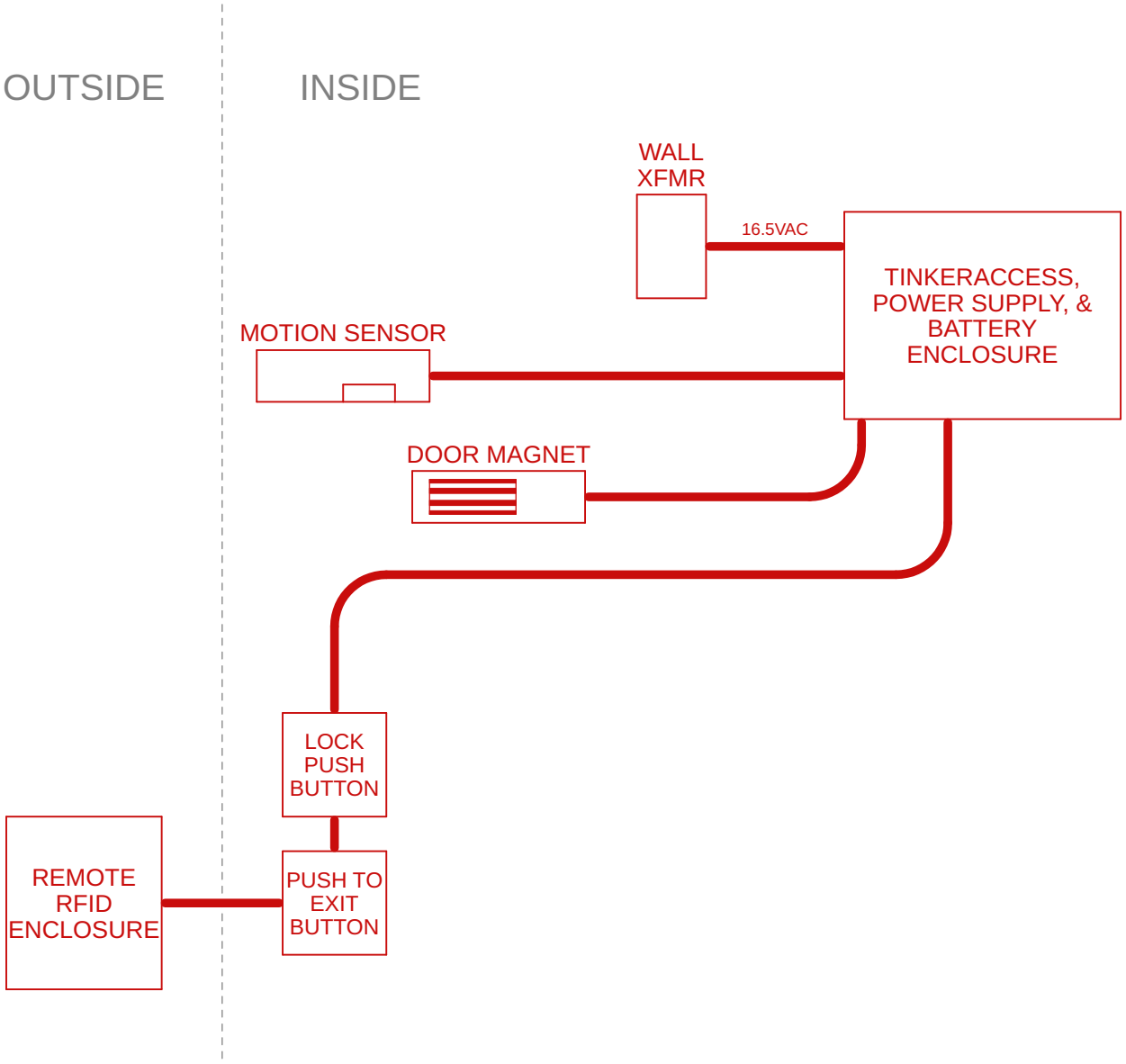

TITLE: Woodshop Door TinkerAccess		
Design by: TinkerMill Longmont, CO		REV: 1.0
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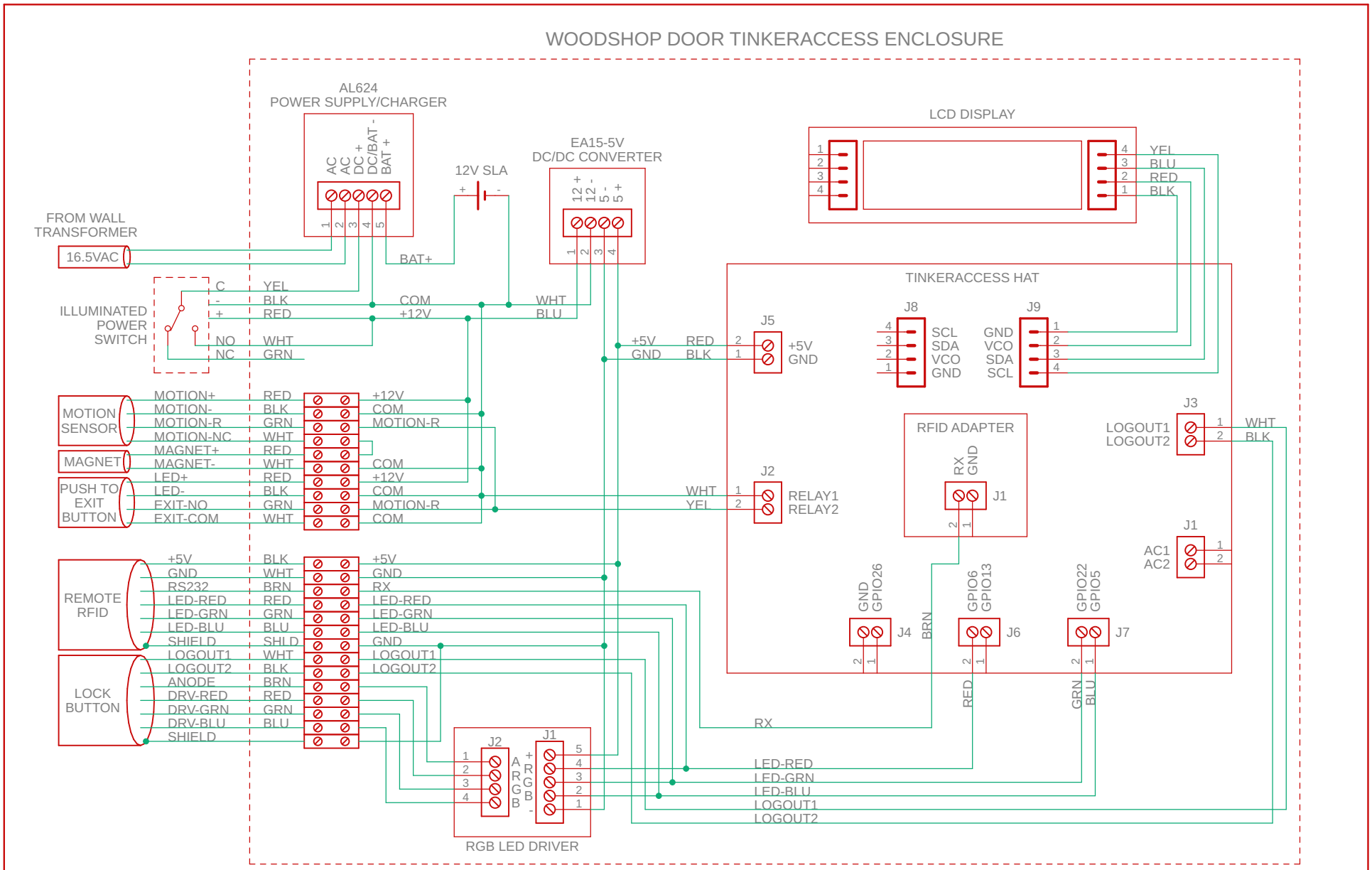

NOTES:

1) THE RASPBERRY PI INPUTS ARE 3.3V AND NOT 5V TOLERANT. ENSURE INPUTS TO PI ARE AT APPROPRIATE LEVELS.
2) THE DOOR MAGNET IS ENERGIZED TO LOCK THE DOOR. THE MAGNET IS POWERED BY A 12VDC SUPPLY AND IS BACKED UP WITH AN SLA BATTERY. THE MOTION SENSOR CONTACT IN SERIES WITH THE MAGNET IS NORMALLY CLOSED AND WILL OPEN WHENEVER MOTION IS DETECTED. THE MOTION SENSOR WILL ALSO OPEN THE CONTACT WHENEVER CONTACT CLOSURE BETWEEN THE MOTION SENSOR 'R' AND '-' INPUT OCCURS. THIS MEANS THAT TINKERACCESS OR ANY OTHER EXTERNAL DEVICE SHOULD UTILIZE A NORMALLY OPEN CONTACT TO INITIATE UNLOCKING THE DOOR.

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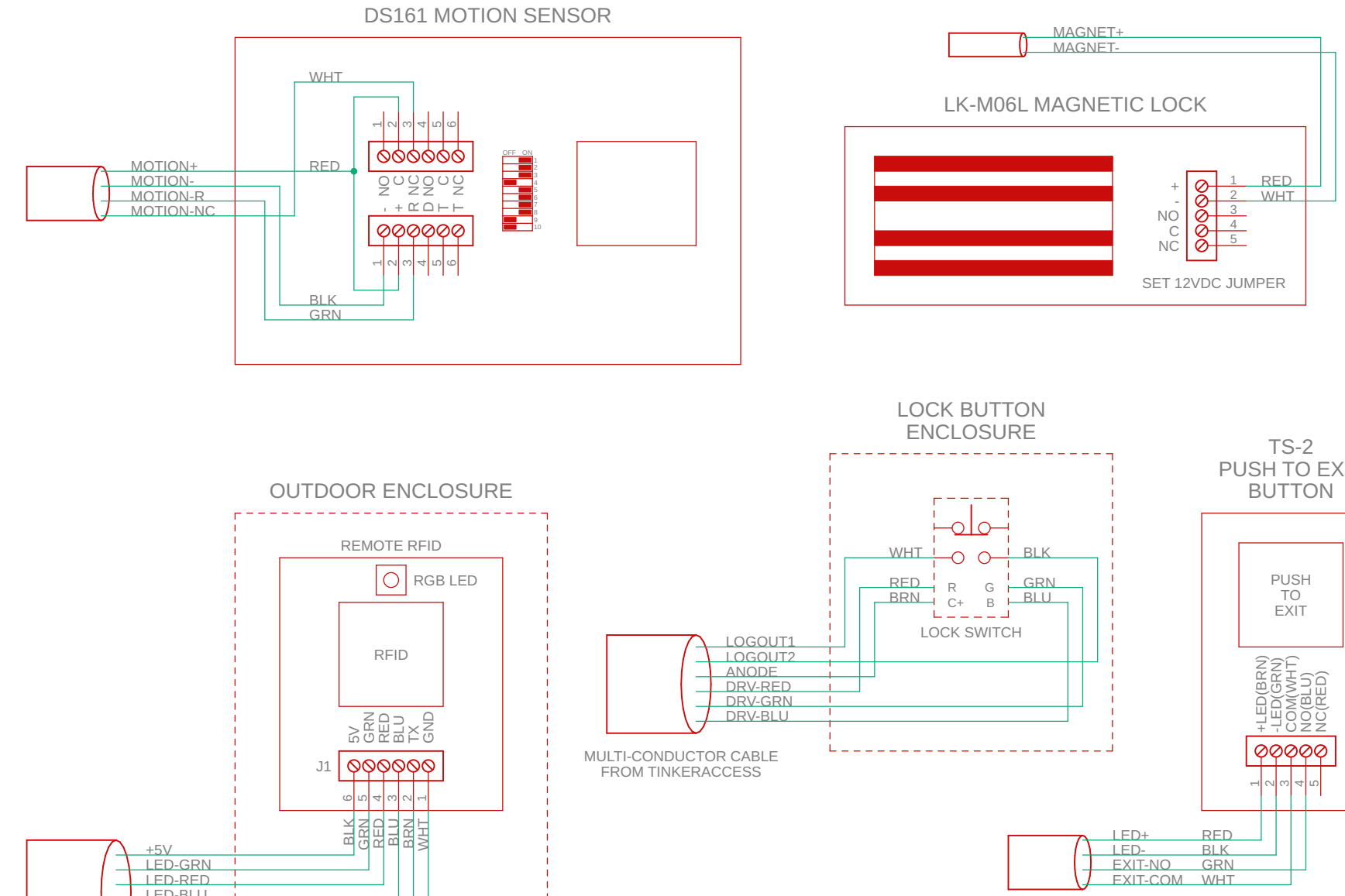

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Design by: TinkerMill Longmont, CO		REV: 1.0
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