

Casburn Consultants Inc.

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July 14, 2021

City of Lees Summit, Mo.
Plan Review Department

Re : Duncan Donuts
1100 NE Douglas Road

**RELEASE FOR
CONSTRUCTION**
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

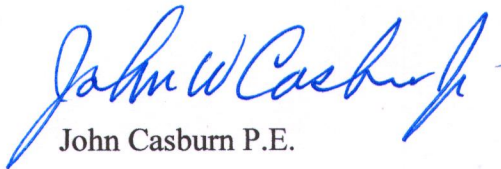
07/19/2021

My name is John Casburn P.E. and I have been asked to look at the electrical service for the new tenant. I live in Lees Summit and I was the MEP engineer on the previous tenant, Master Wok. The new tenant has requested a 600 amp service but the present MDP has a 600 amp service with a max 6 switch rule and is smaller in width than a new panel would be and the new panel would not fit. I inspected the existing electrical service and it has 4 breakers with a total amps rating of 550 amps. These feed panels A, B, C, and a hvac panel. If one of the 150 amp breakers was changed to a 200 amp breaker and the wire size was changed to 200 amp wire then the existing MDP panel could remain.

The present Panel C is a 225 amp panel with a 150 amp feeder. The number of branch breakers was increased in the new design so the Panel C will be increased from a 42 circuit panel to a 84 circuit panel with 225 amp breaker in the MDP and 225 amp wire.

The old make-up-air unit has been removed from the building so additional capacity for the new circuits is provided.

If any additional information is needed, please call me at 616-726-6531.


John Casburn P.E.

