

**ML-350F Motor**

120VAC @ 60Hz

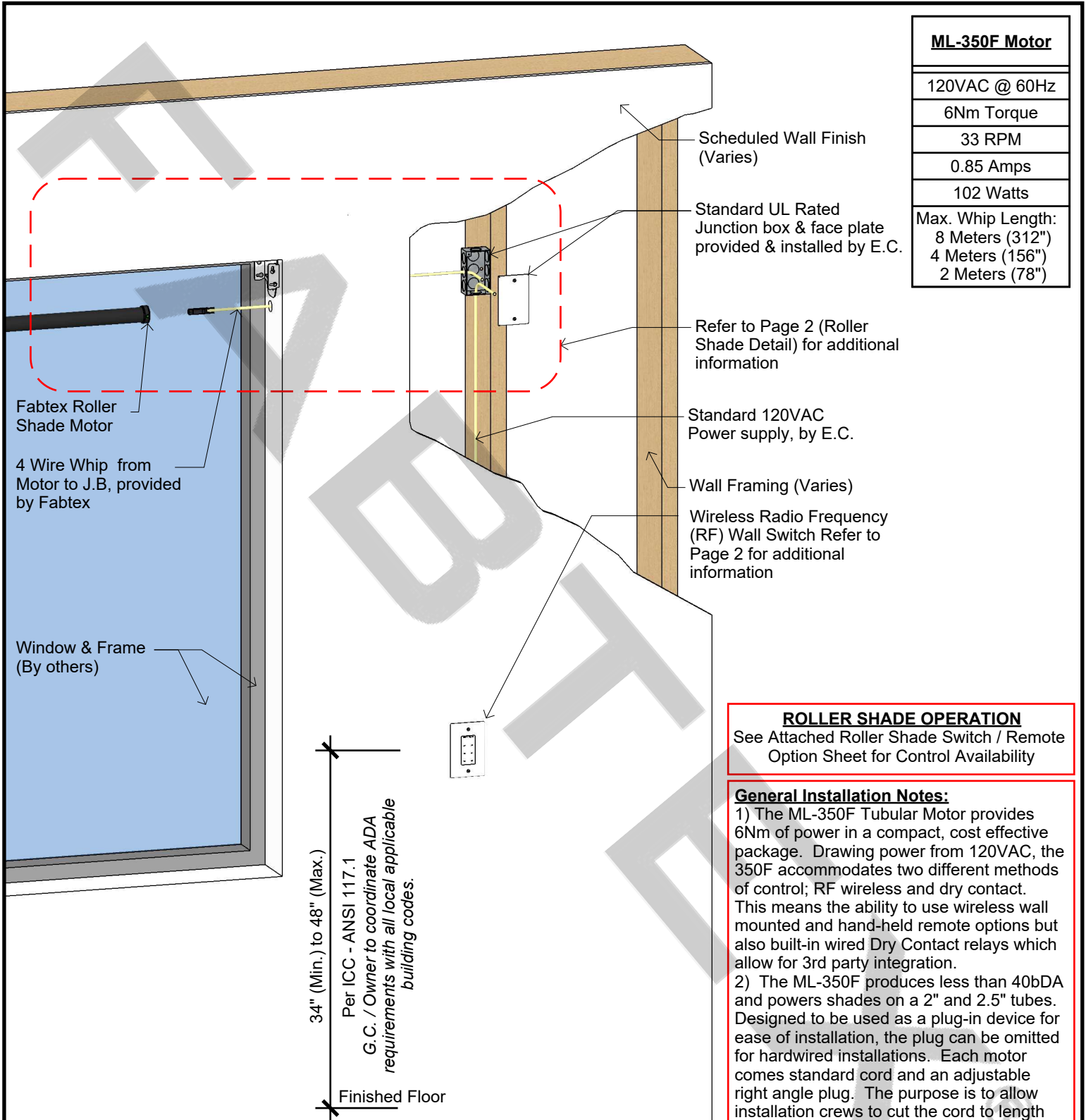
6Nm Torque

33 RPM

0.85 Amps

102 Watts

Max. Whip Length:  
8 Meters (312")  
4 Meters (156")  
2 Meters (78")



**ROLLER SHADE OPERATION**

See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

**General Installation Notes:**

- 1) The ML-350F Tubular Motor provides 6Nm of power in a compact, cost effective package. Drawing power from 120VAC, the 350F accommodates two different methods of control; RF wireless and dry contact. This means the ability to use wireless wall mounted and hand-held remote options but also built-in wired Dry Contact relays which allow for 3rd party integration.
- 2) The ML-350F produces less than 40bDA and powers shades on a 2" and 2.5" tubes. Designed to be used as a plug-in device for ease of installation, the plug can be omitted for hardwired installations. Each motor comes standard cord and an adjustable right angle plug. The purpose is to allow installation crews to cut the cord to length and attach the plug end. When direct wiring is required, a local licensed electrician will be needed to terminate the connection.
- 3) Built-in service disconnect allows for service interchangeability at the motor head. Motor length will accommodate a minimum shade width of 27 inches.

# Overall Wiring Diagram -Hardwired Dual Roller Shade (w/ RF Switch)

Scale: NTS

## AC Motor / RF Control Inside Mount Single Roller Shade Wiring Diagram

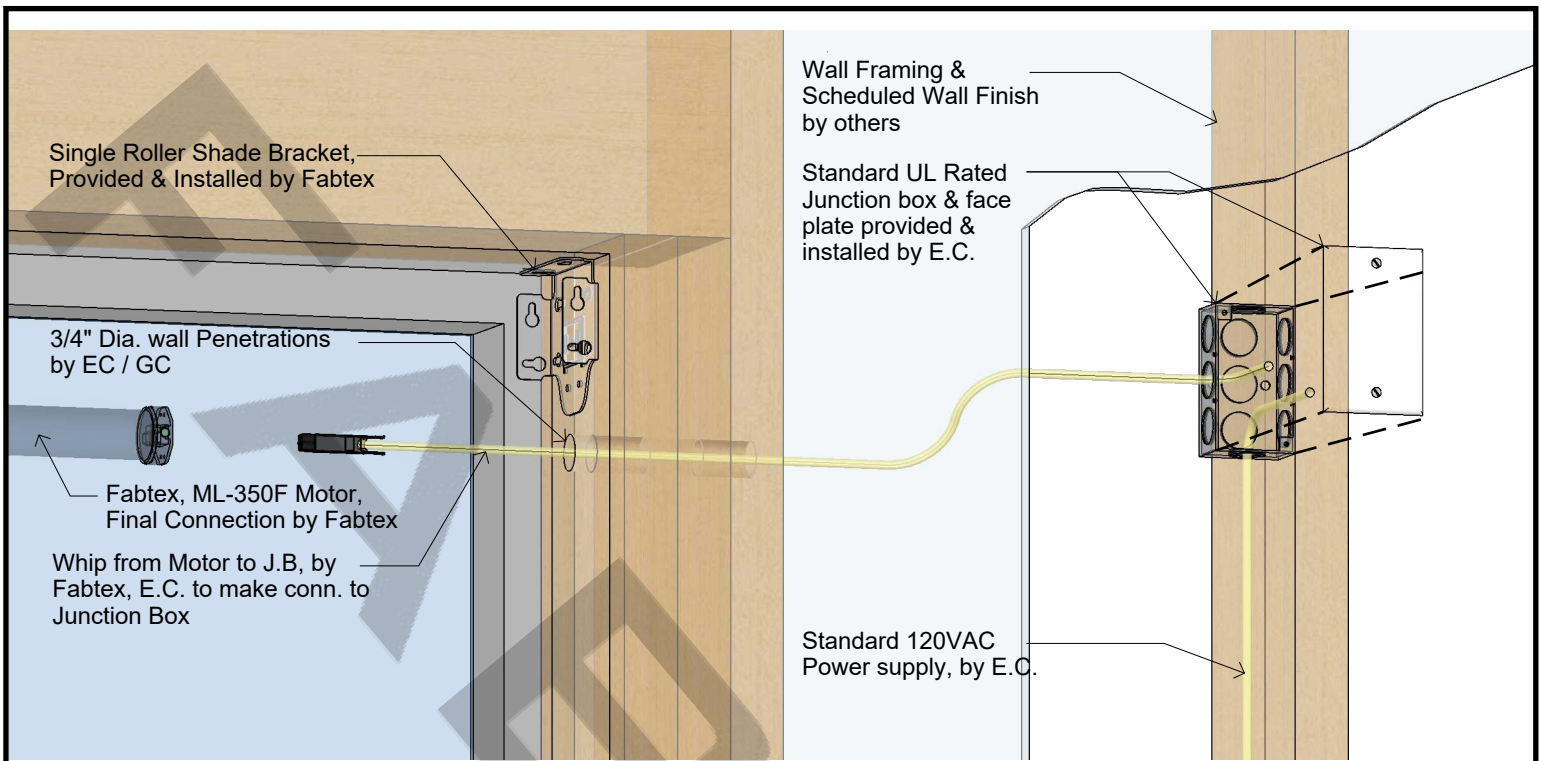
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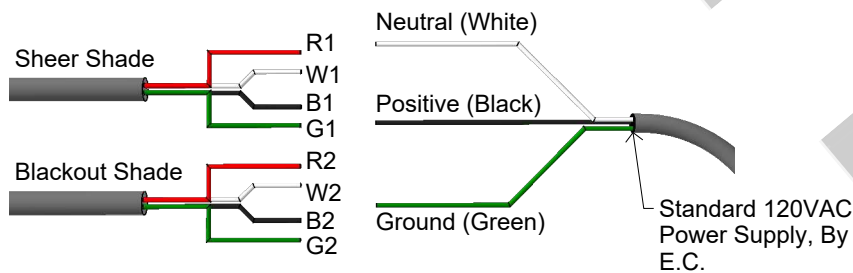
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## Wiring Connection Detail

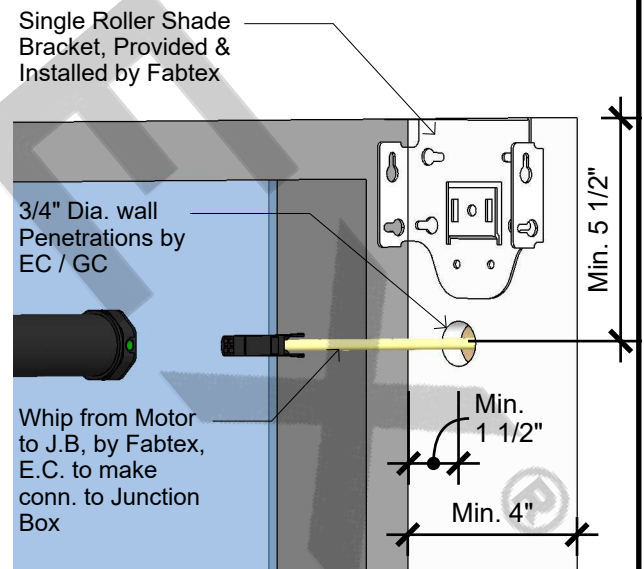
Scale: NTS



	Red	White	Black	Green
Sheer Shade	(R1/R2) RF	(W1/W2) Neutral	(B1/B2) Positive	(G1/G2) Ground
B/O Shade	Antenna			
Power Supply	N/A	Neutral	Positive	Ground

## RF Switch Detailed Diagram

Scale: NTS



## Header Detail

Scale: NTS

### AC Motor / RF Control Inside Mount Single Roller Shade Wiring Diagram

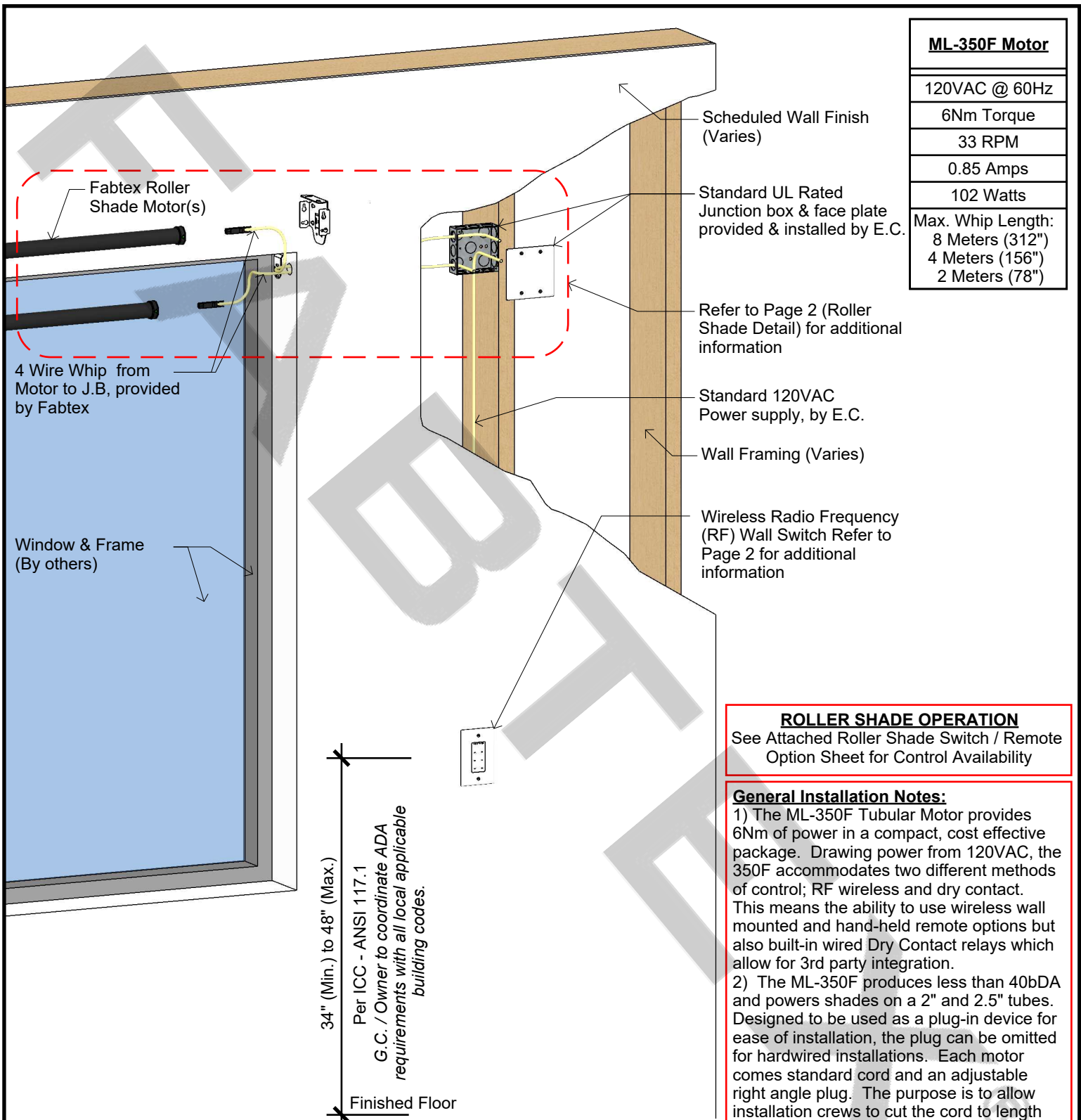
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<b>ML-350F Motor</b>
120VAC @ 60Hz
6Nm Torque
33 RPM
0.85 Amps
102 Watts
Max. Whip Length: 8 Meters (312") 4 Meters (156") 2 Meters (78")


**ROLLER SHADE OPERATION**  
See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

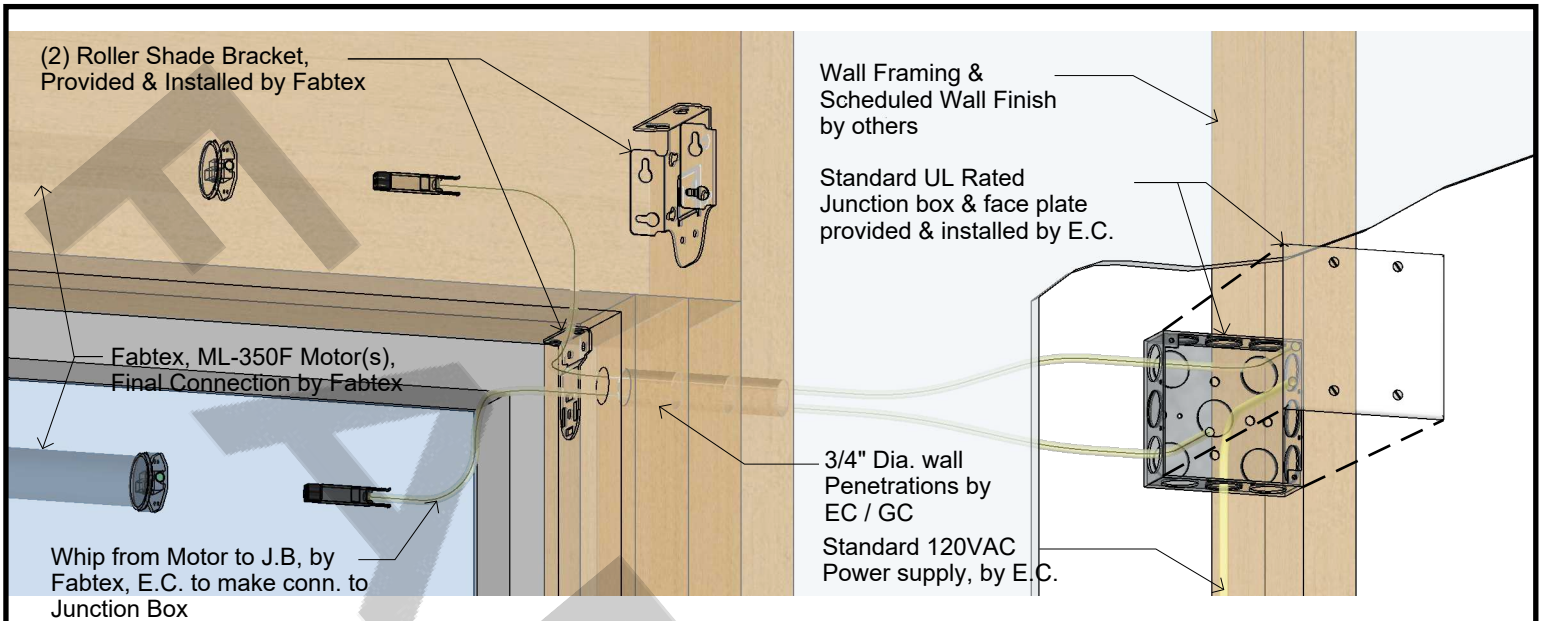
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# Overall Wiring Diagram -Hardwired Dual Roller Shade (w/ RF Switch)

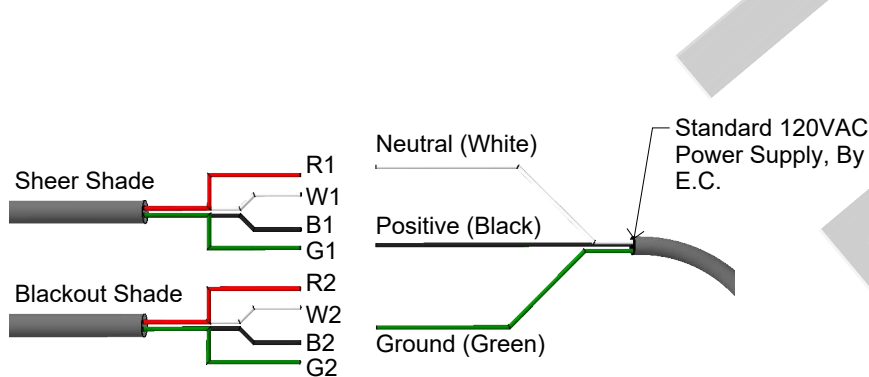
Scale: NTS

<p><b>AC Motor / RF Control Split Mounted (ISM/OSM) Roller Shade Wiring Diagram</b></p>		<p><b>CONFIDENTIAL -</b> All materials disclosed in this document are proprietary to Fabtex, Inc. The holder agrees to maintain it in confidence and must not replicate or reveal this information in any manner.</p>	
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## Wiring Connection Detail

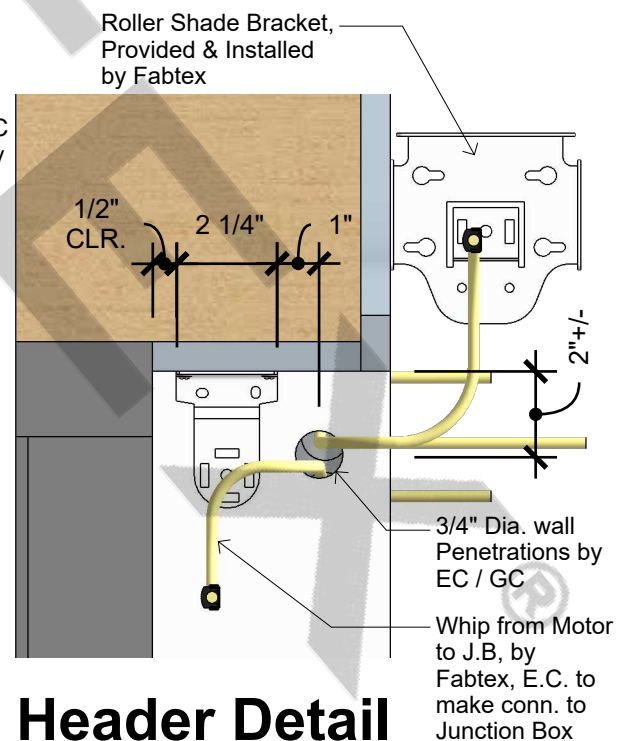
Scale: NTS



	Red	White	Black	Green
Sheer Shade	(R1/R2) RF	(W1/W2) Neutral	(B1/B2) Positive	(G1/G2) Ground
B/O Shade	Antenna			
Power Supply	N/A	Neutral	Positive	Ground

## RF Switch Detailed Diagram

Scale: NTS



## Header Detail

Scale: NTS

### AC Motor / RF Control Split Mounted (ISM/OSM) Roller Shade Wiring Diagram

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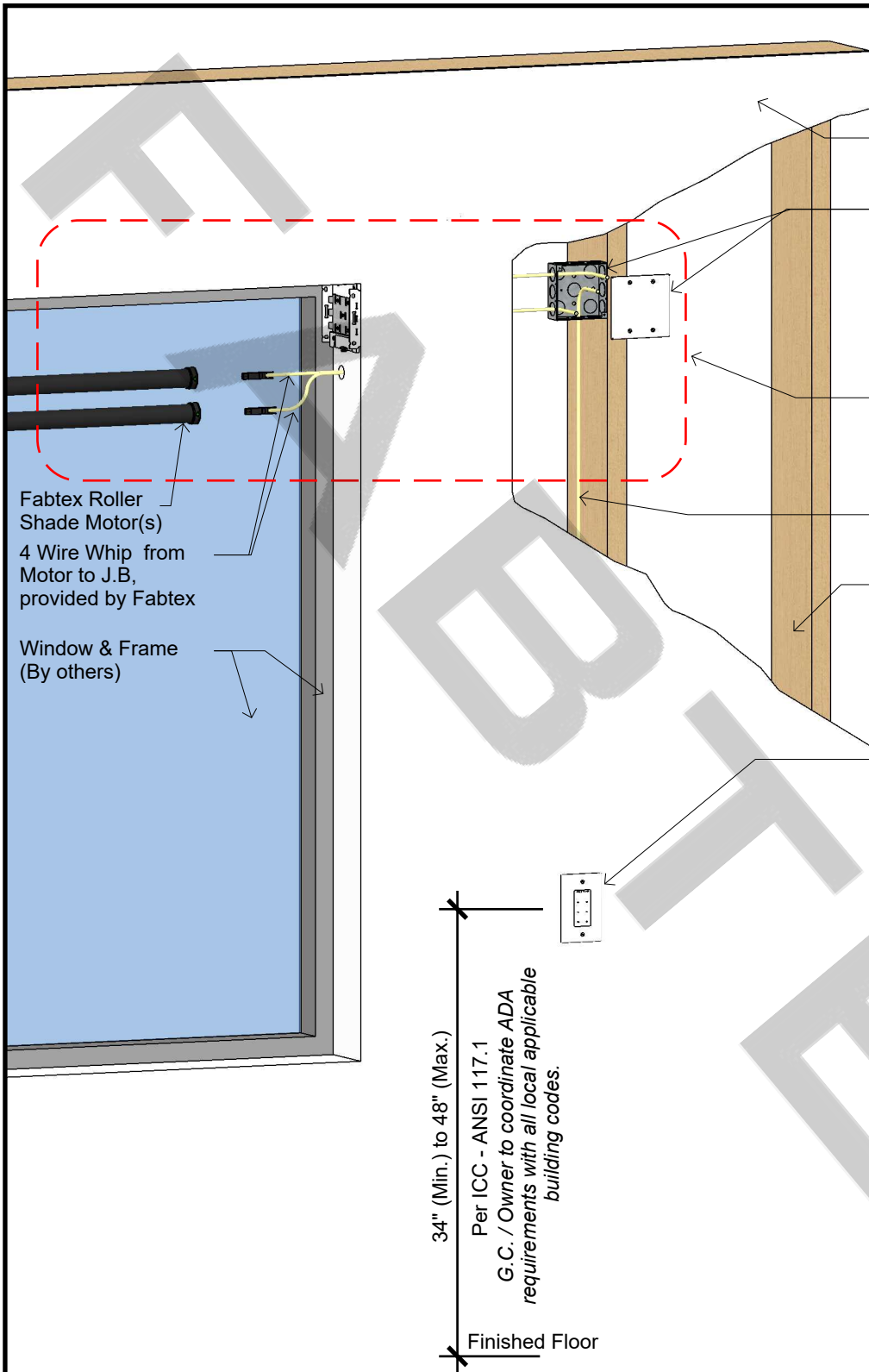
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<b>ML-350F Motor</b>
120VAC @ 60Hz
6Nm Torque
33 RPM
0.85 Amps
102 Watts
Max. Whip Length: 8 Meters (312") 4 Meters (156") 2 Meters (78")

Scheduled Wall Finish (Varies)

Standard UL Rated Junction box & face plate provided & installed by E.C.

Refer to Page 2 (Roller Shade Detail) for additional information

Standard 120VAC Power supply, by E.C.

Wall Framing (Varies)

Wireless Radio Frequency (RF) Wall Switch Refer to Page 2 for additional information

Fabtex Roller Shade Motor(s)  
4 Wire Whip from Motor to J.B., provided by Fabtex  
Window & Frame (By others)

34" (Min.) to 48" (Max.)  
Per ICC - ANSI 117.1  
G.C. / Owner to coordinate ADA requirements with all local applicable building codes.  
Finished Floor

**ROLLER SHADE OPERATION**  
See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

**General Installation Notes:**  
1) The ML-350F Tubular Motor provides 6Nm of power in a compact, cost effective package. Drawing power from 120VAC, the 350F accommodates two different methods of control; RF wireless and dry contact. This means the ability to use wireless wall mounted and hand-held remote options but also built-in wired Dry Contact relays which allow for 3rd party integration.  
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# Overall Wiring Diagram -Hardwired Dual Roller Shade (w/ RF Switch)

Scale: NTS

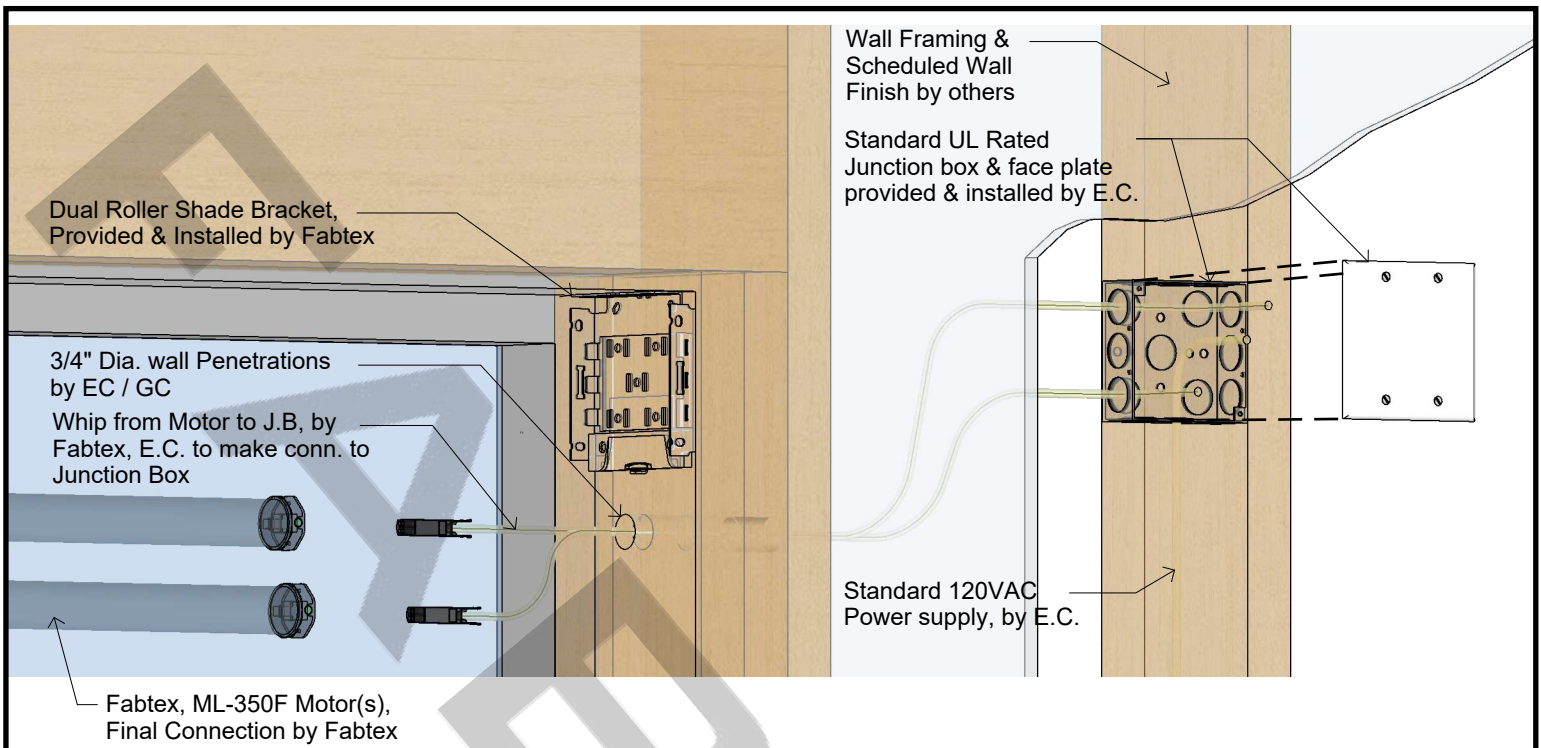
**AC Motor / RF Control Inside Mount Dual Roller Shade Wiring Diagram**

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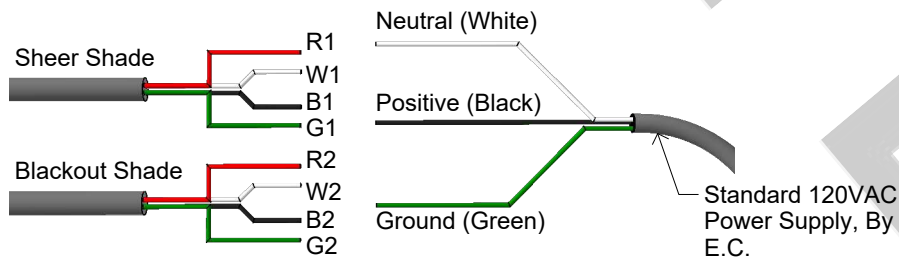
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## Wiring Connection Detail

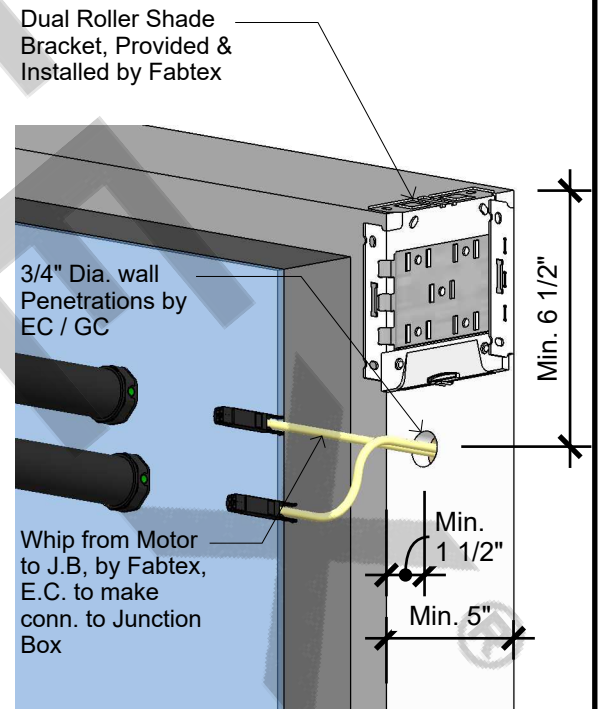
Scale: NTS



	Red	White	Black	Green
Sheer Shade	(R1/R2) RF Antenna	(W1/W2) Neutral	(B1/B2) Positive	(G1/G2) Ground
B/O Shade				
Power Supply	N/A	Neutral	Positive	Ground

## RF Switch Detailed Diagram

Scale: NTS



## Header Detail

Scale: NTS

### AC Motor / RF Control Inside Mount Dual Roller Shade Wiring Diagram

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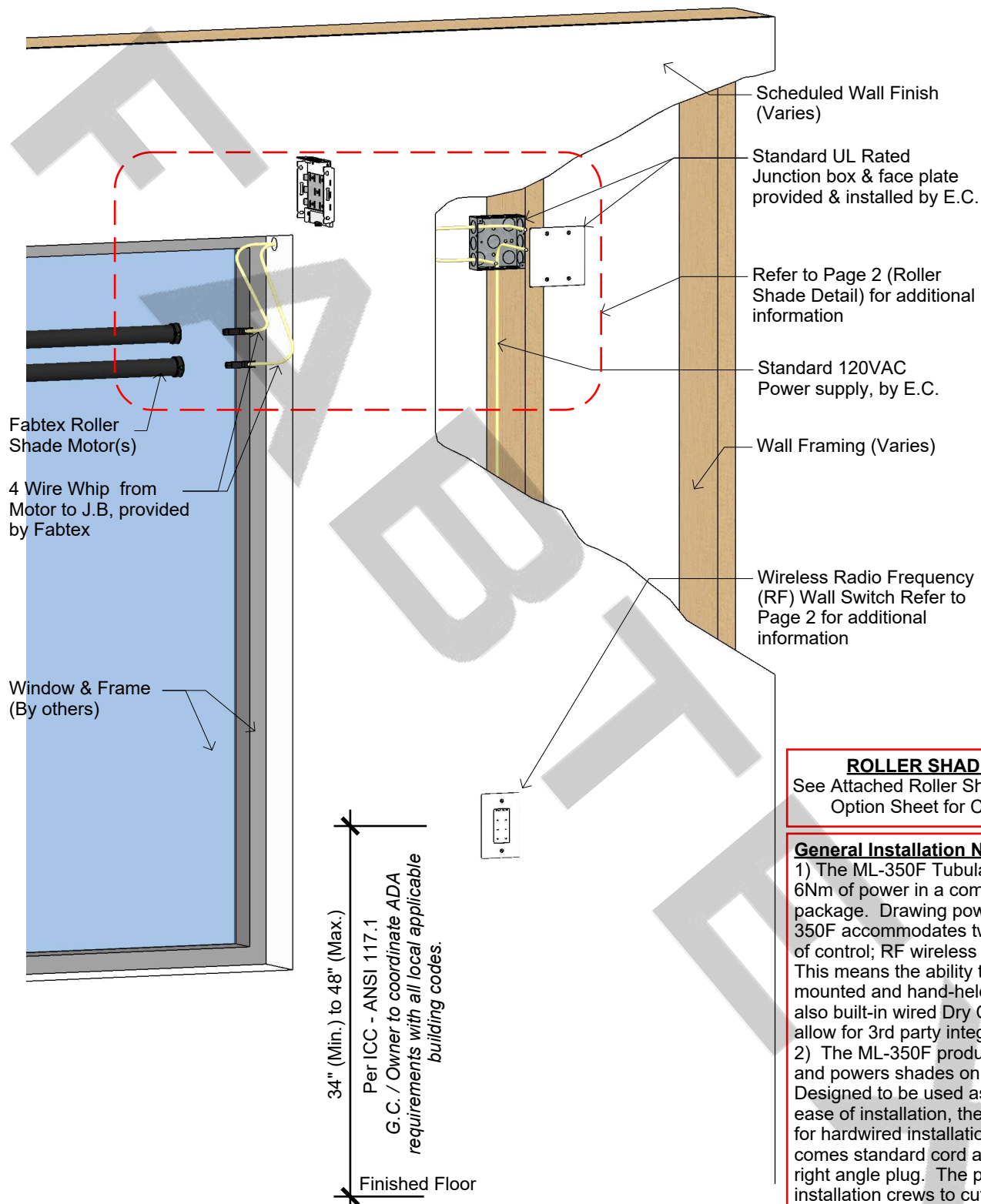
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See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

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# Overall Wiring Diagram -Hardwired Dual Roller Shade (w/ RF Switch)

Scale: NTS

## AC Motor / RF Control Outside Mount Dual Roller Shade Wiring Diagram

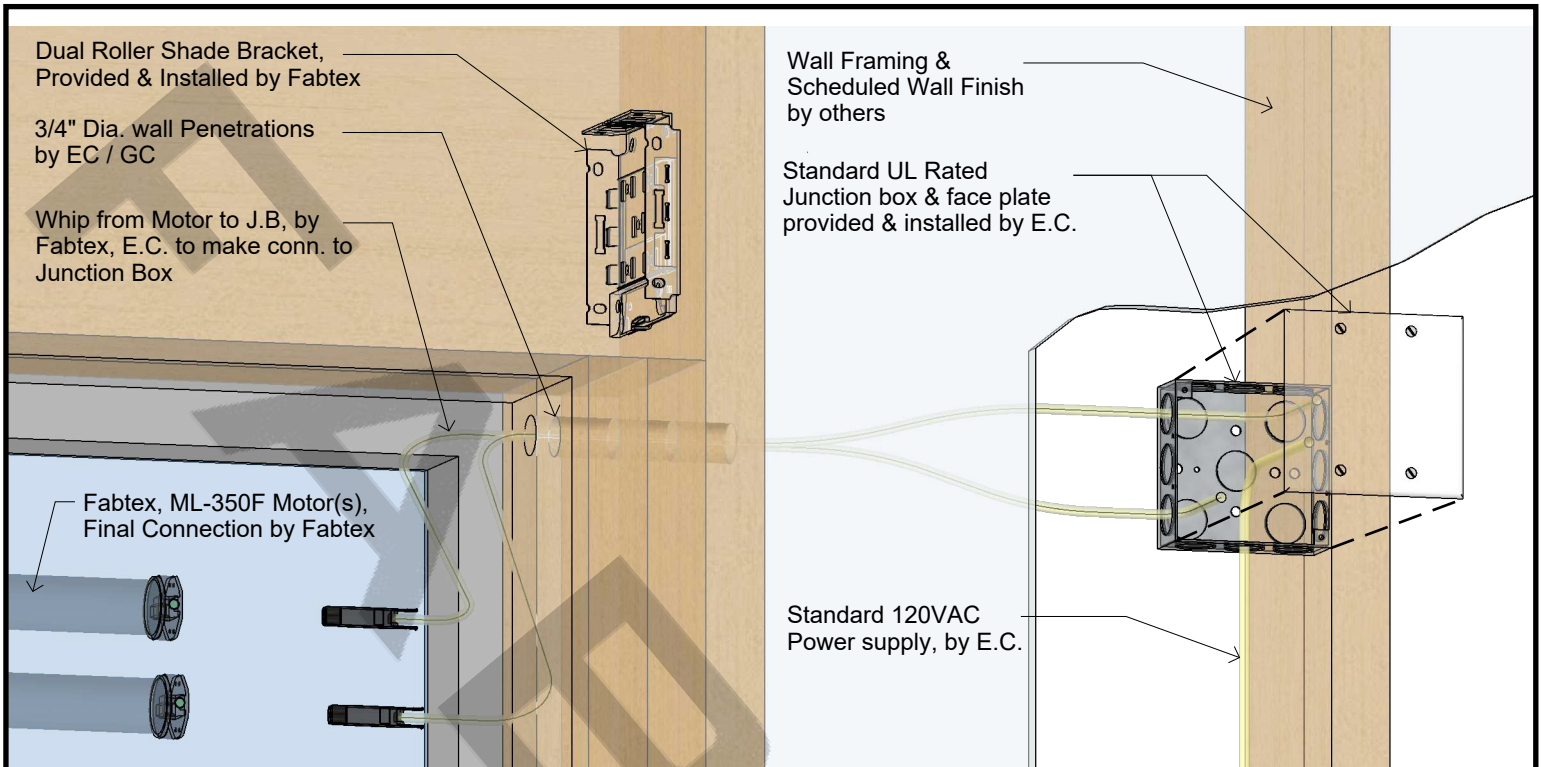
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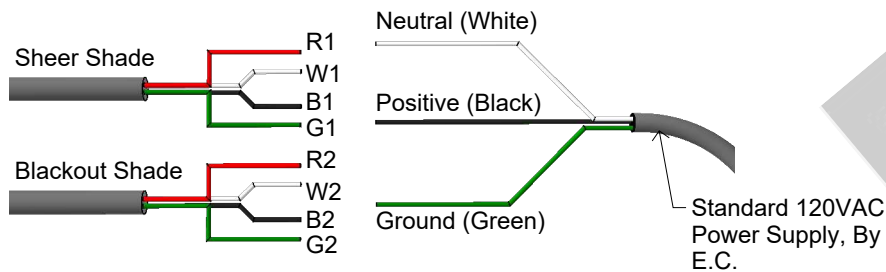






## Wiring Connection Detail

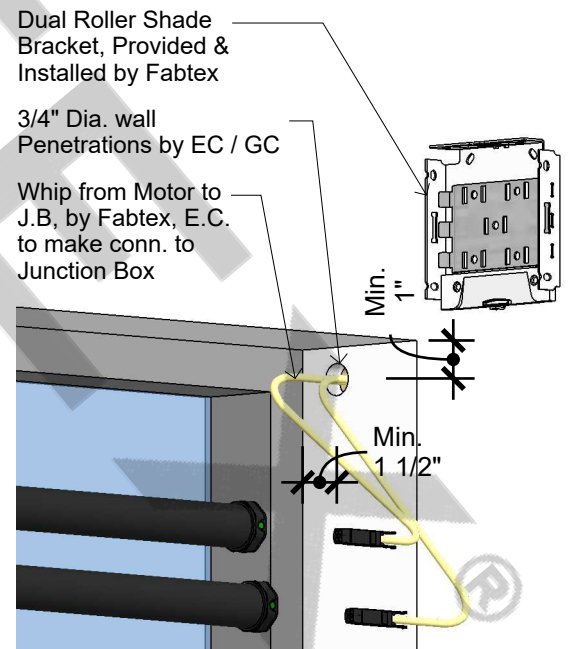
Scale: NTS



	Red	White	Black	Green
Sheer Shade	(R1/R2) RF	(W1/W2) Neutral	(B1/B2) Positive	(G1/G2) Ground
B/O Shade	Antenna	Neutral	Positive	Ground
Power Supply	N/A	Neutral	Positive	Ground

## RF Switch Detailed Diagram

Scale: NTS



## Header Detail

Scale: NTS

### AC Motor / RF Control Outside Mount Dual Roller Shade Wiring Diagram

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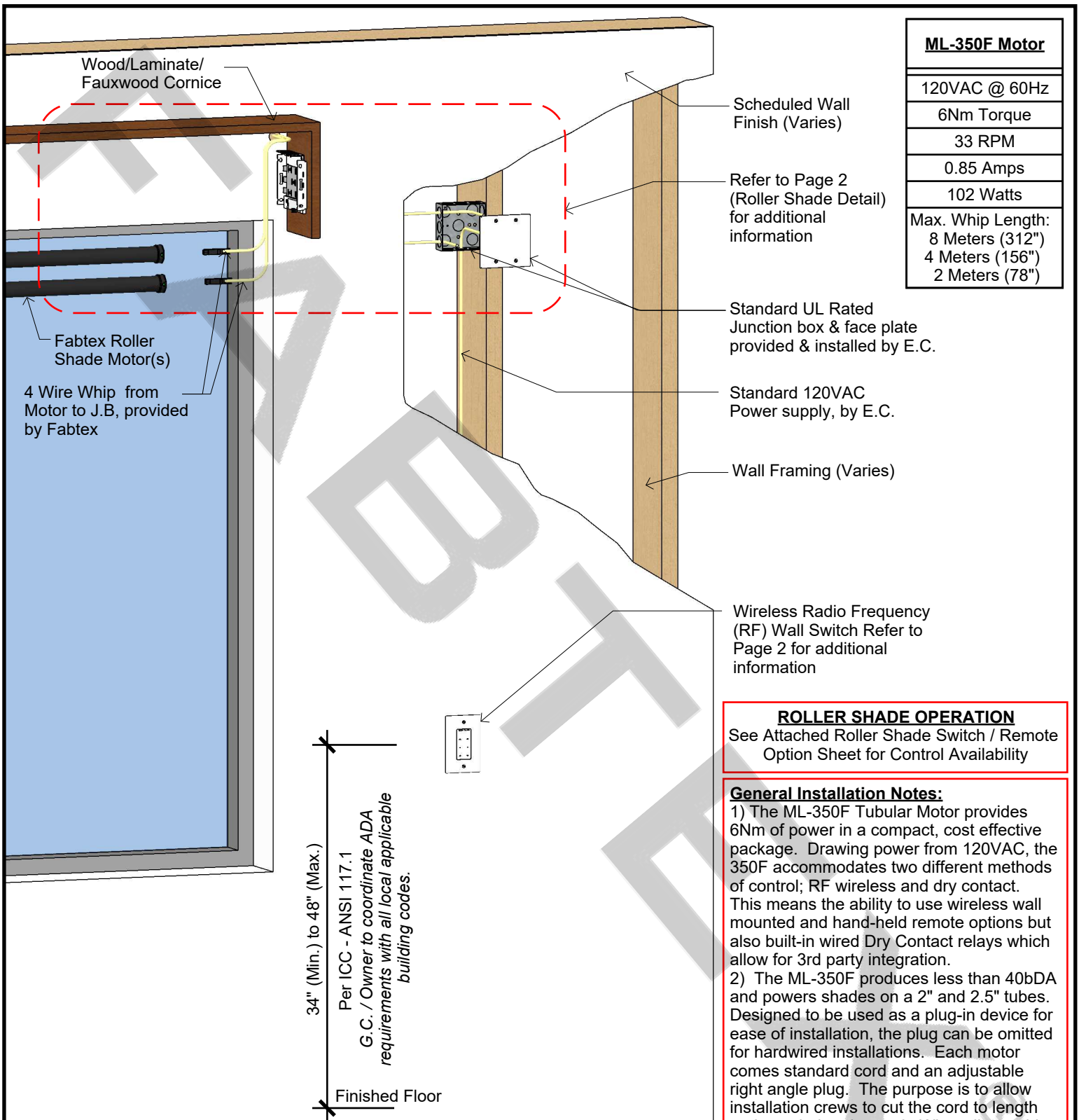
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**ROLLER SHADE OPERATION**  
See Attached Roller Shade Switch / Remote  
Option Sheet for Control Availability

**General Installation Notes:**

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# Overall Wiring Diagram -Hardwired Dual Roller Shade (w/ RF Switch)

Scale: NTS

## AC Motor / RF Control Dual Roller Shade into Cornice Wiring Diagram

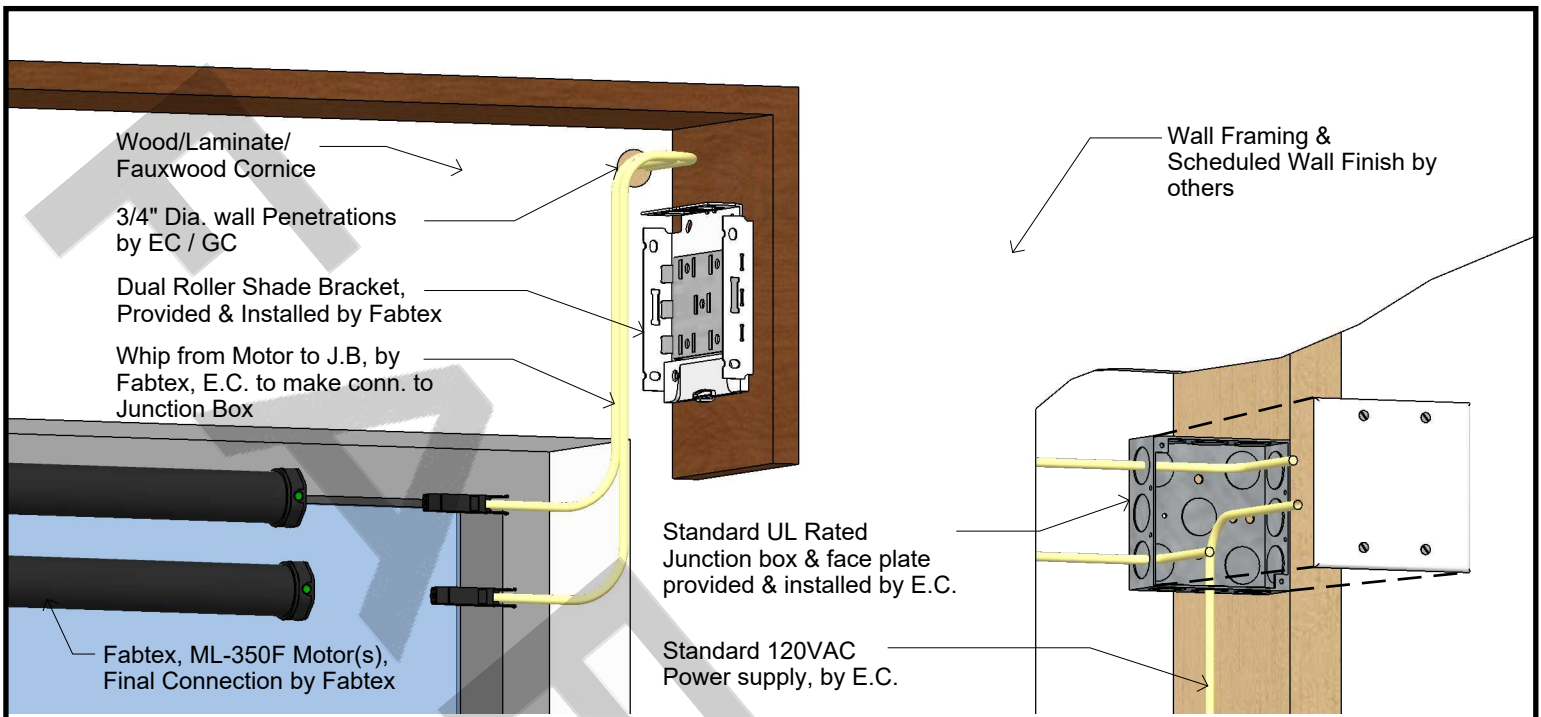
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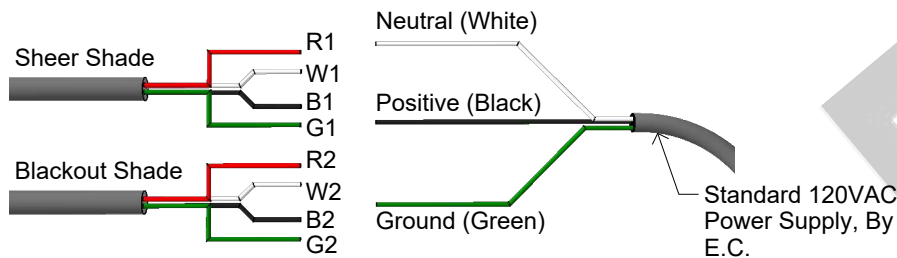
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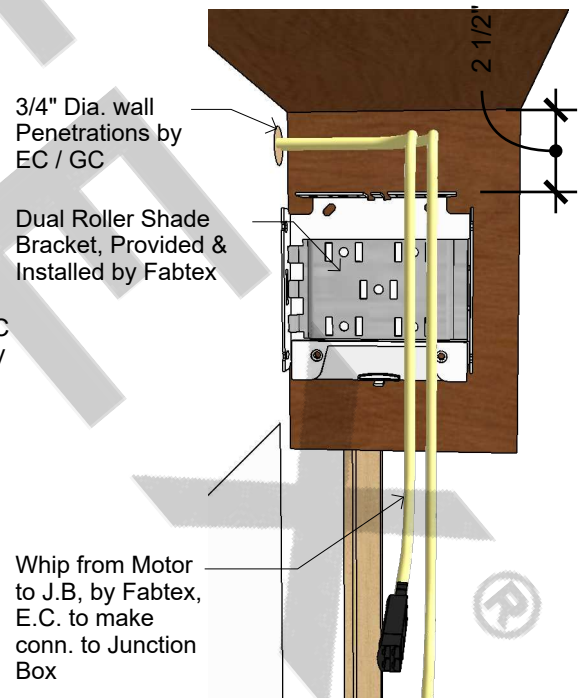
Scale: NTS



	Red	White	Black	Green
Sheer Shade	(R1/R2) RF	(W1/W2) Neutral	(B1/B2) Positive	(G1/G2) Ground
B/O Shade	Antenna			
Power Supply	N/A	Neutral	Positive	Ground

## RF Switch Detailed Diagram

Scale: NTS



## Header Detail

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