

NO ROOF ACCESS

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draft PROPOSAL july 2019 ~c

> ESCALIER FORTE Andrew Lackey & Mark Wentzel

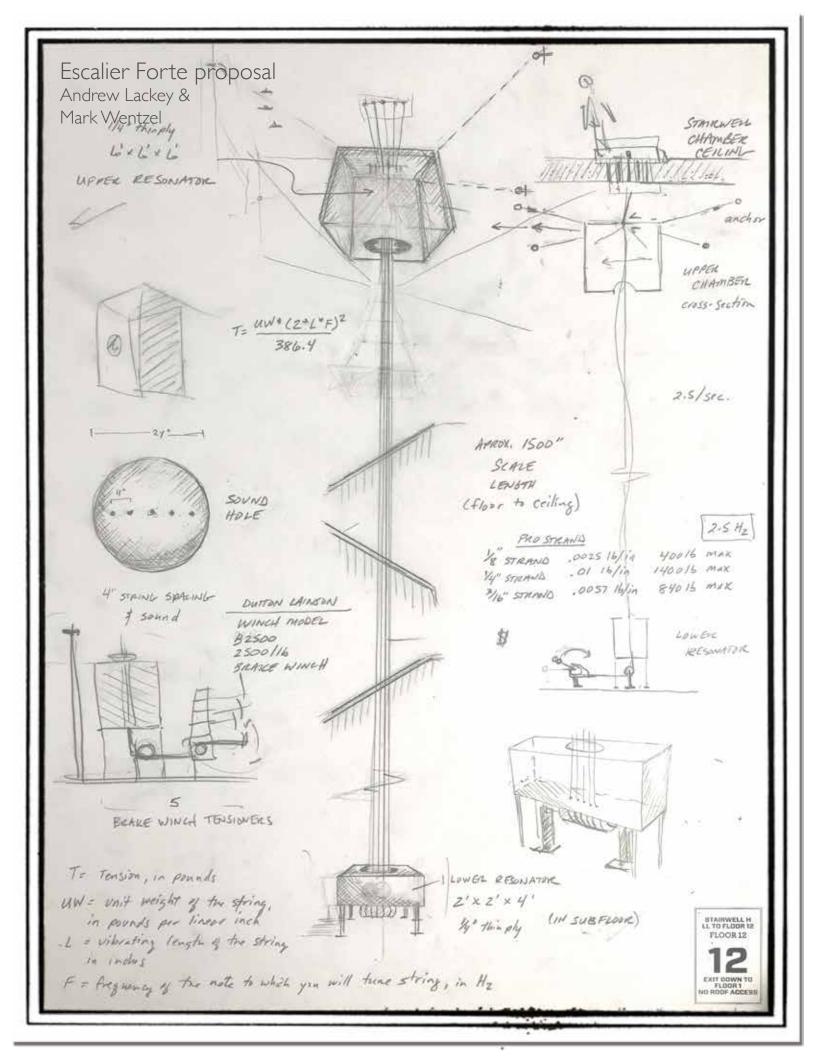


#### Stairwell H @ PCM: escalier forte

#### project description:

Stairwell H is a 12 floor service stairwell that ascends from below Ponce City Market's food court to the top floor of the building. Project collaborators, artist Mark Wentzel, and sound designer, Andrew Lackey, will transform the stairwell into a multi-story stringed instrument, a work they've entitled escalier forte meaning "loud staircase." The project explores the inherent acoustic properties of the stairwell by locating and exciting the hidden sonic qualities of the space using string vibration and both sympathetic and forced resonance. The escalier forte project asks questions of both the public and the PCM building itself. What is a building or space meant to sound like? How does architecture want to respond to sound waves? How do we as humans listen and respond to the urban environment we build around ourselves? Can we "tune" our surroundings and modify our experience to better understand and relate to the world? Visitors to Stairwell H can pluck the strings of the escalier forte, "playing" its fundamental sounds, allowing them to physically activate the tonal properties of the structure and consider such questions.

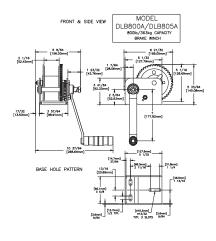
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### Escalier Forte proposal Andrew Lackey & Mark Wentzel



### partial materials list





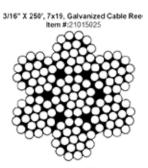


HEAVY DUTY STAINLESS THIMBLES 1/4 inch - 3/4 inch Diameter



STAINLESS SHOULDER EYE BOLTS 1/4 inch - 5/8 inch Diameter

SHEET STEEL MOUNTING HARDWARE SPOOL BODY



Length: 250 ft Cable Diameter: 3/16 inches WLL (5:1): 840 lbs Breaking Load: 4200 lbs Weight (per foot): 0.065 lbs



ALEKO WR3/8G7X19F250 3/8 Inch Diameter 7 x 19 Strand Galvanized Aircraft Steel Cable Wire Rope 250 Feet

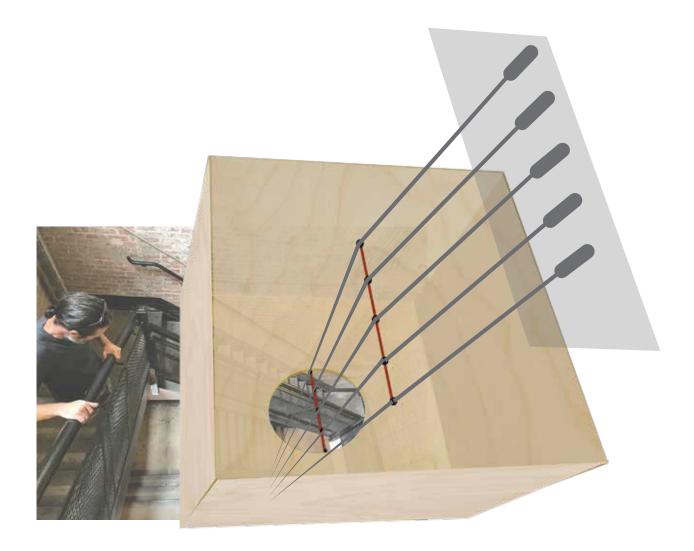
1/4" Birch Cabinet Grade Hardwood Plywood Good 2 Sides (G2S), grade A-4, and has a MDF Core. 1/4" birch plywood is rotary cut. 48.5" x 96.5" sheet size.



## Escalier Forte proposal Andrew Lackey & Mark Wentzel



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# Upper Resonator

