

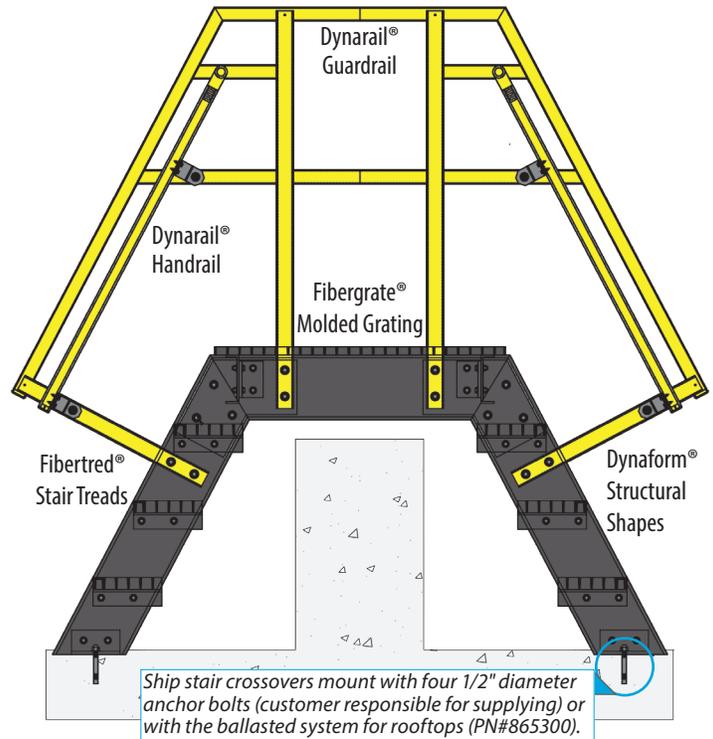
# FRP Ship Stair Crossovers

AVAILABLE THROUGH  
  
 Roofing & Building Maintenance

**Fibergrate**  
 Composite Structures  
 Building the World to Last\*

Pre-engineered composite ship stair crossovers by Fibergrate Composite Structures provide a more cost-effective, standard solution to meet customer's special requirements that would normally necessitate a custom solution. Whether you need a ship stair crossover for a retaining wall or a walkover for a tank, they are versatile enough to solve many of the day-to-day needs of most facilities.

Fibergrate's ship stair crossovers are newly redesigned to meet the revised OSHA Standards 1910.25 for Ship Stairs and Stairs and 1910.29 for Guardrails and Stair Rail Systems. Fibergrate's crossovers also meet the IBC 2015, Section 1011.15 requirements for ship's ladders. Traditional material options such as heavy, expensive steel or stainless steel crossovers are often unsafe, costly to ship and install, and difficult to clean. Fibergrate's composite crossovers offer a better solution that will save you time and money!



## WHY USE FIBERGRATE'S SHIP STAIR CROSSOVERS?



**CORROSION RESISTANT**

Fibergrate composite products are known for their ability to provide corrosion resistance in the harshest environments and chemical exposures. Our products remain durable and will not rust or rot.



**SLIP RESISTANT**

The meniscus surface of the grating and stairs provides superior slip resistance in most environments, including oily or wet conditions.



**EASY INSTALLATION**

FRP ship stair crossovers are lightweight and easy to install. Fibergrate products eliminate the need for heavy lifting equipment, creating convenience and saving money.

## SPECIFICATIONS

### Safety Ratings

**Meets OSHA Requirements:**

- 1910.25
- 1910.29

**Meets IBC 2015 Requirements:**

- 1011.15

**National Building Code of Canada**

- 4.1.5.14
- 9.8.8.1
- 9.8.1-4
- 9.8.8.2
- 9.8.7

### Materials of Construction

**Fiberglass Reinforced Plastics (FRP)**

- Fibergrate® Molded Grating & Fibertred® Molded Stair Treads with Corvex® Resin System; Dark Gray; Meniscus Surface
- Dynaform® Structural Shapes (ISOFR Resin), Dark Gray
- Dynarail® Guardrail & Handrail (ISOFR Resin with UV Coating); Yellow

### Measurements

PART #	CLEARANCE HEIGHT	APPROXIMATE WEIGHT
866110.01	10" Clearance	105 lbs
866119.01	19-1/2" Clearance	111 lbs
866129.01	29" Clearance	125 lbs
866138.01	38-1/2" Clearance	158 lbs
866148.01	48" Clearance	174 lbs
866167.01	67" Clearance	204 lbs

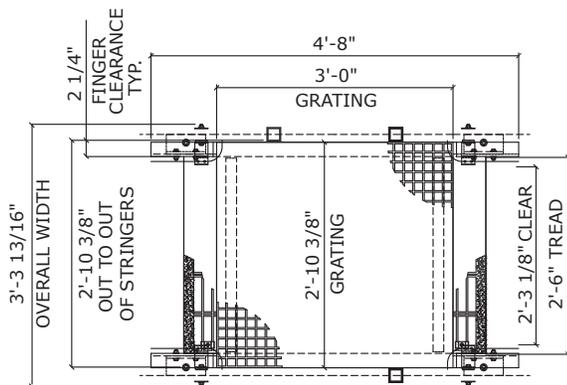


# FRP Ship Stair Crossovers

## Detailed Drawings

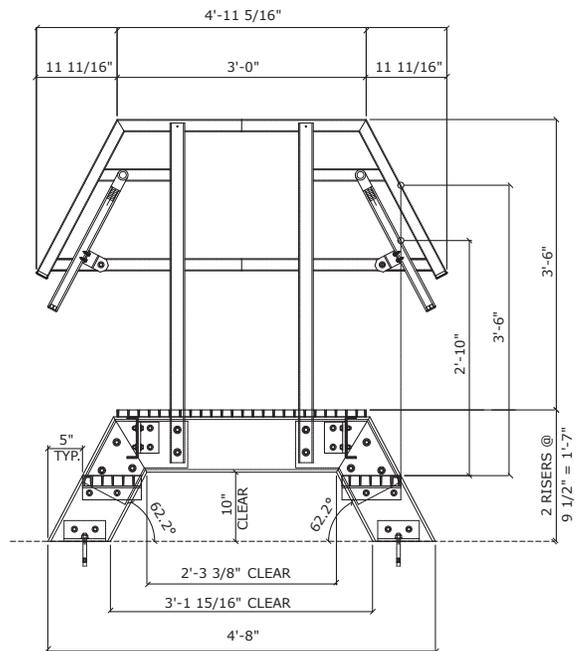
All crossovers are constructed of Fibergate® molded grating with Corvex® resin system in dark gray with meniscus surface, dark gray molded Fibertred® stair treads with Corvex resin and meniscus surface with grit nosing, ISOFR dark gray Dynaform® structural shapes, and ISOFR yellow UV coated Dynarail® guardrail and handrail.

### 10" CLEARANCE GRATING PLAN

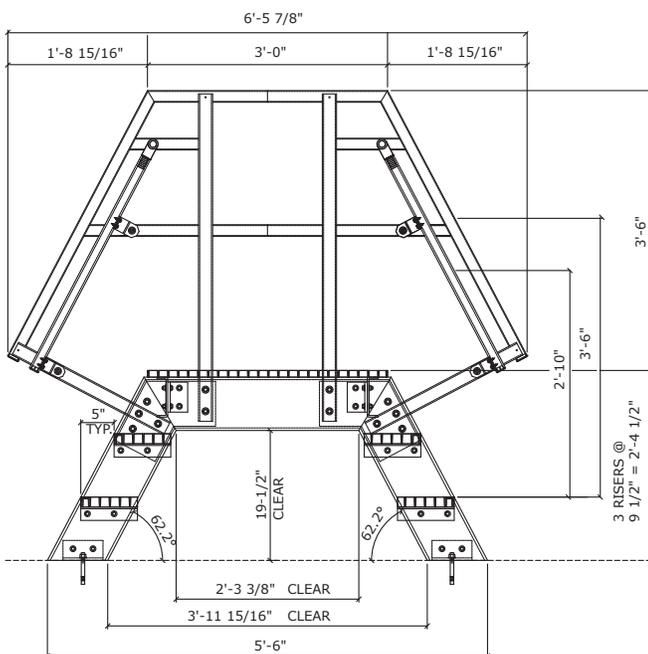


All standard crossover stairs (10", 19-1/2", 29", 38-1/2", 48" and 67" clearances) have 2'-6" wide stair treads and an overall width of 3' 3-13/16".

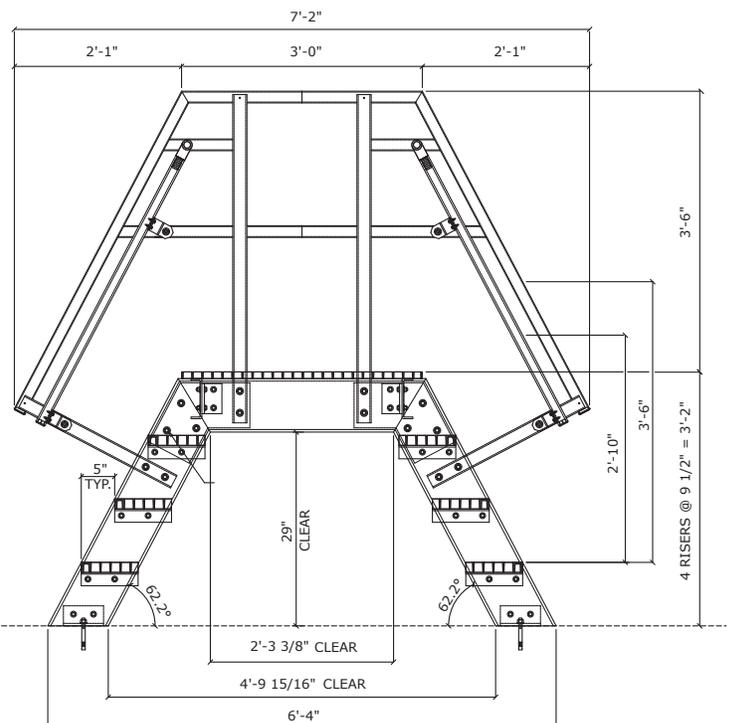
### 10" CLEARANCE PN 866110.01



### 19-1/2" CLEARANCE PN 866119.01



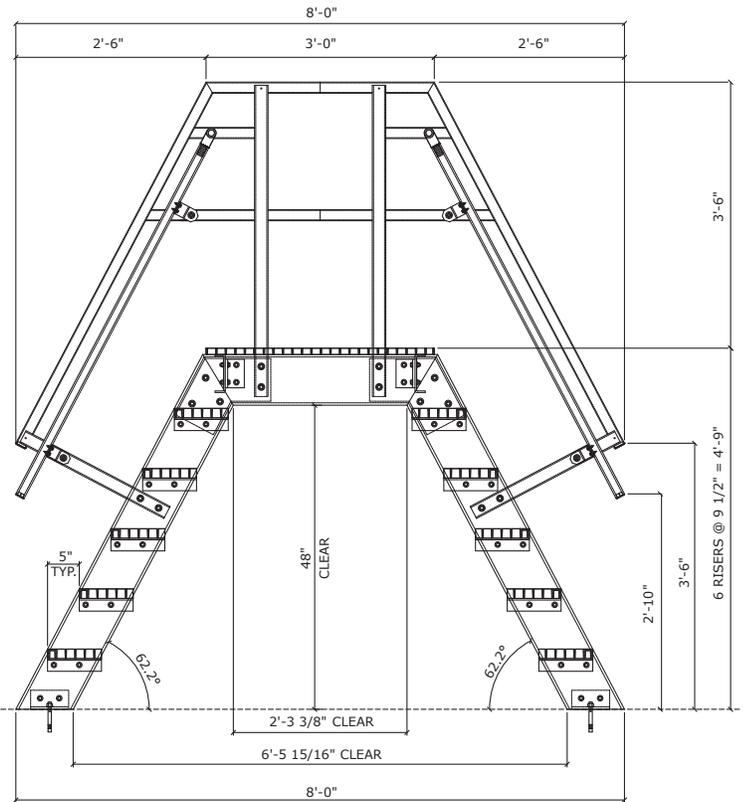
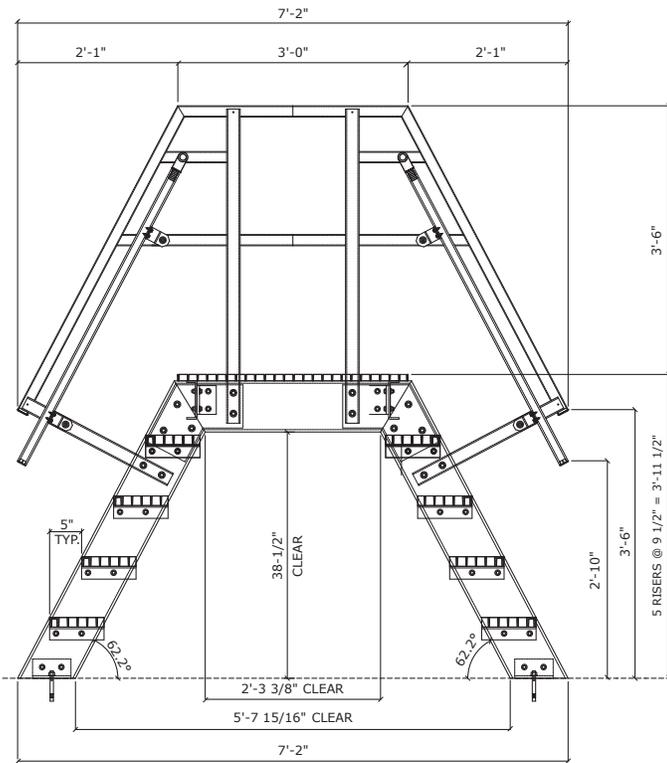
### 29" CLEARANCE PN 866129.01



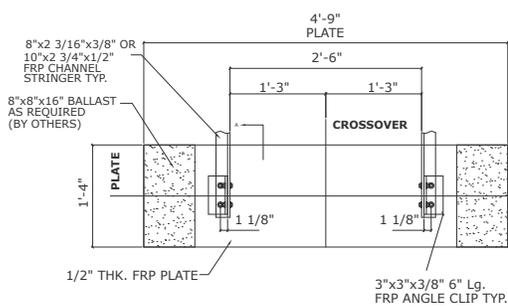
# FRP Ship Stair Crossovers

**38-1/2" CLEARANCE - PN 866138.01**

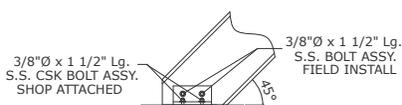
**48" CLEARANCE - PN 866148.01**



**BALLASTED ROOFTOP SYSTEM  
PN#865300**



**PLAN VIEW**



**67" CLEARANCE  
PN 866167.01**

