

LEGEND

- TOUCHSCREEN CONTROL
- CEILING SUPPORT & HANGER
- CEILING ACCESS PANEL

SKYFOLD®
CLASSIC™ PREMIUM SERIES

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 by Skyfold.

**C-channel designation:

North & South America = C8 x 11.5 [C200 x 17]
Europe = C200 x 75
Asia = C200 x 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).

Larger deflection must be communicated to Skyfold as it affects support steel height & floor seal height.

- 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 fireproofing (mineral wool & cement) is not recommended for use on the steel support to which Skyfold is attached. An intumescent coating or film is preferred. Local building codes must be respected. Fireproofing is by others.
- Approximate weight of wall: XXXX lbs. [XXXX Kg.]
Maximum weight per hanger: XXX 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.

- 12 volt touchscreens & boxes to be installed by electrical contractor as per Skyfold instructions. Boxes to be fitted at desired touchscreen location with suitable cable run back through ceiling void to control box position (5 wires #18), including sufficient spare to allow connection. Touchscreens & boxes are supplied by Skyfold & are required on each side of the wall.

10. Motor size: Varies - project-specific.
Full load amp: XXXX A

11. Skyfold requires two 24" x 24" [610 x 610] (minimum) access panels in acoustic ceiling directly beside motor unit for installation & maintenance of system. Not required if finished ceiling is suspended ceiling tiles.

12. Drive unit to be installed prior to construction of acoustic barrier & pocket. All pocket construction (gypsum, suspended ceiling tile, framing, etc.) is by others.

13. Do not scale from this drawing. All dimensions must be verified on site.

14. Dimensions in [] are in millimeters (mm) unless noted otherwise.

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

Authorized Skyfold distributor

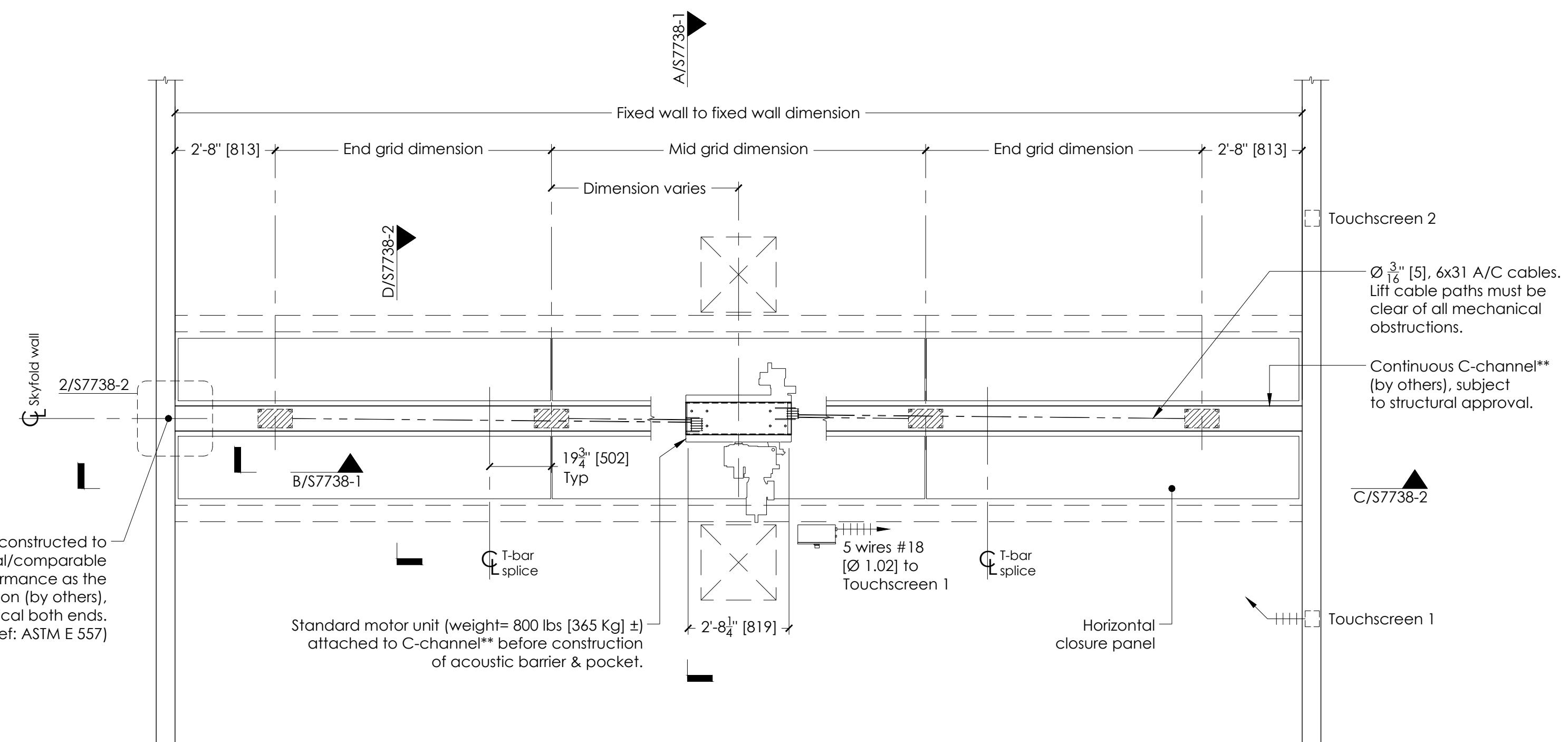
Project

TYPICAL EVEN SKYFOLD WALL

Drawing title
X @ X-X" [XXXX] x X-X" [XXXX] B.O.Pocket
Standard drive unit - 10 to 14 panels high

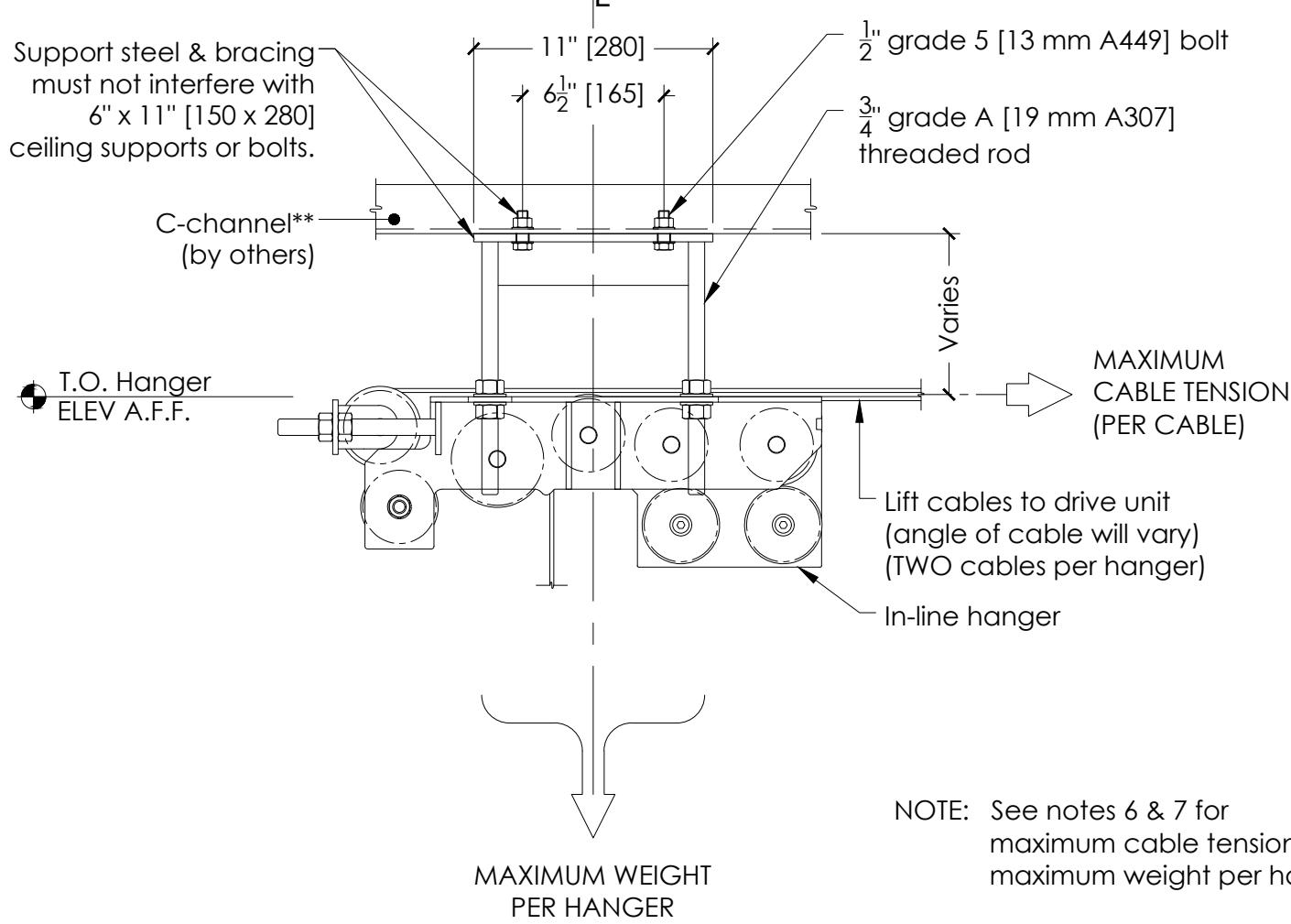
PLAN & MECHANICAL DETAILS

Architect	Contractor
Drawn by	Date
Skyfold project No.	Scale
Drawing No.	As noted
S7738-1	
Revision	0



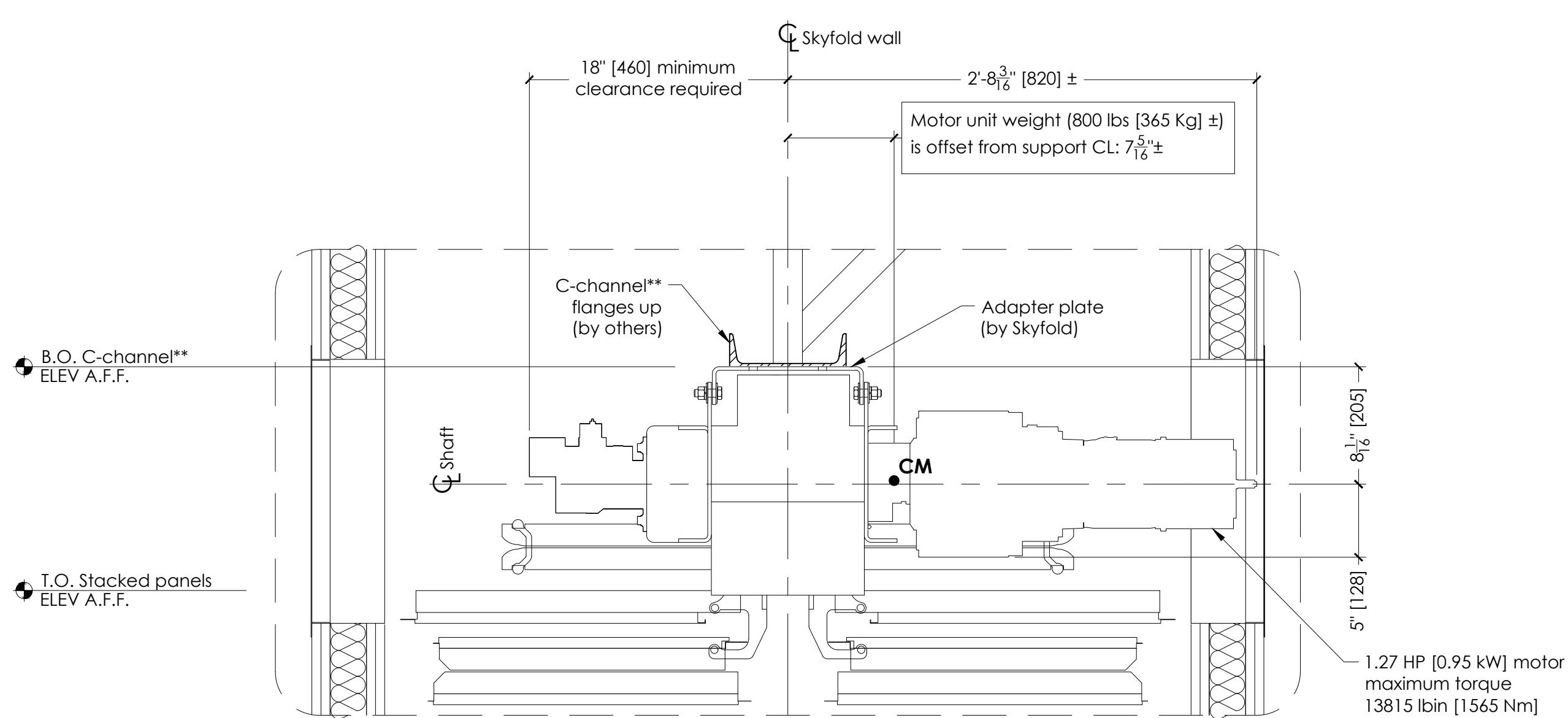
PLAN

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



B | SECTION - LOADS @ HANGERS

S7738-1 | SCALE: 1 1/2" = 1'-0"



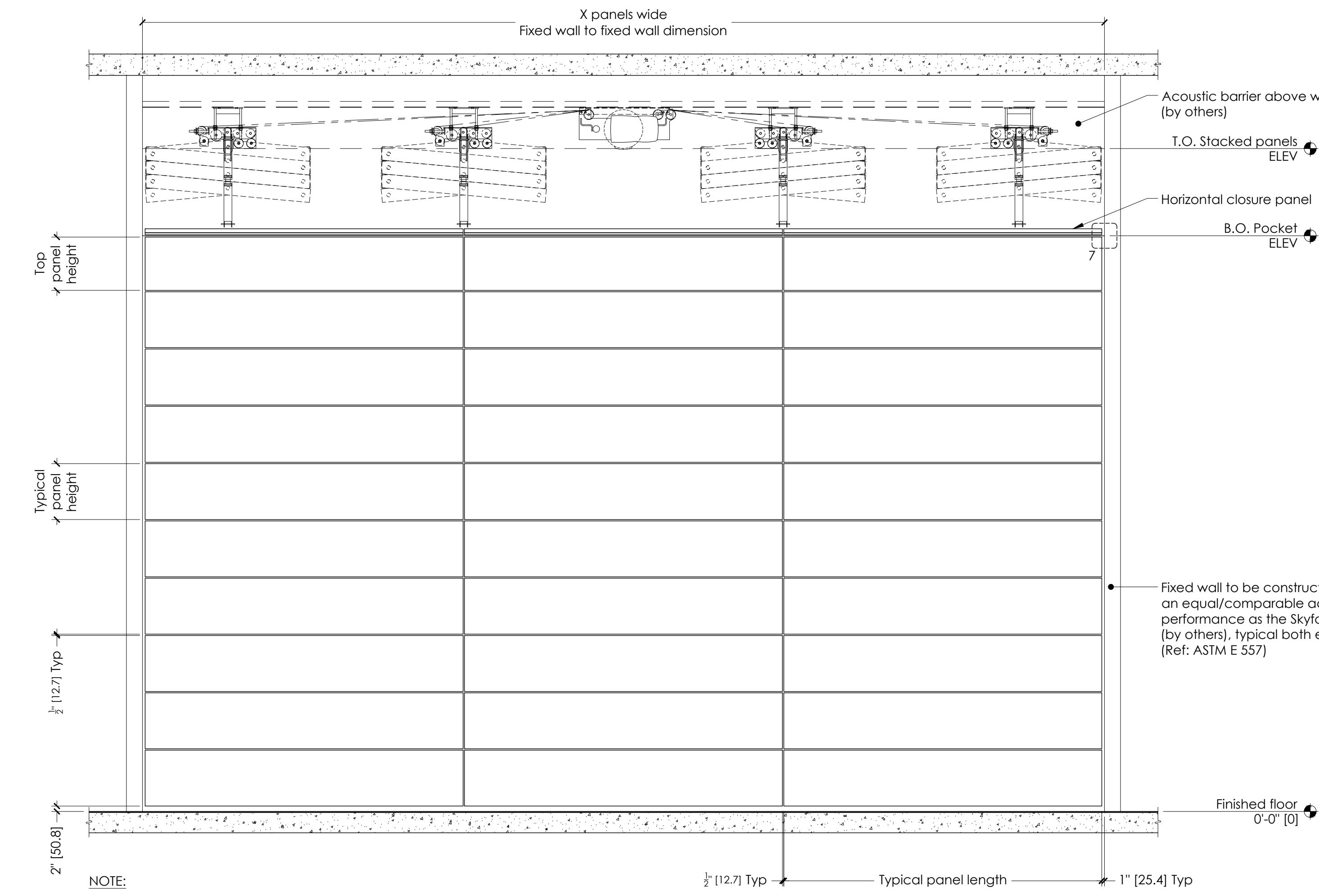
A | SECTION - WALL UP

S7738-1 | SCALE: 1/2" = 1'-0"

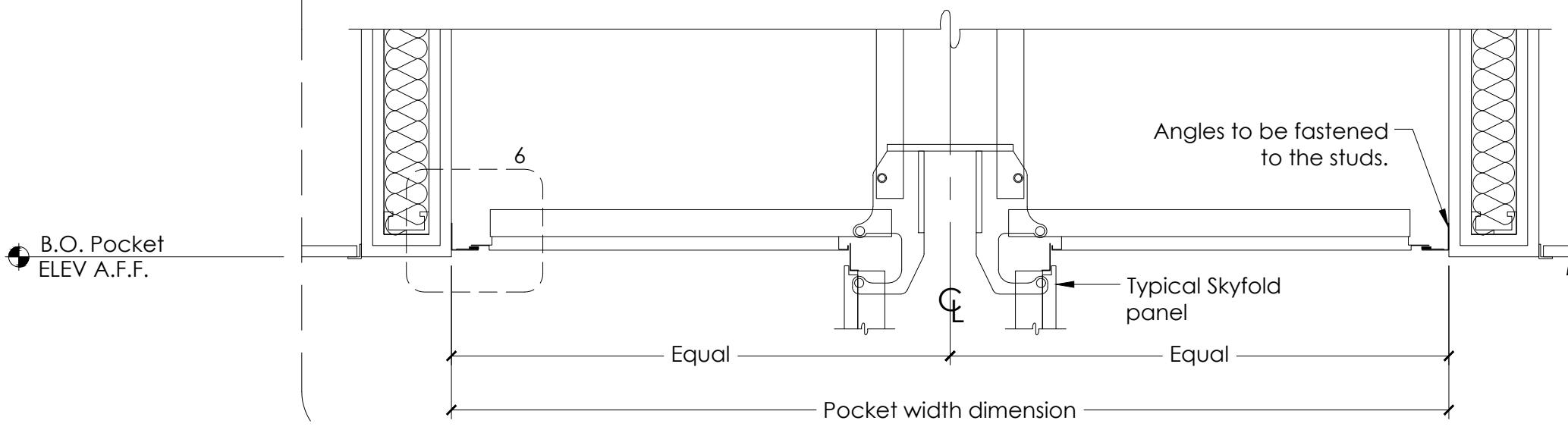
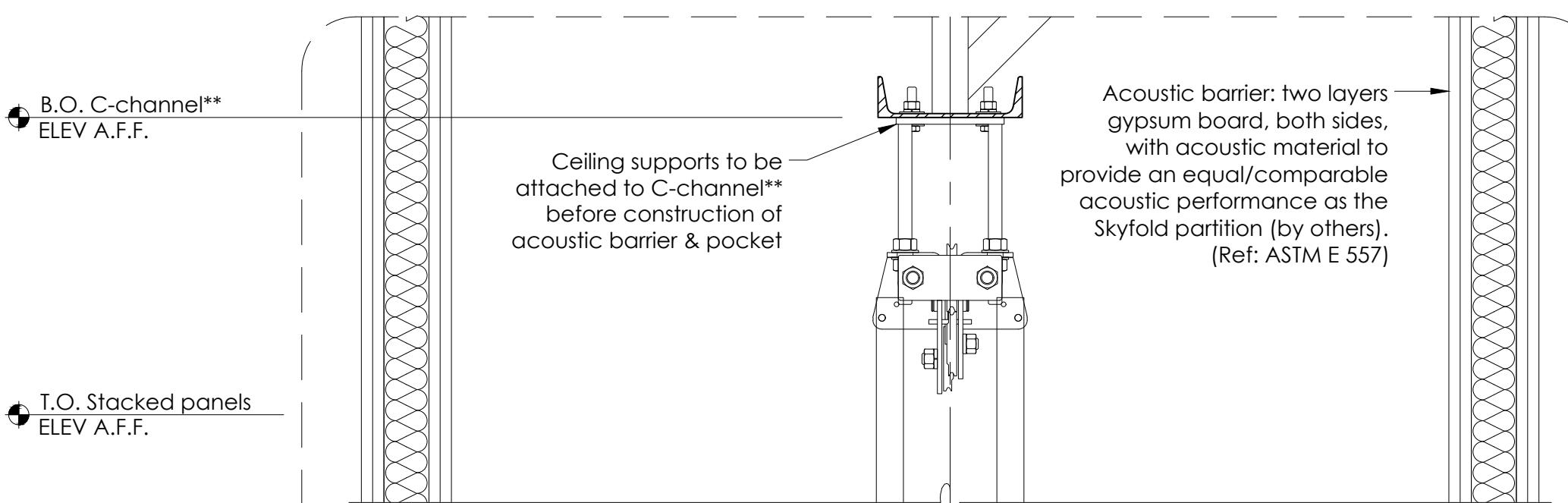
S7738-1 | SCALE: 1 1/2" = 1'-0"

1 | DETAIL - SKYFOLD MECHANICAL

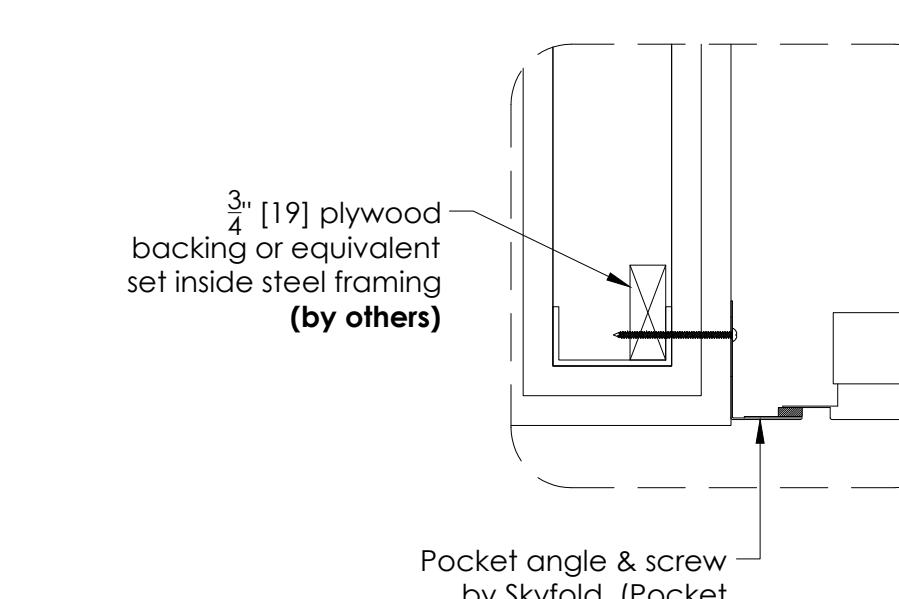
S7738-1 | SCALE: 1 1/2" = 1'-0"



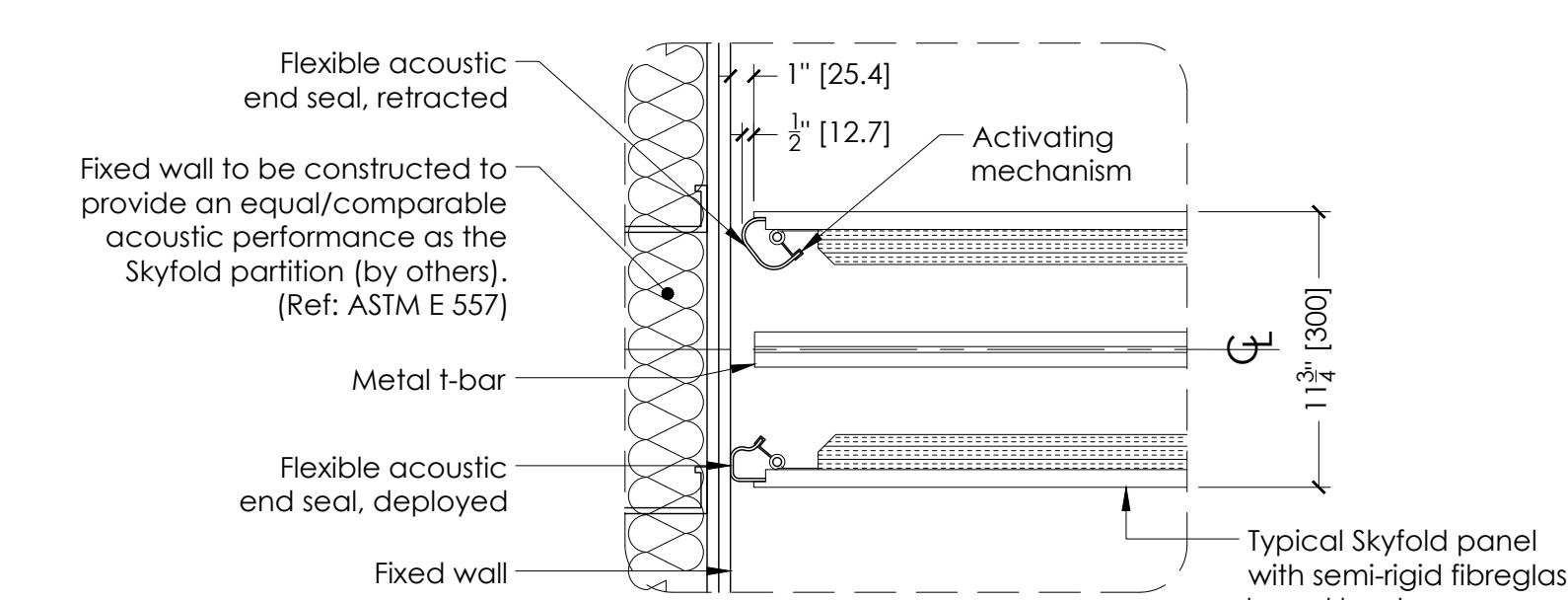
C | ELEVATION - WALL DOWN
 S7738-1 SCALE: 3/8" = 1'-0"



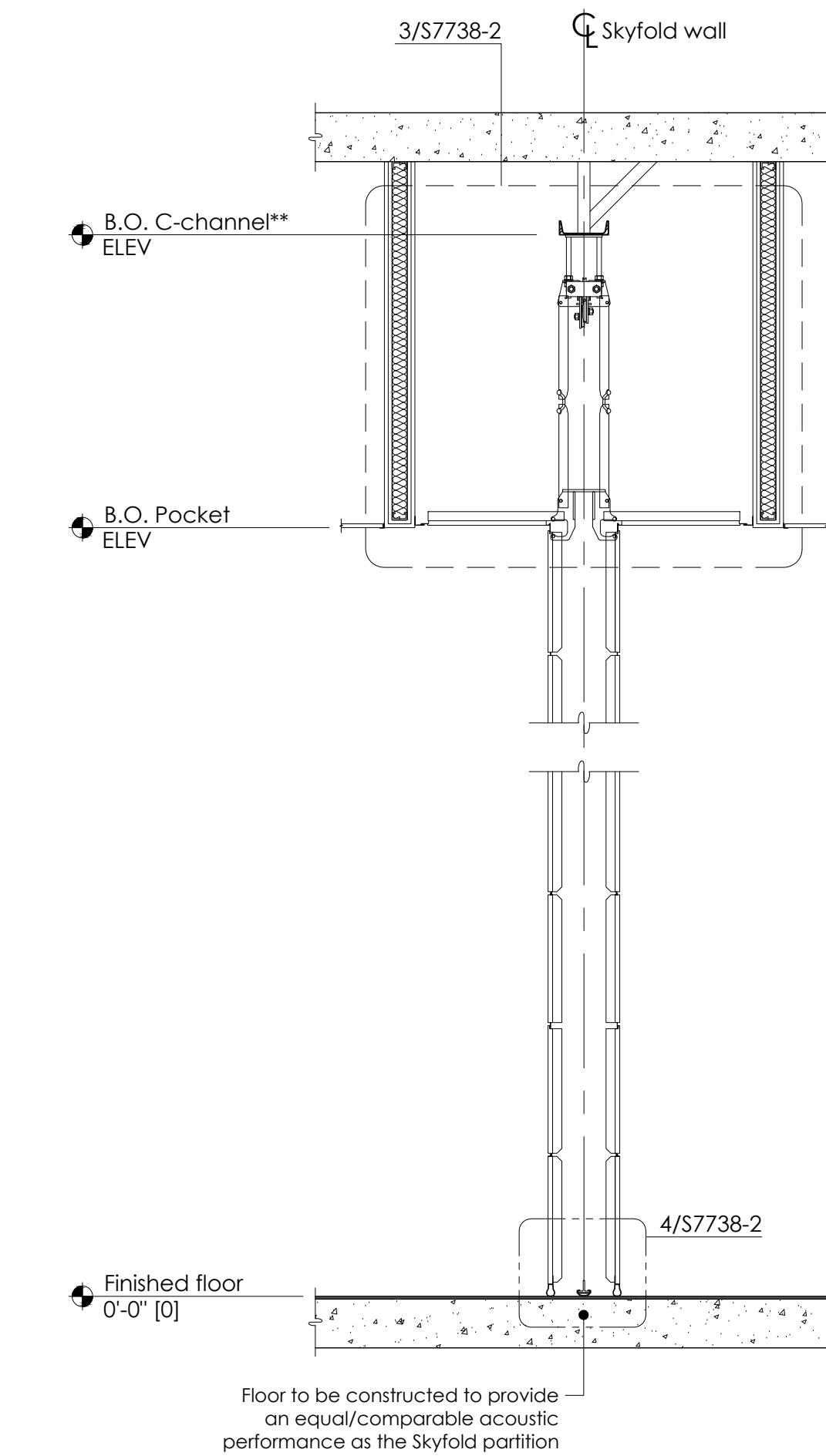
3 | POCKET DETAIL
 S7738-1 SCALE: 1 1/2" = 1'-0"



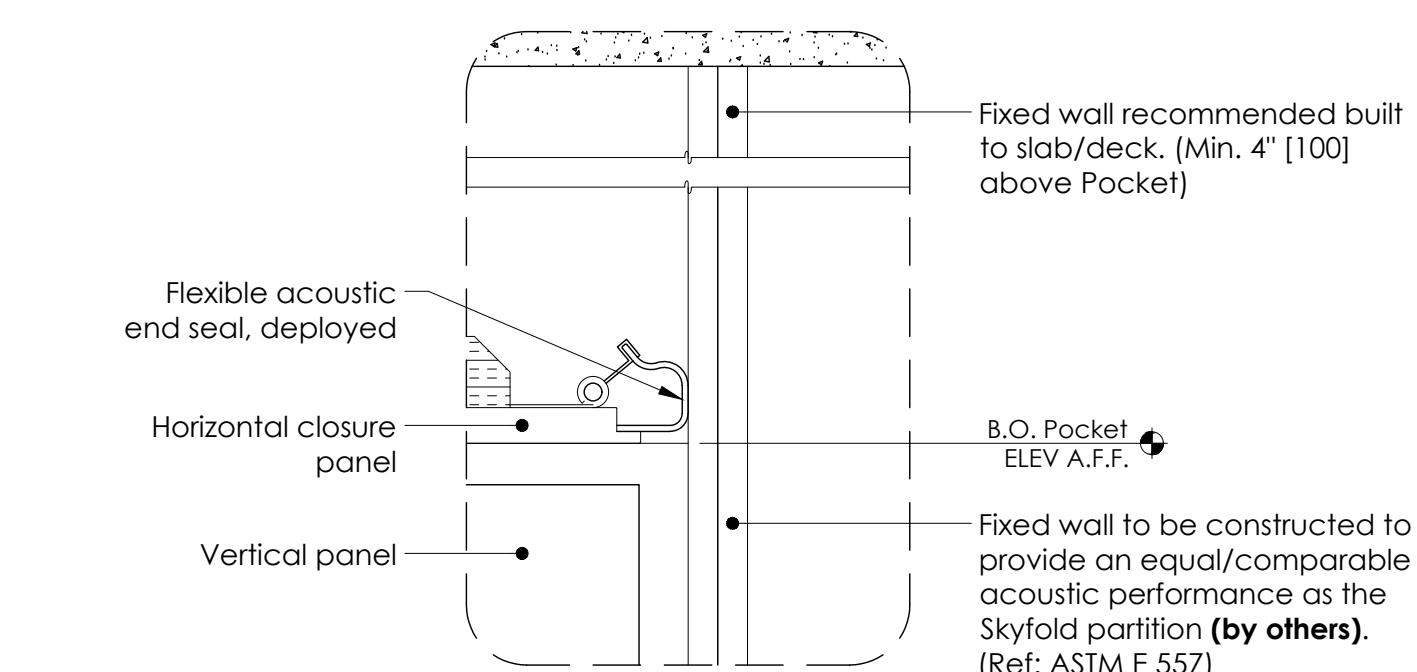
6 | DETAIL @ POCKET ANGLE
 N.T.S.



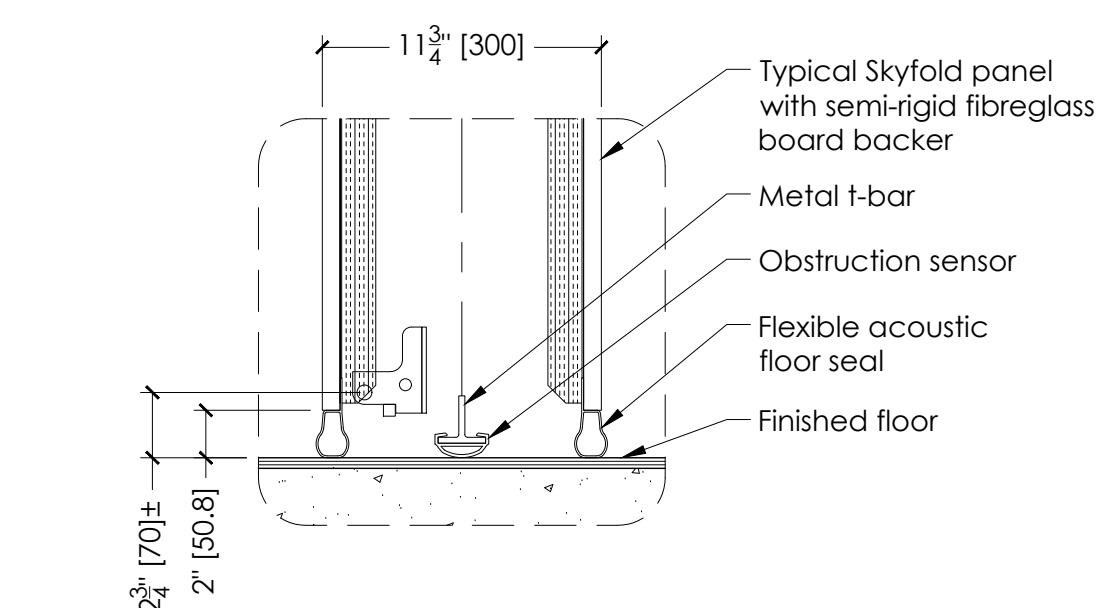
2 | END SEAL DETAIL
 S7738-1 SCALE: 1 1/2" = 1'-0"



D | SECTION - WALL DOWN
 S7738-1 SCALE: 1/2" = 1'-0"



7 | FIXED WALL DETAIL
 N.T.S.



4 | FLOOR SEAL DETAIL
 S7738-2 SCALE: 1 1/2" = 1'-0"

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 Premium 51**
 North America: STC: 51 as per ASTM E90
 Europe: Rw: 51 as per ISO 140-3, Part 3 & ISO 717-1.2
 - Skyfold Classic Premium 55**
 North America: STC: 55 as per ASTM E90
 Europe: Rw: 54 as per ISO 140-3, Part 3 & ISO 717-1.2
 - Skyfold Classic Premium 60**
 North America: STC: 60 as per ASTM E90
 Europe: Rw: 59 as per ISO 140-3, Part 3 & ISO 717-1.2
 - Skyfold Classic Premium NRC**
 North America: STC: 50 as per ASTM E90
 NRC: 0.65 as per C423
 Europe: Rw: 49 as per ISO 140-3, Part 3 & ISO 717-1.2
 SAC: 0.65 as per ISO 354.
- Panel finish: XXXXXXXXXXXXXXXXXXXXXXXXX.
- 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.
- 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 $\pm \frac{1}{4}$ [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].
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**C-channel designation:
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 Europe = C200 x 75
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Authorized Skyfold distributor

TYPICAL EVEN SKYFOLD WALL

Project Drawing title X @ X' X" [XXXX] x X' X" [XXXX] B.O. Pocket Standard drive unit - 10 to 14 panels high

PANEL & POCKET DETAILS

Architect	Contractor
Drawn by	Date
Approved by	Date
SKYFOLD project No.	Scale
	Sheet No.
Drawing No.	As noted
	Revision
	0

S7738-2