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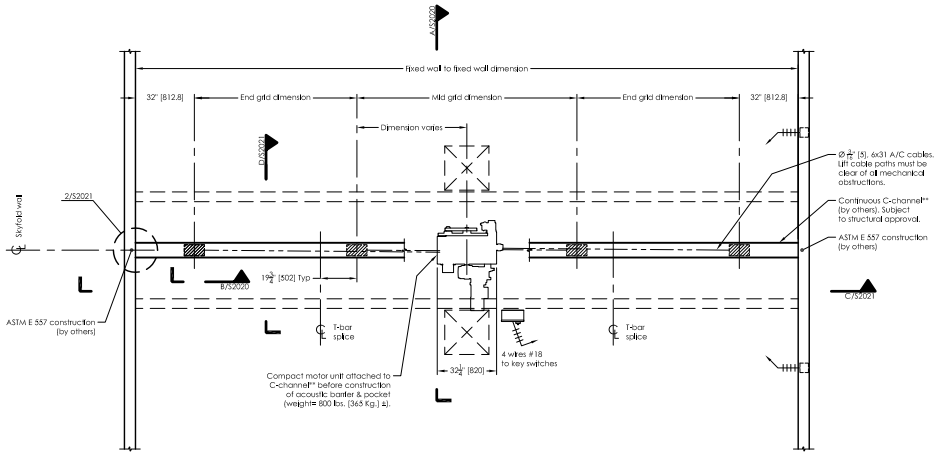
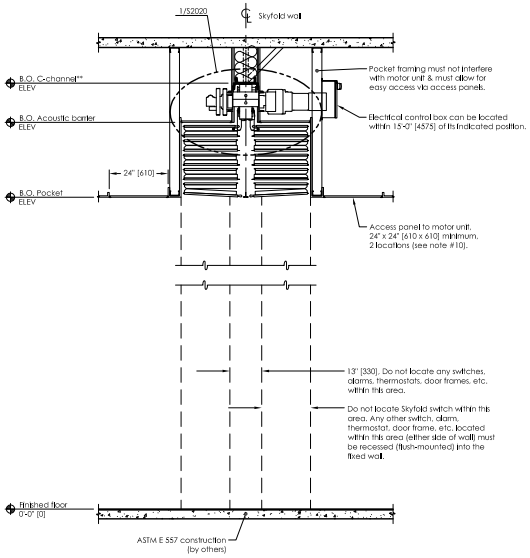
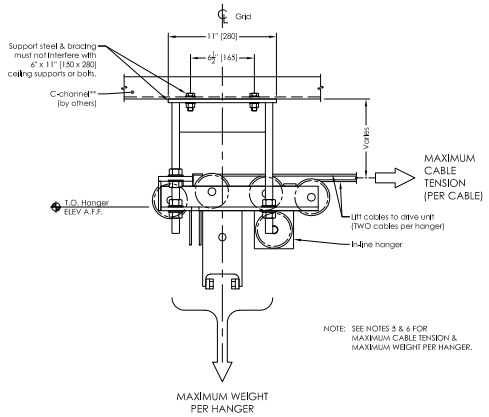


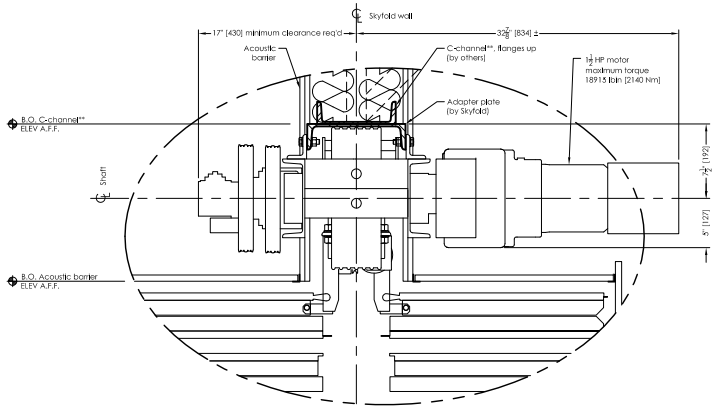
PLAN
SCALE: 3/8" = 1'-0"



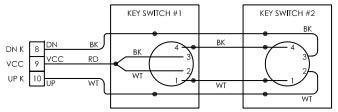
A | SECTION - WALL UP
S2020 | SCALE: 1/2" = 1'-0"



B | SECTION - LOADS @ HANGERS
S2020 | SCALE: 2" = 1'-0"



1 | DETAIL - SKYFOLD MECHANICAL
S2020 | SCALE: 2" = 1'-0"



WIRING DIAGRAM FOR KEY SWITCHES IN SERIES
SCALE: NONE

SKYFOLD® classic™

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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 up) 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. (TWO cables per hanger) [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

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

TYPICAL EVEN SKYFOLD WALL

X @ X'-X" [XXXX] x
X'-X" [XXXX] B.O. Pocket
Large capacity compact drive unit

MECHANICAL & ELECTRICAL DETAILS

drawn/dessiné	date
approved/approuvé	project number/numéro de projet
revision 1	drawing number/numéro de dessin S2020

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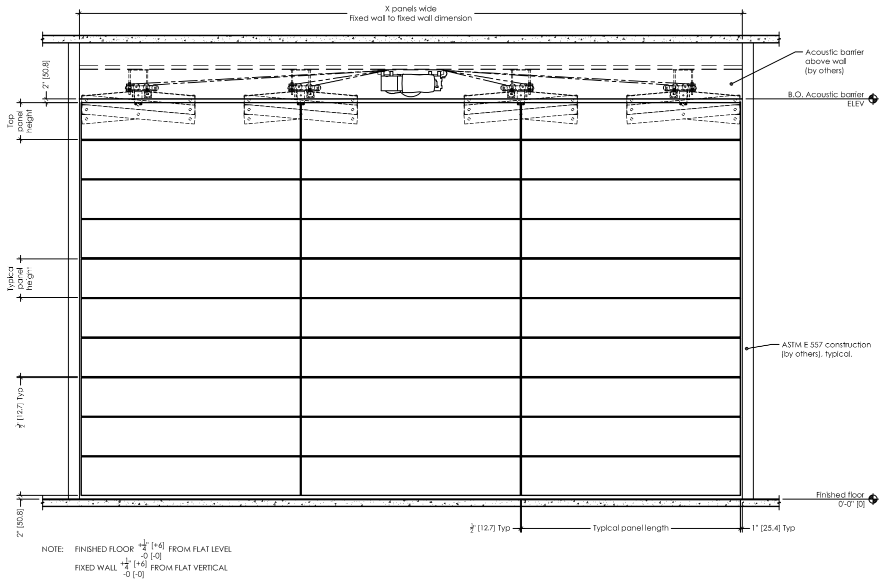
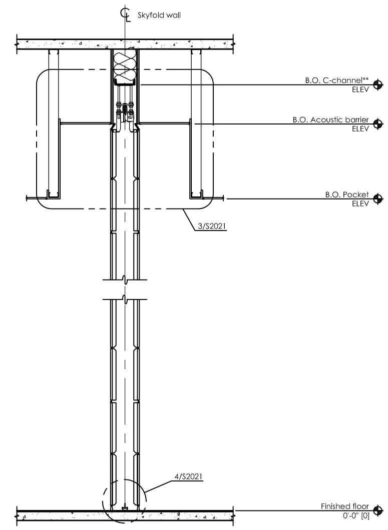


C | ELEVATION - WALL DOWN
S2020 | SCALE: 3/8" = 1'-0"



D | SECTION - WALL DOWN
S2020 | SCALE: 1/2" = 1'-0"

NOTES TO G.C.

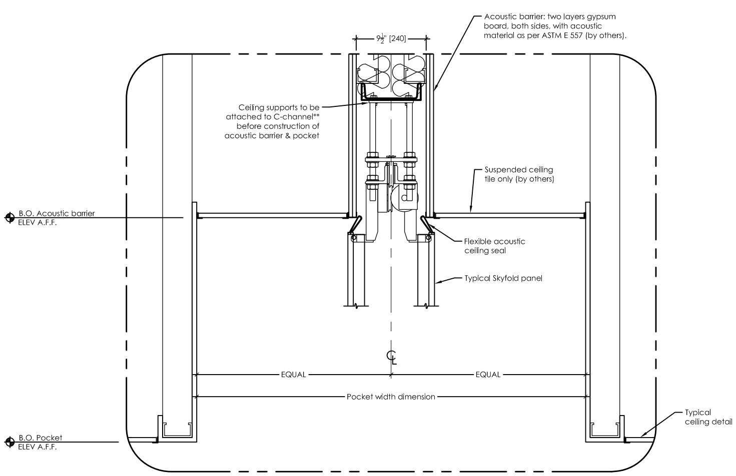
1. Give special attention to:
   - Any obstructions to ceiling pockets & cables (i.e. ducts, sprinkler pipes, drain pipes, electrical conduits, etc.).
   - Tolerances of fixed walls & finished floor.
   - Removable ceiling tile for top of pocket.
2. STC rating: 51 (as per ASTM E90).
3. Panel finish: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.
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.
5. All pocket construction (gypsum, suspended ceiling tile, framing, etc.) is by others.
6. Dimensions in [ ] are in millimeters (mm) unless noted otherwise.

**C-channel designation:

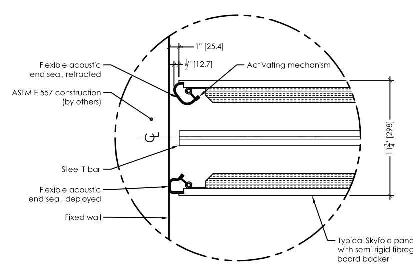
North & South America = C8 x 11.5 [C200 x 17]

Europe = C200 x 75

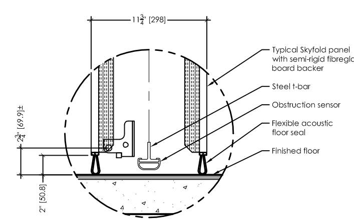
Asia = C200 x 80



3 | POCKET DETAIL
S2021 | SCALE: 1 1/2" = 1'-0"



2 | END SEAL DETAIL
S2020 | SCALE: 2" = 1'-0"



4 | FLOOR SEAL DETAIL
S2021 | SCALE: 2" = 1'-0"

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

TYPICAL EVEN SKYFOLD WALL

X @ X'-X" [XXXX] x
X'-X" [XXXX] B.O. Pocket
Large capacity compact drive unit

PANEL &
POCKET DETAILS

drawn/dessiné	date
approved/approuvé	project number/numéro de projet
revision 1	drawing number/numéro de dessin S2021