



ALL CORD REELS IN SHOP AREAS ARE TO BE PROVIDED WITH A GFI RATED BREAKER IN ASSOCIATED PANELS.

WALL MOUNTED RECEPTACLES IN ALL SHOP AREAS TO BE MOUNTED & 48" AFF UNLESS OTHERWISE NOTED.

SEE EXISTING & NEW EQUIPMENT ELECTRICAL NAME PLATE DATA FOR ALL ELECTRICAL REQUIREMENTS AND ADJUST AS NECESSARY. PROVIDE CORRECT NEMA RECEPTACLES PER EQUIP. REQUIREMENTS.

OH DOOR POWER PROVIDED FOR UP TO 1HP MOTOR. FIELD COORDINATE WITH OVERHEAD DOOR MOTOR AND ADJUST AS NECESSARY.

SEE ARCHITECTURAL SHEET SECTIONS FOR RECEPTACLE AND DATA MOUNTING HEIGHTS AND LOCATIONS PRIOR TO ANY ROUGH-INS.

POWER PLAN NOTES:

- EMERGENCY STOP MUSHROOM PUSH BUTTON IN COLOR RED WITH LABEL AND CLEAR POLYCARBONATE PROTECTIVE COVER. EMERGENCY SWITCH TO CUT ALL POWER TO ASSOCIATED SHOP SHUNTED PANEL/S LOCATED IN ADJACENT STORAGE CLOSET. SEE PANEL SCHEDULES AND "EMERGENCY SWITCH WIRING DETAIL" ON SHEET E-003. (SEE "DUAL SHUNTED PANELS" EMERGENCY SHUTDOWN SWITCH WIRING DETAIL ON SHEET E-005 FOR WELDING SHOP 514 PANELS.)
- 2.5" CONDUIT TO CHILLER RUN BELOW GRADE TO CONCEALMENT. SEE CHILLER ELECTRICAL REQUIREMENTS FOR POINT OF CONNECTION AND ADJUST AS NECESSARY.
- DUST COLLECTOR REMOTE START/STOP STATION MOUNTED ON CLASSROOM WALL. ELECTRICAL CONTRACTOR TO PROVIDE EMPTY CONDUIT WITH PULL STRING AND JUNCTION BOX IN WALL. COORDINATE EXACT BOX SIZE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND DUST COLLECTOR MANUFACTURER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. SEE "DUST COLLECTION & FUME EXTRACTION SCOPE" WRITTEN DESCRIPTION ON SHEET M-101.

EC SHALL PROVIDE TAMPER PROOF RECEPTACLES IN ALL CLASSROOMS AND AREAS ACCESSIBLE TO STUDENTS. RECEPTACLES MUST MEET REQUIREMENTS OF 2020 NEC. SEE 406.2 AND 406.12.

101.1 POWER PLAN

SCALE: 1/8"=1'-0"

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No.	Date	Revision
3	04/03/25	ADDENDUM # 3
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REGISTERED PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 EXPIRATION DATE 4/18
 HITE ASSOCIATES, P.C.

NEW CTE BUILDING FOR
Bertie High School
 716 US 13 North / NCDPS Unit 080 - School 312
 Windsor / Bertie County / North Carolina

Project No. 22351
 Date: March 2025
 Drawing No. **E 101**

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