Seal all sides of filter and box fan with 2" wide white duct tape.

MERV 13 Filter 20" x 20 x 2"

Electric cord is cut, inserted into this hole, and the wires are spliced together. Eliminates the cord from extending from the fan, creating a potential tripping hazard.
Cut frame pieces from common Furring Strip Board:
1 in. x 2 in. x 8 ft.;
Actual: 0.666 in. x 1.468 in. x 96 in

Cut from1/8 in. x 2 ft. x 4 ft.
MDF Tempered Hardboard
(Actual: 0.115 in. x 23.75 in. x 47.75 in.)
ECE CR Box

Merv13 Filters Alignment

PROJECT SIZE

2/5/2022 SCALE CODE DWG NO REV

APPROVED CHECKED DRAWN

WEIGHT SHEET

SCALE 1:10

Andre Knoesen 2/5/2022
Shroud is cut from 5mm x 4-ft x 8-ft Poplar Sanded Plywood. Shroud was divided into four pieces, to reduce wasted, and then taped together. Laser cutting works well. Shroud could also be cut from the cardboard box the fan comes in.