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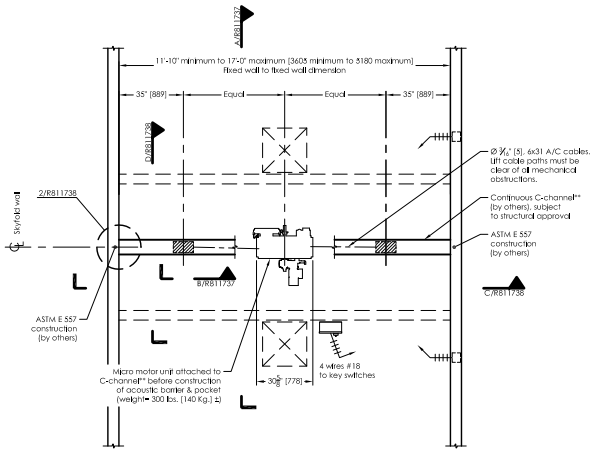
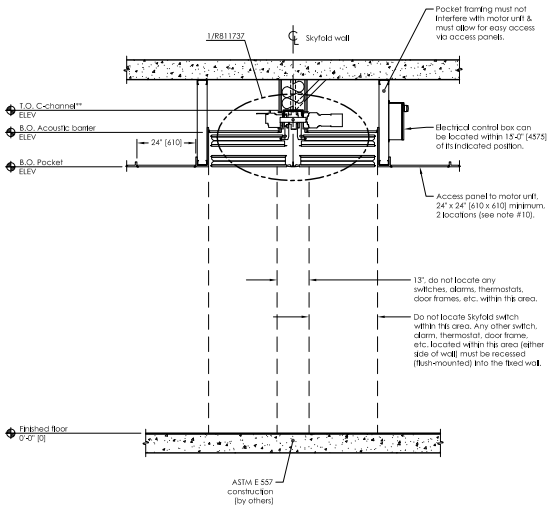
SKYFOLD® classic™

Part of the Ralltech Architectural Group



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



A | SECTION - WALL UP
R811737 SCALE: 1/2" = 1'-0"

NOTES TO G.C.

1. Give special attention to any obstructions to ceiling pockets & cables (ie. ducts, sprinkler pipes, drain pipes, electrical conduits, etc.).
2. One steel C-channel** (flanges down) to be supplied & installed by others. Alternate steel support to be approved by Skyfold.

   **C-channel designation:

   North & South America = C8 x 11.5 [C200 x 17]

   Europe = C200 x 75

   Asia = C200 x 80
3. Attachment details of C-channel** to structure to be designed by others & must not interfere with Skyfold hangers or motor unit or lifting cables.
4. Structural steel support & bracing must not interfere with motor mounts or ceiling supports.
5. Approximate weight of wall: XXXX lbs. [XXXX Kg.]

   Maximum weight per hanger: XXX lbs. [XXXX Kg.]
6. Maximum cable tension: XXX lbs. [XXX N.]
7. 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.
8. 24 volt key switch controls to be installed by electrical contractor as per standard light switch. Key switches are supplied by Skyfold & are required on each side of the wall.
9. Motor size: Varies- Project-specific.
10. Skyfold requires two 24" x 24" [610 x 610] (minimum) access panels in acoustic ceiling directly beside motor for installation & maintenance of system. Not required if finished ceiling is suspended ceiling tiles.
11. All pocket construction (gypsum, suspended ceiling tile, framing, etc.) is by others.
12. Dimensions in [ ] are in millimeters [mm] unless noted otherwise.

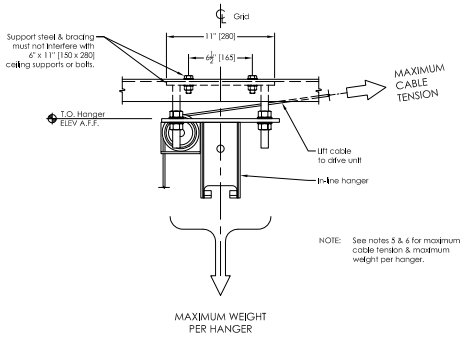
LEGEND

- KEY SWITCH CONTROL
- CEILING SUPPORT AND HANGER
- CEILING ACCESS PANEL

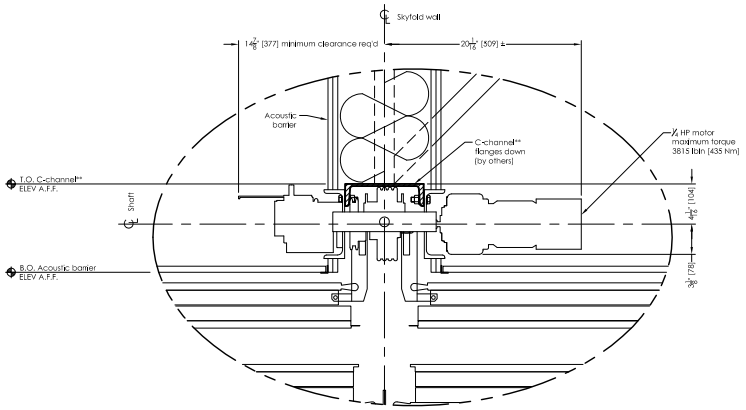
NOTE:
SEE DRAWINGS R811826 & R811827 FOR 17'-0" MINIMUM TO 24'-0" MAXIMUM (5180 MINIMUM TO 7315 MAXIMUM) LONG WALL CONDITIONS.

SEE DRAWINGS S1419 & S1420 FOR 24'-0" MINIMUM TO 36'-0" MAXIMUM (7318 MINIMUM TO 10973 MAXIMUM) LONG WALL CONDITIONS.

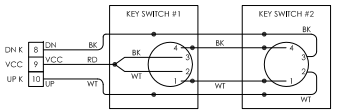
THIS DRAWING IS INTENDED AS A GUIDE. IN ALL CASES SKYFOLD SHOP DRAWINGS SPECIFIC TO EACH PROJECT ARE REQUIRED FOR FINAL BUILD TO DIMENSIONS.



B | SECTION - LOADS @ HANGERS
R811737 SCALE: 2" = 1'-0"



1 | DETAIL - SKYFOLD MECHANICAL
R811737 SCALE: 2" = 1'-0"



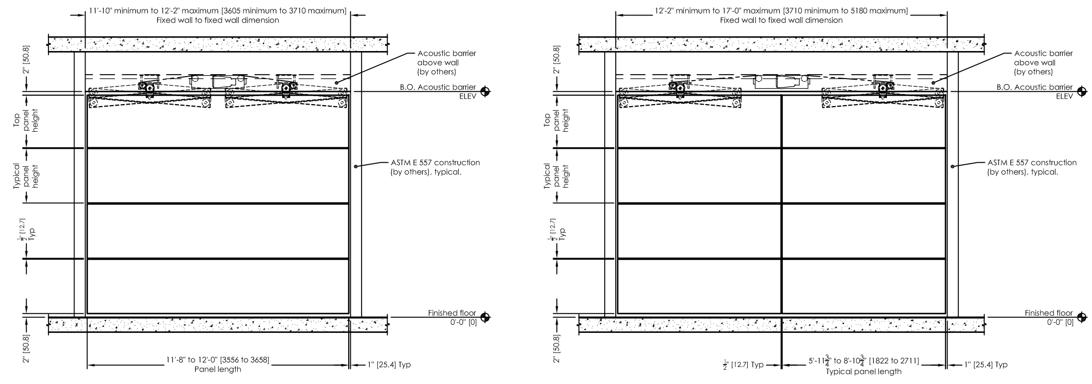
WIRING DIAGRAM FOR KEY SWITCHES IN SERIES
SCALE: NONE

TYPICAL SKYFOLD WALL

11'-10" min to 17'-0" max
[3605 min to 5180 max]
x 9'-0" max [2745 max] B.O. Pocket
MICRO DRIVE UNIT

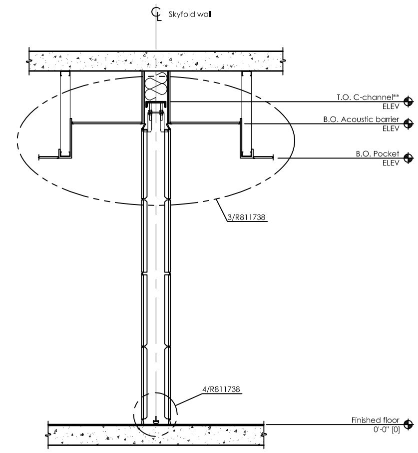
MECHANICAL & ELECTRICAL DETAILS

drawn/dessiné	date
approved/approuvé	project number/numéro de projet
revision 4	drawing number/numéro de dessin R811737

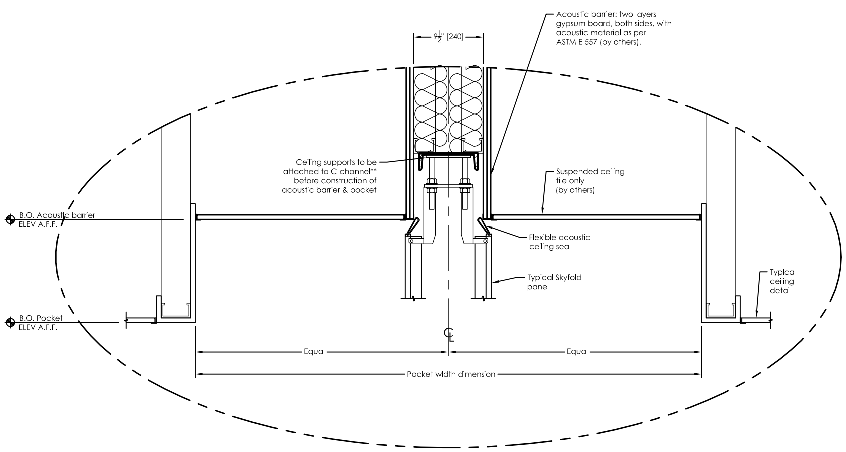


NOTE: FINISHED FLOOR +1/4" [+6] -0 [-0] FROM FLAT LEVEL
FIXED WALL +1/4" [+6] -0 [-0] FROM FLAT VERTICAL

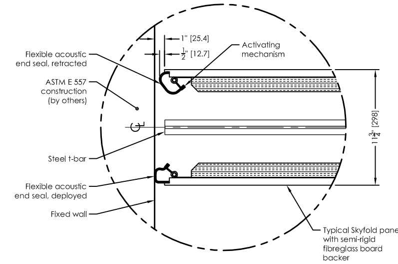
C | ELEVATION - WALL DOWN
R811737 | SCALE: 3/8" = 1'-0"



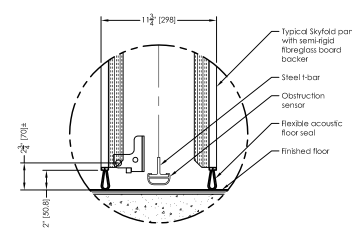
D | SECTION - WALL DOWN
R811737 | SCALE: 1/2" = 1'-0"



3 | POCKET DETAIL
R811738 | SCALE: 1 1/2" = 1'-0"



2 | END SEAL DETAIL
R811737 | SCALE: 2" = 1'-0"



4 | FLOOR SEAL DETAIL
R811738 | SCALE: 2" = 1'-0"

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NOTES TO G.C.

1. 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.
2. STC rating: 51 (as per ASTM E90).
3. Panel finish: XXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.
4. Skyfold requires two 24" x 24" [610 x 610] (minimum) access panels in acoustic ceiling directly beside motor for installation & maintenance of system. Not required if finished ceiling is suspended ceiling tiles.
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TYPICAL SKYFOLD WALL

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[3605 min to 5180 max]
x 9'-0" max [2745 max] B.O. Pocket
MICRO DRIVE UNIT

PANEL &
POCKET DETAILS

drawn/dessiné	date
approved/approuvé	project number/numéro de projet
revision	drawing number/numéro de dessin
4	R811738