

DRAWN BY	ISSUANCES	REVISIONS
RCC		

FINE ARTS CENTER ADDITION  
**WAYLAND UNION SCHOOLS**  
WAYLAND, MICHIGAN

PROJECT NO. 5-1282  
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HIGH SCHOOL  
CARD ACCESS  
ELECTRICAL PLAN

## E2.06



1. PROVIDE 120V POWER TO JUNCTION BOX AT DOORS FROM LOCAL PANELBOARD. ADD AND REPLACE BREAKERS AS NECESSARY. PROVIDE ALL NECESSARY CONDUIT FROM DOOR TO PANELBOARD. FIELD VERIFY PANELBOARD SPACE AND BREAKER SIZES.
2. REFER TO SHEET E7.03 FOR CARD ACCESS DETAILS.
3. INSTALL CARD READER ADJACENT TO EXISTING BARREER FREE OPERATOR BUTTON WHERE PRESENT FIELD VER

- 1 E.C. TO PULL LOW VOLTAGE CABLEING FROM DOOR CONTROLLER AND FISH DOWN MILLION OR DOOR FRAME FOR LATCH BOLT RETRACTION WITH BOLT COUNTERING. INSTALL RECESS TO EXIT DEVICE ON CEILING IN FRONT OF DOOR. PROVIDE CABLEING IN WIREMOLD INTO DOOR FRAME.
- 2 NEW CARD READER. E.C. TO INSTALL SINGLE GANG RECESSED BOX WITH LOW VOLTAGE POWER.
- 3 PROVIDE LOW VOLTAGE CABLEING FROM NEAREST DOOR CONTROLLER INTO DOOR FRAME FOR DOOR MONITORING.
- 4 DOOR CONTROLLER. PROVIDE 20A 120V POWER FROM SPECIFIED PANELBOARD.

OVERALL ELECTRICAL PLAN

1" • 30

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