

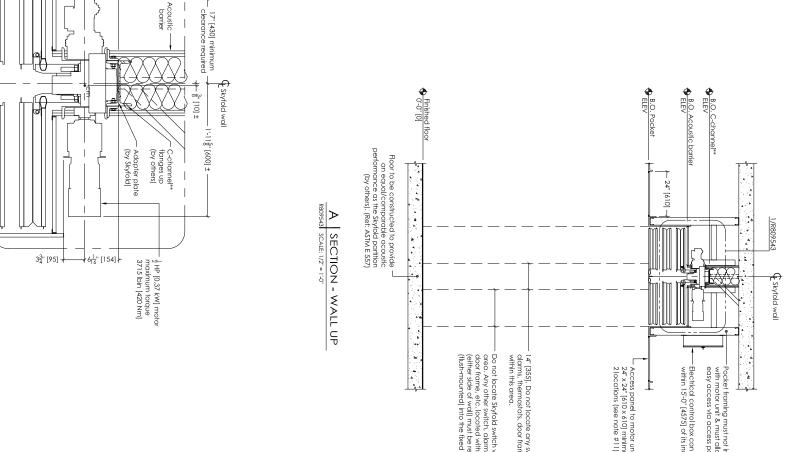
B SECTION - LOADS @ HANGERS

DETAIL - SKYFOLD MECHANICAL

B.O. Acoustic barrier ELEV A.F.F.

4 Shaft

THIS DRAWING IS INTENDED AS A GUIDE. IN ALL CASES SKYFOLD SHOP DRAWINGS SPECIFIC TO EACH PROJECT ARE REQUIRED FOR FINAL BUILD-TO DIMENSIONS.



PLAN SCALE: 3/8" = 1'-0"



Part of the Ralltech Architectural Group

NOTES TO G.C.

- Give special attention to any obstructions to ceiling pockets & cables (i.e. ducts, sprinkler pipes, drain pipes, electrical conduits, etc.).
- One steel C-channel** (flanges up) to be supplied & installed by others. Alternate steel support to be approved
- **C-channel designation:

North & South America = C8 × 11.5 [C200 × 17] Europe = C200 × 75 Asia = C200 × 80

Support steel above the wall along its axis must be parallel to the floor within $\frac{1}{2}$! [12.7] for the entire length of the wall (this includes loaded deflection).

- Attachment details of C-channel** to structure to be designed by others & must not interfere with Skyfold hangers or motor unit or lifting cables.
- Structural steel support & bracing must not interfere with motor mounts or ceiling supports.
- Sprayed-on freproofing (mineral wool & cement) is not recommended for use on the steel support to which Skyfold is attached. An intumescent coating or firm is preferred. Local building codes must be respected. Freproofing is by others.
- Approximate weight of wall: Maximum weight per hanger: xxxx lbs. [xxxx kg.]
- Maximum cable tension: XXX lbs. [XXX N.]
- Specified electrical: 208 VAC, 3Ø, 60 Hz. * POWER MUST BE AVAILABLE AT TIME OF INSTALLATION.

THE ELECTRICAL CONTROL BOX IS TO BE MOUNTED BY THE ELECTRICAL CONTRACTOR.

- 24 volt key switch controls & boxes to be installed by electrical contractor as per standard light switch. Boxes to be fitted at leastered key switch boardinn with suitable cable run back through ceiling void to control box position, including sufficient spare to allow connection. Key switches are supplied by Skyfold & are required on each side of the wall.
- Motor size:
 Full load amp: Varies - project-specific XXXX A
- Skyfold requires two 24" x 24" (610 x 610] (minimum) occess panels in acoustic ceiling directly beside motor for installation & maintenance of system. Not required if finished ceiling is suspended ceiling tiles.
- Drive unit to be installed prior to construction of acoustic barrier & pocket. All pocket construction (gypsum, suspended ceiling tile, framing, etc.) is by others.
- Do not scale from this drawing. All dimensions must be verified on site.
- Dimensions in [] are in millimeters (mm) unless noted otherwise.

LEGEND

→HH+[] KEY SWITCH CONTROL CEILING SUPPORT & HANGER

CEILING ACCESS PANEL

TYPICAL EVEN SKYFOLD WALL

X @ X'-X" [XXXX] x X'-X" [XXXX] B.O. Pocket Compact drive unit

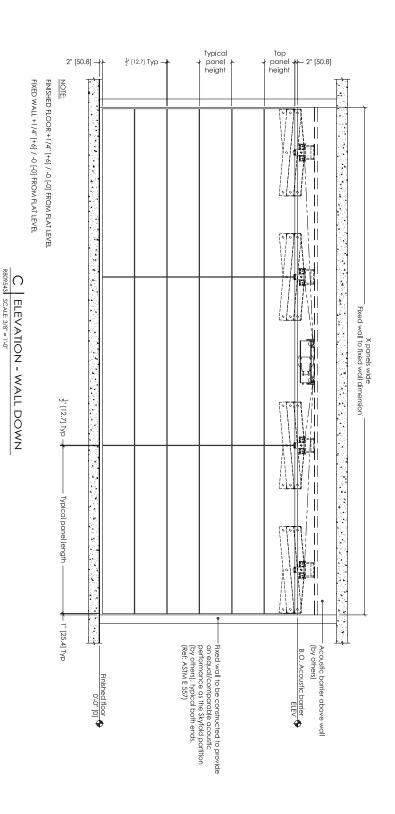
PLAN & MECHANICAL DETAILS

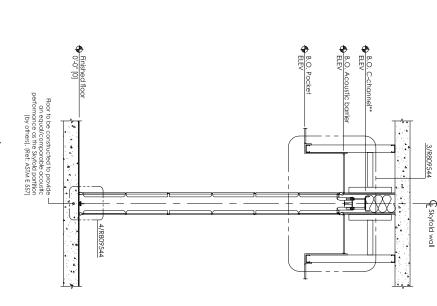
	Drawn by	
	Date	
-	Approved by	
	Date	

As noted

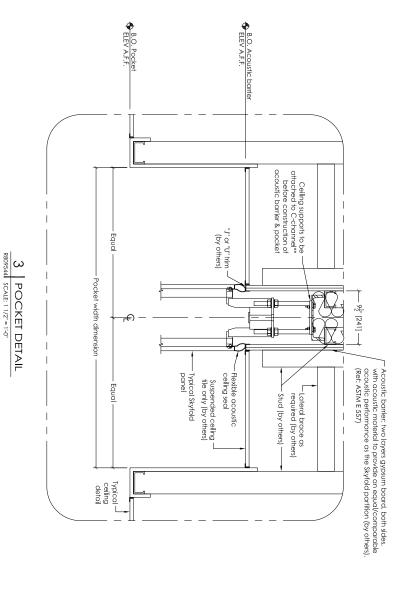
R809543

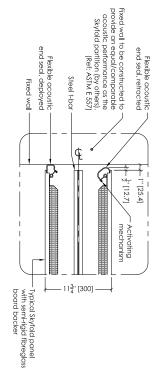
1 of 3 Revision



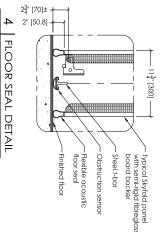


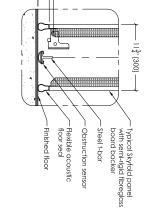
D SECTION - WALL DOWN











SKYFOLD® classic ...

Part of the Ralltech Architectural Group

NOTES TO G.C.

- Give special attention to:
- Any obstructions to ceiling pockets & cables (i.e. ducts, sprinkler pipes, drain pipes, electrical conduits, etc.),
- Tolerances of fixed walls & finished floor,
- Removable ceiling tile for top of pocket.

Acoustic performance:

Skyfold Classic

North America: STC: 51 as per ASTM E90

Rw: 51 as per ISO 140-3, Part 3 & ISO 717-1.2

Skyfold Classic Elite

North America: STC: 57 as per ASTM E90

Rw: 56 as per ISO 140-3, Part 3 & ISO 717-1.2

Skyfold Classic NR

North America: STC: 50 as per ASTM E90 NRC: 0.65 as per C423

Rw: 49 as per ISO 140-3, Part 3 & ISO 717-1.2 SAC: 0.65 as per ISO 354.

- Skyfold requires two $2\ell^* \times 2\ell^*$ (6)0 x 610] (minimum) access panels in acoustic celling directly beside motor for installation & moniterance of system. Not required if finished celling is suspended celling files.
- Drive unit to be installed prior to construction of acoustic barrier & pocket. All pocket construction (gypsum, suspended ceiling tile, framing, etc.) is by others.
- The floor underneath the wall along its axis must be flat to within $\frac{1}{4}$ " [6] over the entire length of the wall. A peak to valley undulation of $\pm \frac{1}{4}$ " [6] must not be closer together than 24" [610]. A peak to valley undulation of $\pm \frac{1}{8}$ " [3] must not be closer together than 12" [305].
- Do not scale from this drawing. All dimensions must be verified on site.
- Dimensions in [] are in millimeters (mm) unless noted otherwise.

North & South America = $C8 \times 11.5 [C200 \times 17]$ Europe = $C200 \times 75$ Asia = $C200 \times 80$ **C-channel designation:

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TYPICAL EVEN SKYFOLD WALL

X @ X'-X'' [XXXX] \times X'-X'' [XXXX] B.O. Pocket Compact drive unit

PANEL & POCKET DETAILS

R809544 As noted 2 of 3 Revision 5

R809544 SCALE: 1 1/2" = 1'-0'