



Installation Guide For:

2023 Stair Installation Supplement



**This Packet MUST Accompany
Materials To Job Site**

Call 1-800-335-5909 for Installation Support

Drawing Enclosed

RailFX **End Plate** Guide

200 End Plates



Standard
FXEP200XXX

Extended
FXEXP200XXX

200 End Plate Bracket



FXEPB200XXX

400 End Plates



Standard
FXEP400XXX

Extended
FXEXP400XXX

400 End Plate Bracket



FXEPB400XXX

250 End Plate



FXEP250XXX

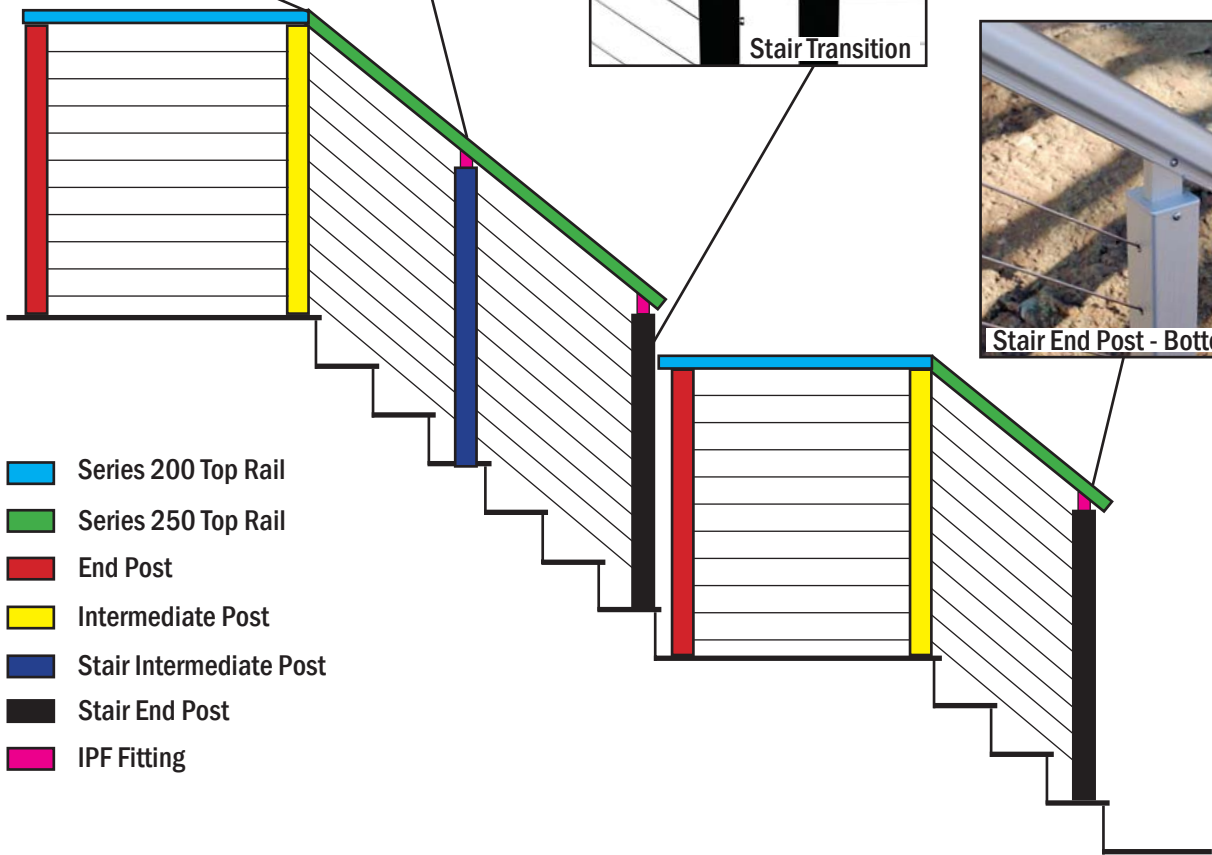
250 End Plate Bracket



FXEPB250XXX

RailFX Elevation View

Using 200 Top Rail With 250 on Stairs



ACTUAL FREIGHT CHARGES WILL BE APPLIED TO ALL RAILFX® ORDERS



Available in:

Black

Bronze

White

Silver

Series 250 End Plate Bracket

Sold in any quantity.

Aluminum end plate bracket used to connect series 250 top rails to series 200 top rail when using a single corner post at the top of a stair run. Requires additional rail connecting block (FXRCB1). Includes 4 color matched screws.

Item #: FXEPB250BLK - Black
Item #: FXEPB250BRZ - Bronze
Item #: FXEPB250WHT - White
Item #: FXEPB250SIL - Silver



Available in:

Black

Bronze

White

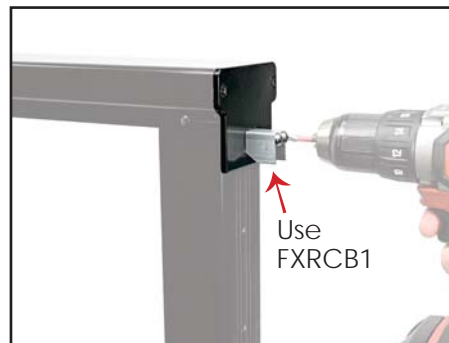
Silver

Series 200 Extended End Plate

Sold in any quantity.

Aluminum extended end plate used to connect series 250 top rails into series 200 top rail at the top of a stair run. Allows for single intermediate post to be used so the cable can run continuously through and down the stairs. Requires additional rail connecting block (FXRCB1). Includes 2 color matched screws.

Item #: FXEXP200BLK - Black
Item #: FXEXP200BRZ - Bronze
Item #: FXEXP200WHT - White
Item #: FXEXP200SIL - Silver



ACTUAL FREIGHT CHARGES WILL BE APPLIED TO ALL RAILFX® ORDERS



Available in:

Black

Bronze

White

Silver

Series 400 End Plate Bracket

Sold in any quantity.

Aluminum end plate bracket used to connect series 250 top rails series 400 top rail when using a single corner post at the top of a stair run. Requires additional rail connecting block (FXRCB1). Includes 4 color matched screws.

Item #: FXEPB400BLK - Black
Item #: FXEPB400BRZ - Bronze
Item #: FXEPB400WHT - White
Item #: FXEPB400SIL - Silver



Available in:

Black

Bronze

White

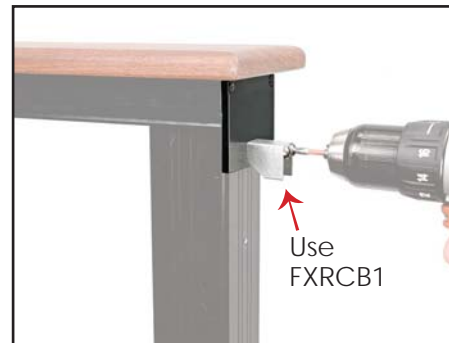
Silver

Series 400 Extended End Plate

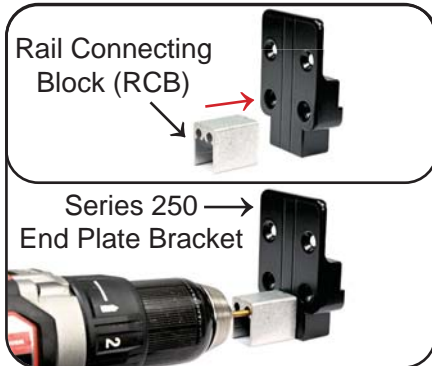
Sold in any quantity.

Aluminum extended end plate used to connect series 250 top rails into series 400 top rail at the top of a stair run. Allows for single intermediate post to be used so the cable can continue through and down the stairs. Requires additional rail connecting block (FXRCB1). Includes 2 color matched screws.

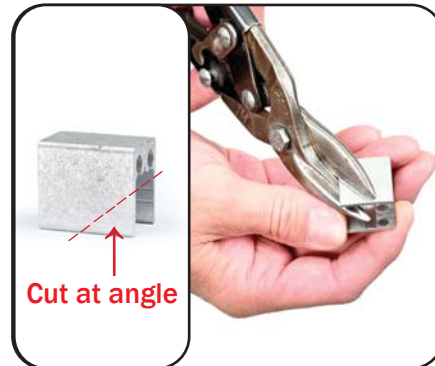
Item #: FXEXP400BLK - Black
Item #: FXEXP400BRZ - Bronze
Item #: FXEXP400WHT - White
Item #: FXEXP400SIL - Silver



Series 250 End Plate Bracket Install - 200 Series Top Rail



- (1) Align RCB to End Plate Bracket**
- A) Align the bottom edges of the RCB and 250 End Plate Bracket.
 - B) With the RCB centered, pre-drill the end plate bracket with 5/32" drill using the RCB as a guide.



- (2) Cut Rail Connecting Block (RCB)**
- Clip the corner of the RCB at the angle of the stairs so it will be concealed under the top rail. Use tin snips to make cut.



- (3) Attach RCB to End Plate Bracket**
- Attach the RCB to the End Plate Bracket. Attaches with 2 ea. screws using #2 square drive.



- (4) Attach End Plate Bracket**
- Attach End Plate Bracket to Rail. Attaches with 4 ea. included screws. (Grooves help to center the bracket)



- (5) Cut Top Rail**
- Cut the Series 250 top rail at the angle of the stairs using a high-tooth count metal cutting saw. Paint the cut ends.



- (6) Set Top Rail in Place**
- Place top rail onto RCB to ensure the cut and fit are correct.

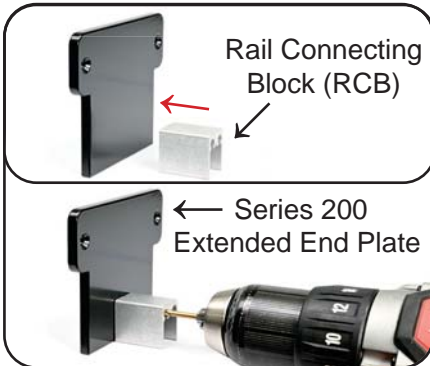


- (7) Attach Top Rail**
- Attach top rail to RCB using 1 screw on each side. Screws should be offset slightly to avoid colliding inside the rail.



- (8) Finished Look w/ Cable**
- After top rail secured, the bottom cover can be snapped on and cables can be ran to finish the installation.

Series 250 Attaching to Series 200 Extended End Plate



(1) Align RCB to Extended End Plate

- A) Align the bottom edges of the RCB and 200 Extended End Plate.
- B) With the RCB centered, pre-drill the extended end plate with 5/32" drill using the RCB as a guide.



(2) Attach Extended End Plate

- Attach extended end plate to series 200 top rail. Pre-drill post using the 2 holes in the end plate as a guide. (Keep end plate tight to post)



(3) Cut Rail Connecting Block (RCB)

- Clip the corner of the RCB at the angle of the stairs so it will be concealed under the top rail. Use tin snips to make cut.



(4) Attach RCB to End Plate

- Attach the RCB to the extended end plate. Attaches with 2 ea. screws using #2 square drive.



(5) Cut Top Rail

- Cut the Series 250 top rail at the angle of the stairs using a high-tooth count metal cutting saw. Paint the cut ends.



(6) Set Top Rail in Place

- Place top rail onto RCB to ensure the cut and fit are correct.



(7) Attach Top Rail

- Attach top rail to RCB using 1 screw on each side. Screws should be offset slightly to avoid colliding inside the rail.



(8) Finished Look w/ Cable

- After top rail secured, the bottom cover can be snapped on and cables can be ran to finish the installation.

Series 250 End Plate Bracket Install - 400 Series Top Rail

***Note - Drink rail must overhang top rail by a minimum of 1/2" on sides/ends for this installation ***



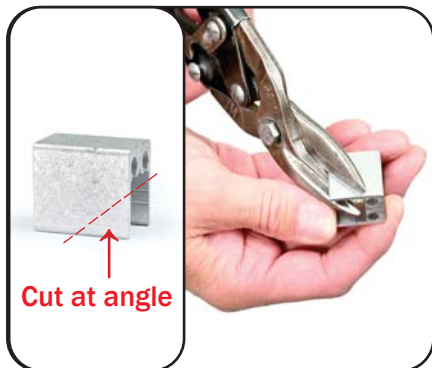
(1) Attach End Plate Bracket
Attach End Plate Bracket to Rail. Attaches with 4 ea. included screws. (Grooves help to center the bracket)



(2) Mark Reference Line
Measure down 1-3/4" from the top of the end plate bracket and mark a temporary line.



(3) Locate Rail Connecting Block (RCB)
Align the RCB with the line made in Step 2 and center the RCB on the end plate bracket. Pre-drill the end plate bracket with 5/32" drill bit using the RCB as a guide.



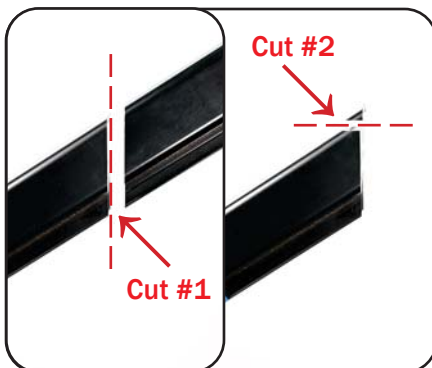
(4) Cut Rail Connecting Block (RCB)
Clip the corner of the RCB at the angle of the stairs so it will be concealed under the top rail. Use tin snips to make cut.



(5) Attach RCB to End Plate
Attach the RCB to the end plate bracket. Attaches with 2 ea. screws using #2 square drive.



(6) Cut Top Rail
Cut the Series 250 top rail at the angle of the stairs using a high-tooth count metal cutting saw. Paint the cut ends.



(7) Top Rail Cuts
2 cuts are required:
1.) Cut top rail at angle of the stairs.
2.) Cut tip of top rail 5/16" down from the end so it fits under the cap rail
(To achieve minimum 34" Rail Height)



(8) Set Top Rail in Place
Place top rail onto RCB to ensure the cut and fit are correct.



(9) Attach Top Rail
Attach top rail to RCB using 1 screw on each side. Screws should be offset slightly to avoid colliding inside the rail.

Series 250 Attaching to Series 400 Extended End Plate

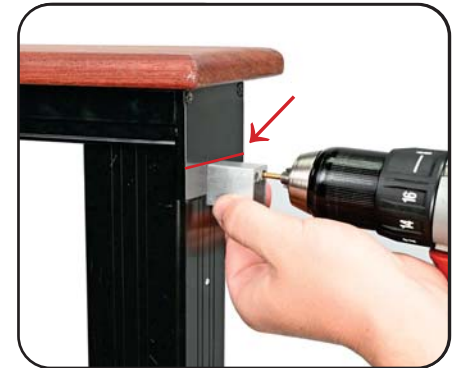
***Note - Drink rail must overhang top rail by a minimum of 1/2" on sides/ends for this installation ***



(1) Attach Extended End Plate
Attach extended end plate to series 400 top rail using 2 ea. screws included.
(Keep end plate tight to post)



(2) Mark Reference Line
Measure down 1-3/4" from the top of the extended end plate and mark a temporary line.
(Keep end plate tight to post)



(3) Locate Rail Connecting Block (RCB)
Align the RCB with the line made in Step 2 and center the RCB on the extended end plate. Pre-drill the end plate with 5/32" drill bit using the RCB as a guide.



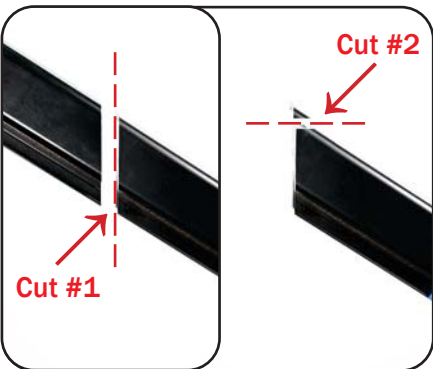
(4) Cut Rail Connecting Block (RCB)
Clip the corner of the RCB at the angle of the stairs so it will be concealed in the top rail. Use tin snips to make cut.



(5) Attach RCB to End Plate
Attach the RCB to the extended end plate. Attaches with 2 ea. screws using #2 square drive.



(6) Cut Top Rail
Cut the Series 250 top rail at the angle of the stairs using a high-tooth count metal cutting saw. Paint the cut ends.



(7) Top Rail Cuts
2 cuts are required:
1.) Cut top rail at angle of the stairs.
2.) Cut top rail level 5/16" down from the end so it fits under the cap rail
(To achieve minimum 34" Rail Height)



(8) Set Top Rail in Place
Place top rail onto RCB bracket to ensure the cut and fit are correct.



(9) Attach Top Rail
Attach top rail to RCB using 1 screw on each side. Screws should be offset slightly to avoid colliding inside the rail.

Contact: _____ Date: _____ Company: _____ CSR: _____ Quote: _____



End Post



Extended End Plate



Single Corner Post



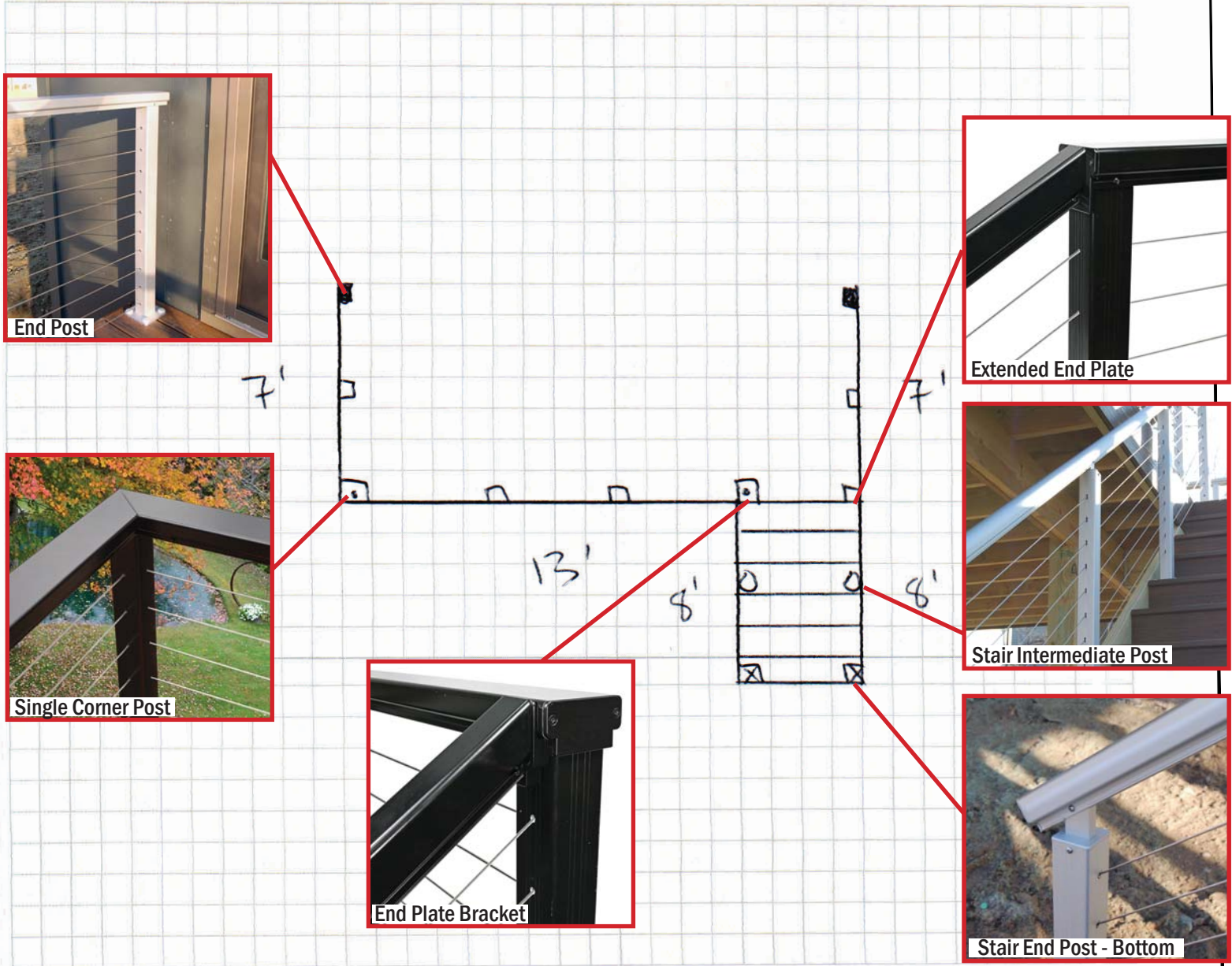
Stair Intermediate Post



End Plate Bracket

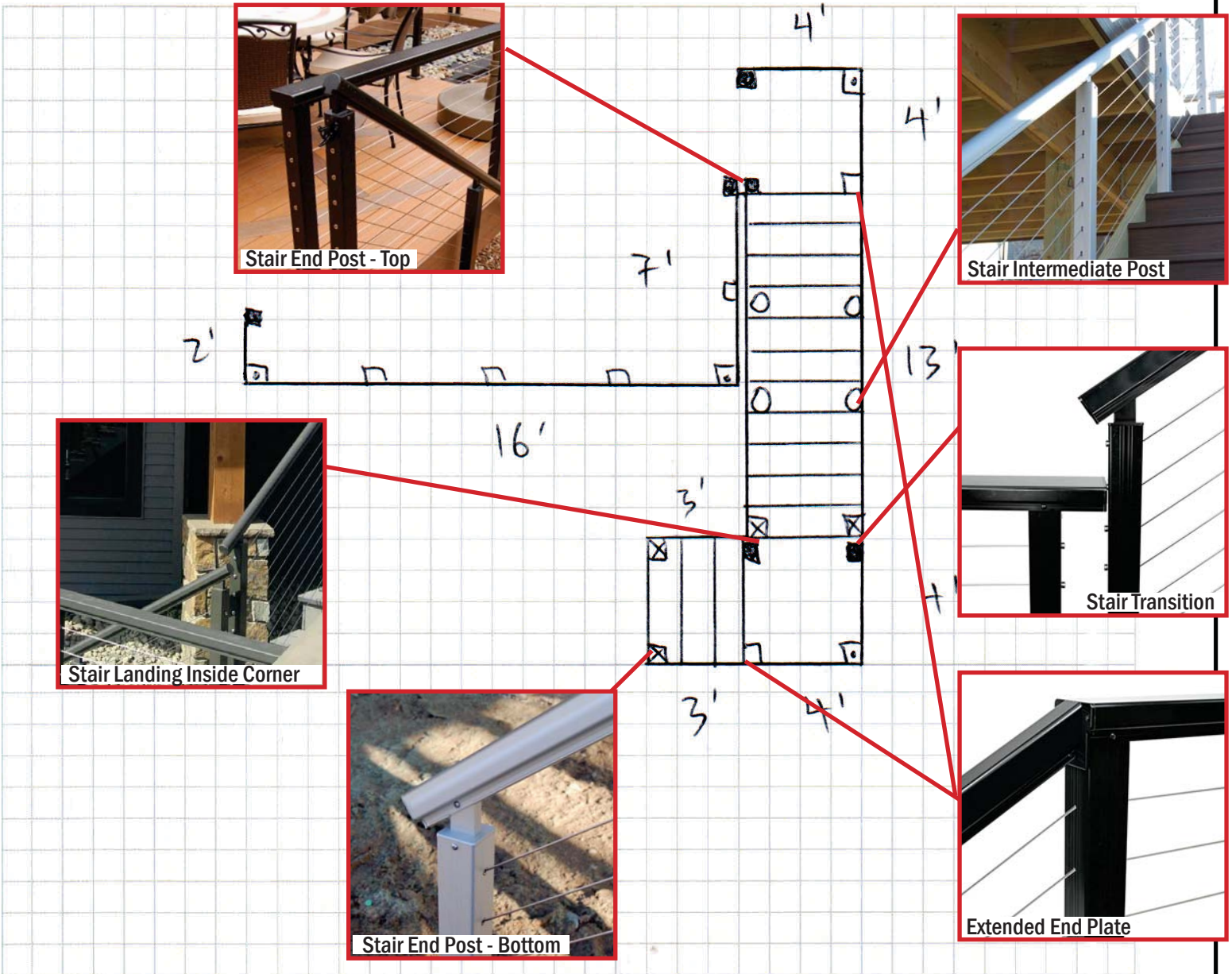


Stair End Post - Bottom



Rail Color:	Black _____	Bronze _____	White _____	Silver _____
Rail Height:	36" _____	42" _____	Notes:	
Cable Kits	Surface Mount Post	Top Rail		Top Rail Splice
22405 _____	■ End Post _____	RFX 200	8' _____	Level _____
22410 _____	□ Intermediate Post _____	RFX 400	8' _____	90 _____
22415 _____	● Corner Post _____	RFX 250	8' _____	135 _____
22420 _____	○ FM Stair Post _____	End Plate:		Stair _____
22425 _____	⊗ FM End Post _____	250 _____ 400 _____ 200 _____		IPF _____
22430 _____	BasePlate _____	End Plate Bracket _____		ADJ. IPF _____
22440 _____	Fascia Mount Post	Fascia Post Components		RCB 1" _____
22450 _____	■ End Post _____	Intermediate Bracket _____		RCB 12" _____
22460 _____	□ Intermediate Post _____	Single Corner Bracket _____		Hardware
22470 _____	○ Stair Post _____	Double Corner Bracket _____		Lags _____
	● Corner Post _____	Flush Mount Post Kit _____		Skirts _____
				Screws _____

Contact: _____ Date: _____ Company: _____ CSR: _____ Quote: _____



Rail Color: Black _____ Bronze _____ White _____ Silver _____

Rail Height: 36" _____ 42" _____ **Notes:** _____ **Top Rail Splice**

Cable Kits	Surface Mount Post	Top Rail	Top Rail Splice
22405 _____	■ End Post _____	RFX 200 _____ 8' _____	Level _____
22410 _____	□ Intermediate Post _____	RFX 400 _____ 8' _____	90 _____
22415 _____	● Corner Post _____	RFX 250 _____ 8' _____	135 _____
22420 _____	○ FM Stair Post _____	End Plate:	Stair _____
22425 _____	⊗ FM End Post _____	250 _____ 400 _____ 200 _____	IPF _____
22430 _____	BasePlate _____	End Plate Bracket _____	ADJ. IPF _____
22440 _____			RCB 1" _____
22450 _____	Fascia Mount Post	Fascia Post Components	RCB 12" _____
22460 _____	■ End Post _____	Intermediate Bracket _____	Hardware
22470 _____	□ Intermediate Post _____	Single Corner Bracket _____	Lags _____
	○ Stair Post _____	Double Corner Bracket _____	Skirts _____
	● Corner Post _____	Flush Mount Post Kit _____	Screws _____



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August 2023

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