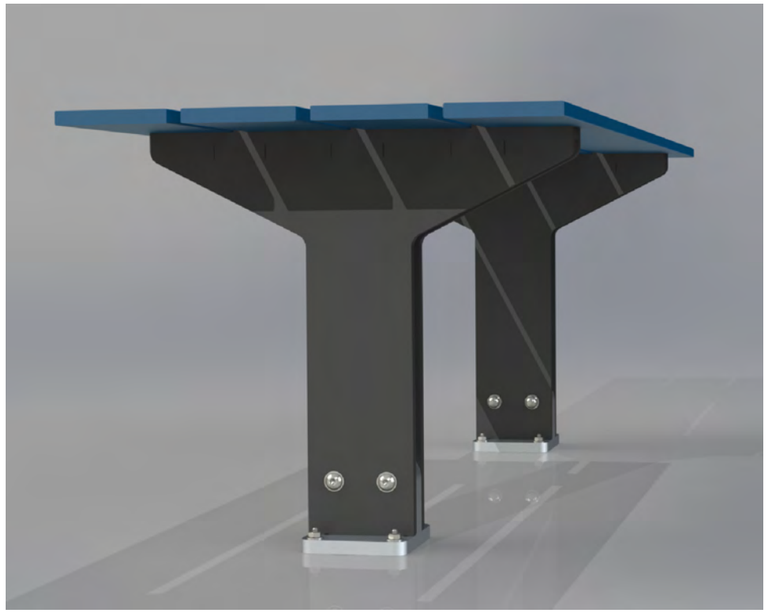
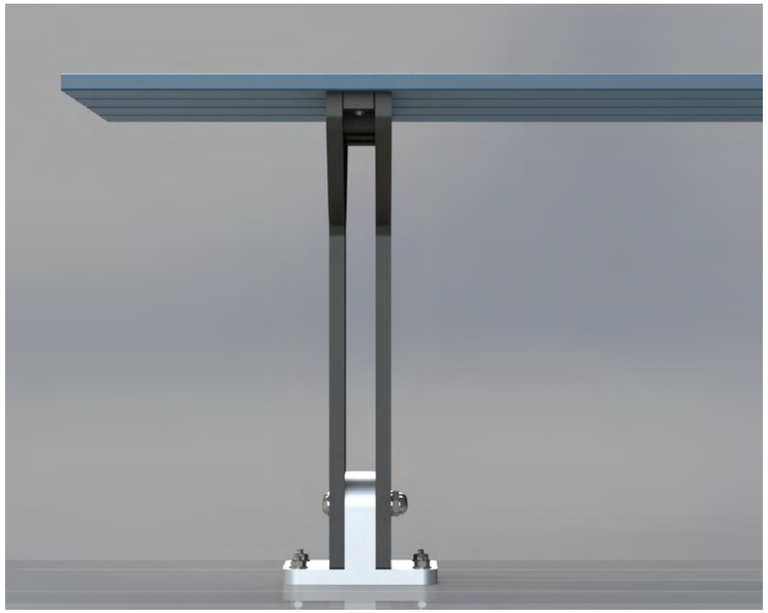
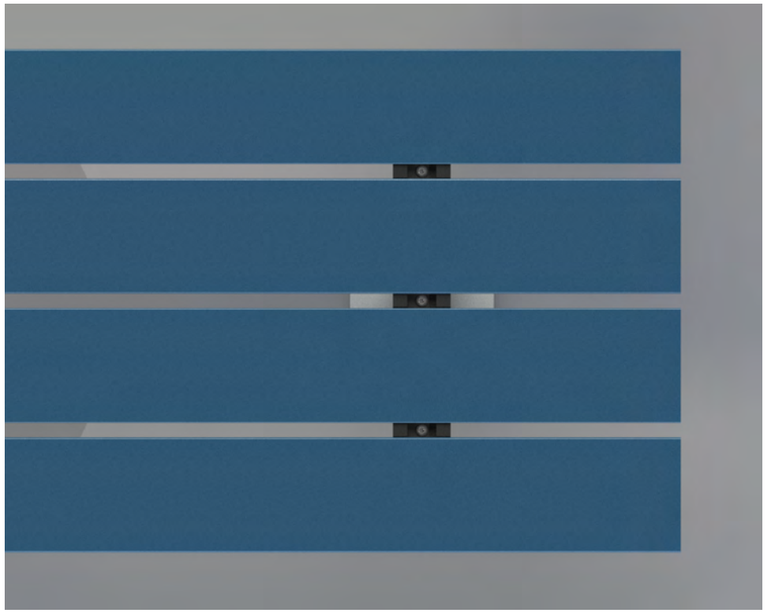
COMPOSITE RECYCLING TECHNOLOGY CENTER



DOUBLE ARM PEDESTAL BENCH

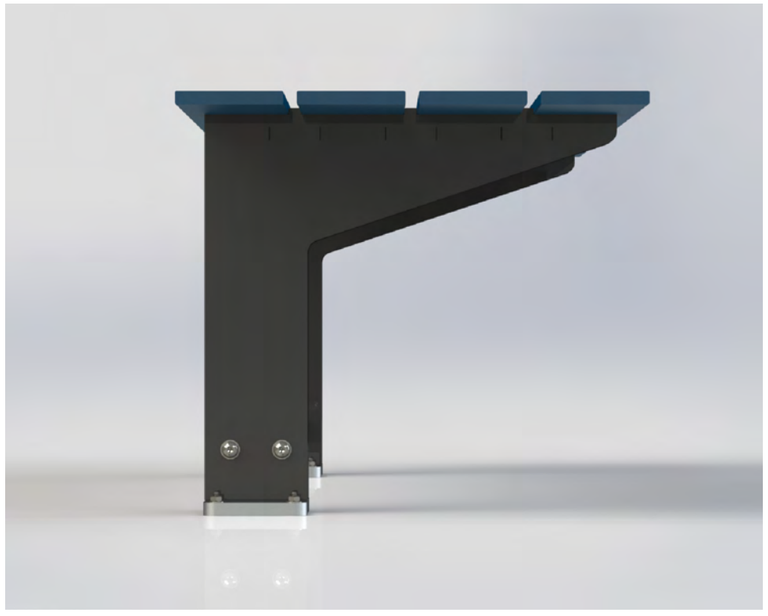


DOUBLE ARM PEDESTAL BENCH LEG



PEDESTAL BENCH PLANK ATTACHMENT

SINGLE ARM PEDESTAL BENCH



SINGLE ARM PEDESTAL BENCH LEG

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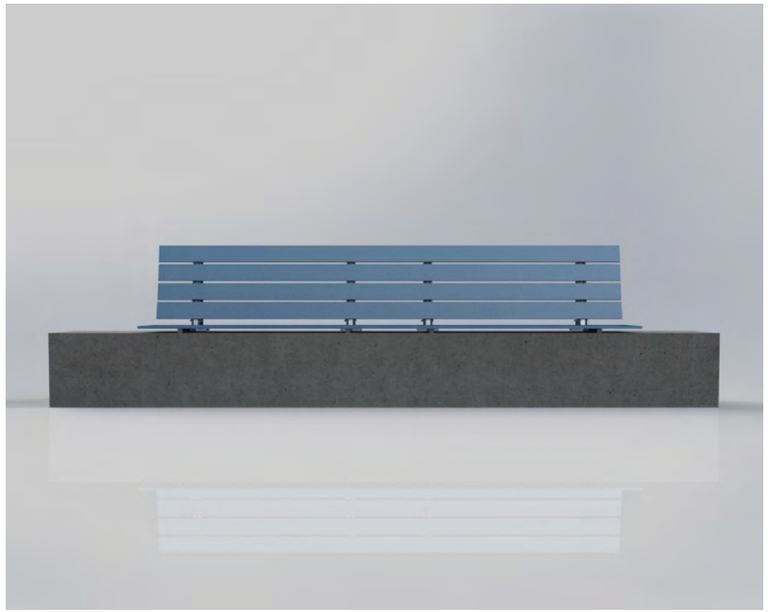
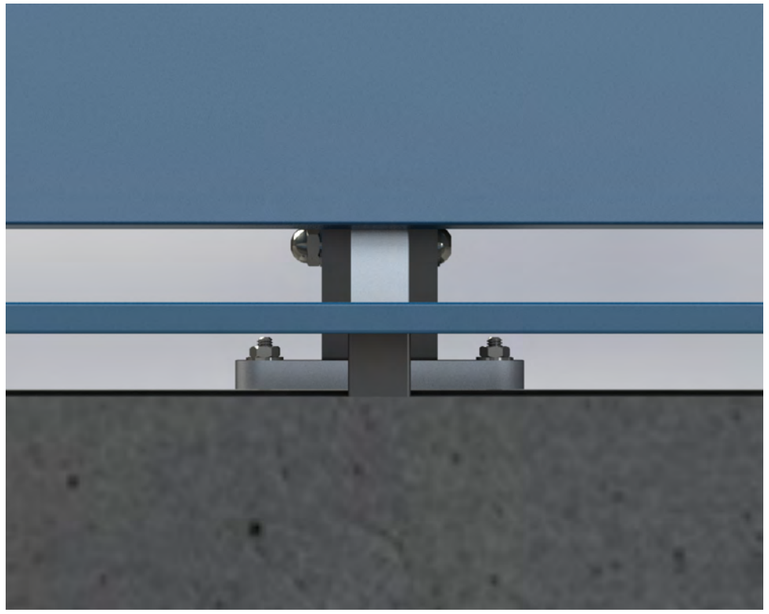


BLEACHER BENCH



BLEACHER BENCH MOUNTING HARDWARE

BLEACHER BENCH SEAT BACK MOUNTING HARDWARE

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COMPOSITE RECYCLING TECHNOLOGY CENTER

COMPONENT PRICING

Part	UM	Cost/UM
Plank Assembly	ft	$ 322
Surface Mount	ea	$ 30
Seatback Support	ea	$ 151
T Leg	ea	$ 120
L Leg	ea	$ 120

Below is a few examples of how the Trident Bench components can be configured for different applications, and how the component pricing is applied. For further inquiries or assistance with designing you Trident Bench system, please contact your sales team at CRTC.

EXAMPLES - COMPLETE ASSEMBLY PRICING

126ft Bench Seat	**Qty**	**U/M**	**COST/UM**	**TOTAL**
Plank Assy's - Seat	32	Units	$ 322	$ 10,304
Surface Mount	64	Ea	$ 30	$ 1,920
I-Beam Column Cap - 1	7	Ea	125	$ 875
				$ 13,099
6ft or 7ft Bench				
Plank Assy's - Seat	2	ea	$ 322	$ 644
T or L Leg	4	ea	$ 120	$ 480
				$ 1,124
12ft Bench Seat				
Plank Assy's - Seat	3	ea	$ 322	$ 966
T or L Leg	6	ea	$ 120	$ 720
				$ 1,686
28ft Bleacher Seat				
Plank Assy's - Seat	7	ea	$ 322	$ 2,254
Surface Mount	14	ea	$ 30	$ 420
Plank Assy's - Back	7	ea	$ 322	$ 2,254
Seatback Support	14	ea	$ 151	$ 2,114
				$ 7,042
70ft Bleacher Seat				
Plank Assy's - Seat	16	ea	$ 322	$ 5,152
Surface Mount	32	ea	$ 30	$ 960
Plank Assy's - Back	16	ea	$ 322	$ 5,152
Seatback Support	32	ea	$ 151	$ 4,832
				$ 16,096

SUMMARY OF FEATURES & BENEFITS

1. Each bench system is comprised of a system of common components. This gives the overall bench approach an added modularity and simplicity in assembly and repair.
2.
3. All carbon components are inert to chlorine and water, and each will be finished with a high temperature UV protective powder coat sealing all surfaces. This approach will provide more than 50 years of wear and tear with virtually no cosmetic decline, and no structural breakdown.
4. Mounting system will use a unique combination of fiberglass shear pins and aluminum fasteners to insure long term corrosion resistance and high shear strength. All components will stay in place for years to come.
5. All carbon composite construction forms a strong, stiff, and durable plank.
6. Molded in surface texturing or spray on anti‐slip finishes are available.
7. Carbon components are finished with an abrasion/UV resistant high temperature baked power coat with numerous color possibilities and textured finishes.

PRICING NOTES

1. Plank Assemblies for the Seat or Back are sold as 54” Sections. These can be modified to make shorter sections of a longer bench or shorter bench. There is no cost associated with length adjustment.
2. All specialty installation tools, jigs, adhesives, and support are included.
3. Not included:
    a. Concrete anchors (style to be specified by the project architect).
    b. Installation labor

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