



ROLLER SHADES

Design Guide

STEP 1: CHOOSE YOUR SHADE

MANUAL

Manual shades are available in a range of options with a cordless or chain-driven system

- CORDLESS OR CHAIN-DRIVEN
- DUAL SHADE OPTIONS
- MULTI-BAND SHADES AVAILABLE
- MOST AFFORDABLE

MOTORIZED

Motorized shade systems are perfect for controlling occupant comfort and building performance

- IDEAL FOR PUBLIC SPACES (no individuals adjusting shades)
- UNIFORM SHADE HEIGHT (interior and exterior streamline aesthetic)
- EASY-TO-USE REMOTE CONTROL OR WALL SWITCH

AUTOMATED

Maximize daylighting and improve performance with automated exterior and interior sensors

- MOST EFFICIENT (adjust multiple areas and floors all at once)
- MULTIPLE AUTOMATION SOFTWARE OPTIONS
- SHADES MOVE BASED ON TIMED EVENTS (sunset, etc.)

Still debating manual v. motorized? Consider the use of the space...

Is it open to the public? If so, are you okay with people adjusting the shades on their own?

How much space do you need to cover?

Manual shades are **generally** not advised for windows taller than 20 ft or wider than 10 ft – especially if the shades are cordless. Ultimately, limitations are based on weight.

Who will be raising and lowering it?

It is important to be mindful of the time it may take to adjust a large number of individual shades and the physical strength it may take to lift a larger shade.



STEP 2: CHOOSE YOUR SHADE CLOTH

Explore a variety of options to find the shades that best serve *your* space:

- UV PROTECTION
- MEDICAL-GRADE
- FLAME-RETARDANT
- FADE RESISTANT
- SOUND ABSORBING
- BLACKOUT
- 1% SHEER
- 3% SHEER
- 5% SHEER
- DUAL SHADE



STEP 3: CHOOSE YOUR MOTOR

MOST COMMON MOTORS

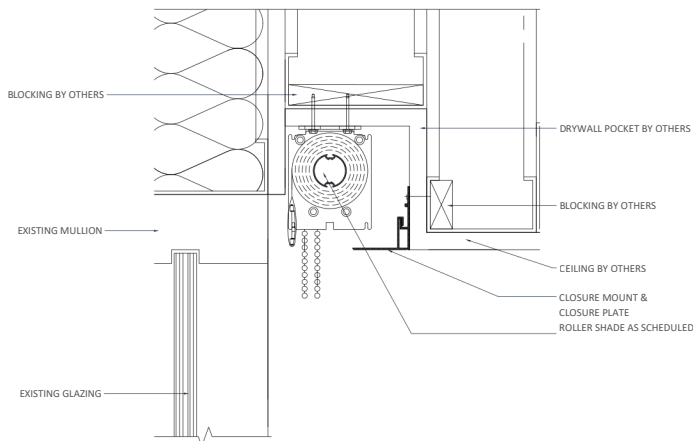
Somfy RTS	Operates on Radio Transmission (wireless control); offers a range of approximately 50 ft; typically 1-5 rooms
Somfy rs485	Smart motor (line voltage); works well for medium to large projects and/or across multiple spaces
IntelliFlex I/O	Smart motor (line voltage); works well for medium to large projects and/or across multiple spaces
WhisperShade IQ2+	Smart motor (line voltage); works well for medium to large projects and/or across multiple spaces
WhisperShade IQ2-DC	Smart motor (low voltage); works well for medium to large projects and/or across multiple spaces
Sivoia QS	Low voltage; used on all projects with Lutron shades; power panel or battery required

There are many motor options available, and AEC has the expertise to guide you through the decision-making process.

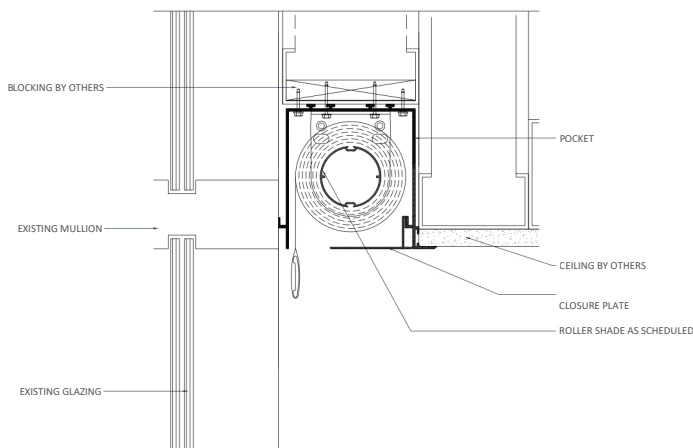
Reach out so we can help you choose the best motor for your project.

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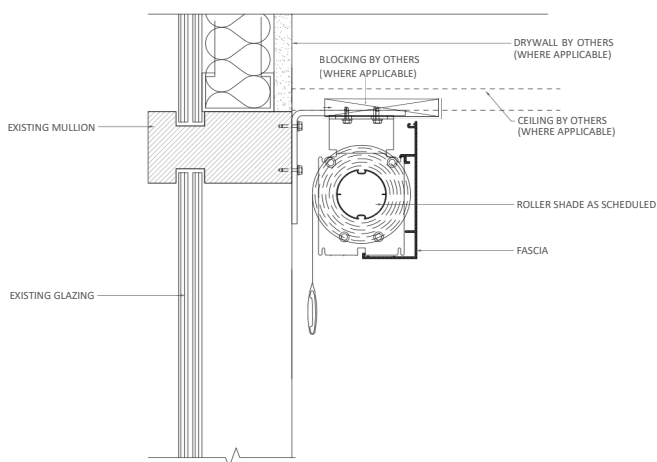
STEP 4: CHOOSE YOUR INSTALLATION



TYPICAL MOUNT IN GYP POCKET



TYPICAL MOUNT IN ALUMINUM POCKET



TYPICAL SURFACE MOUNT WITH FASCIA



Roller shades can essentially be installed one of two ways – mount in pocket or surface mount with fascia. As always, reach out to AEC for guidance in your decision-making.



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