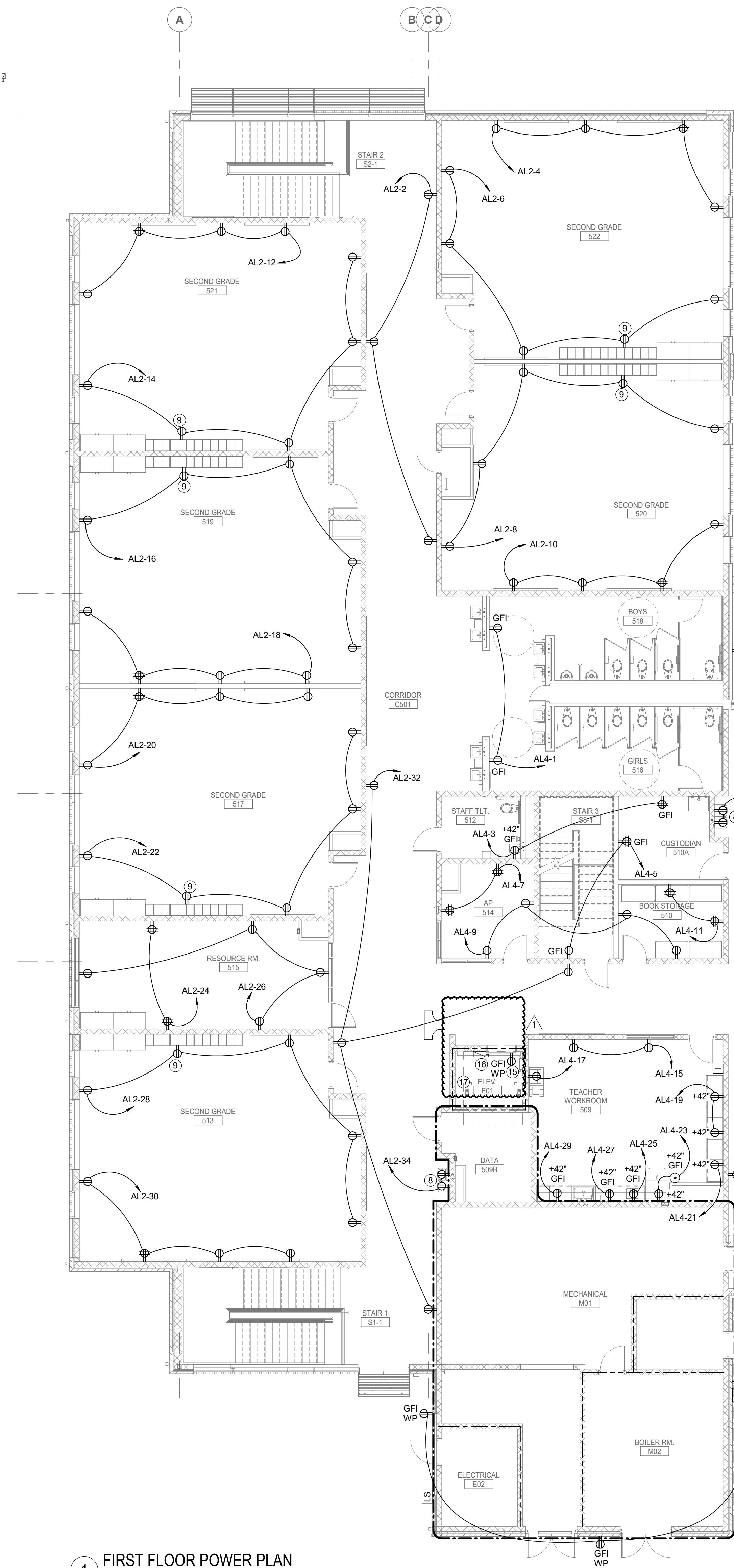
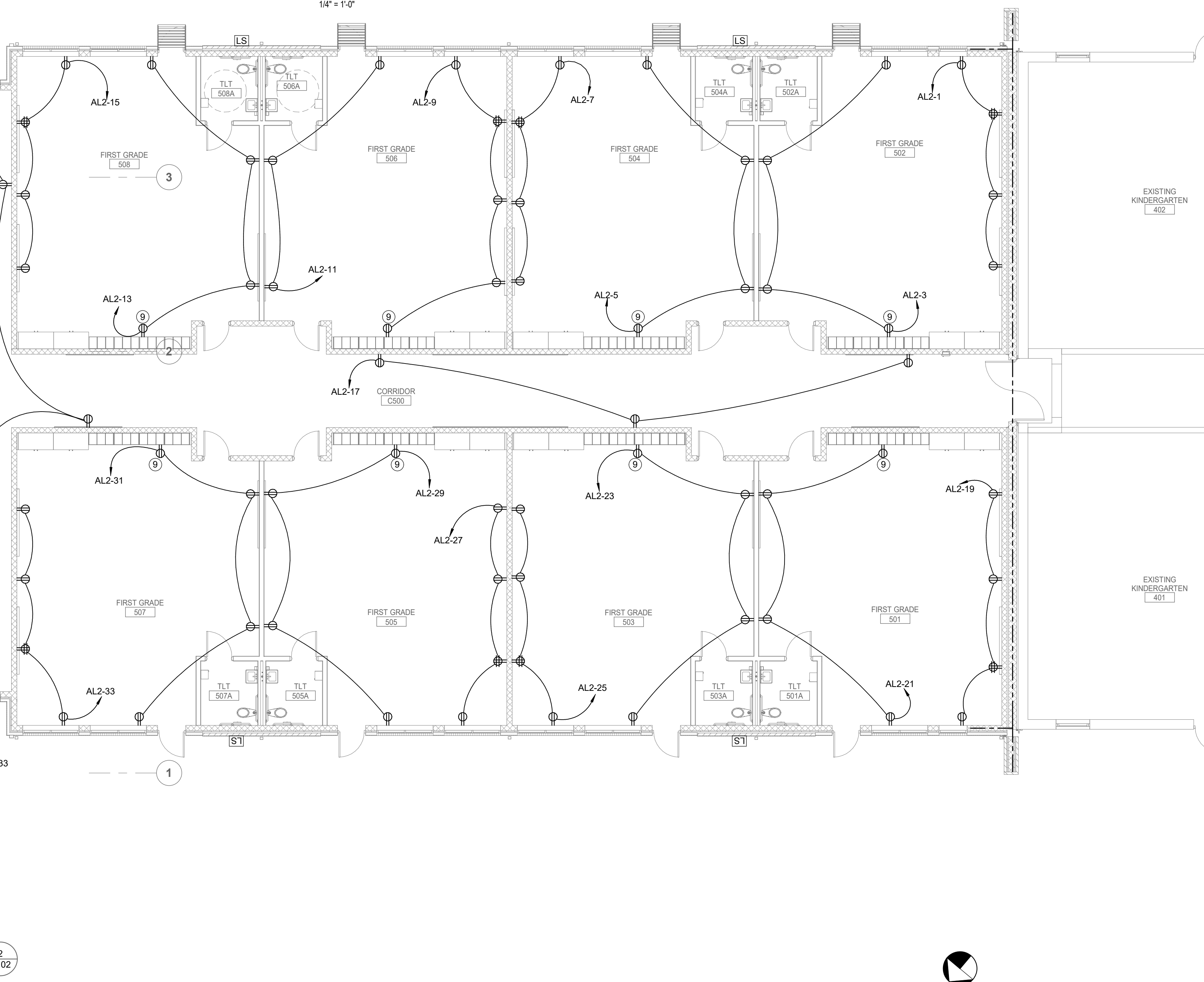


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1 FIRST FLOOR POWER PLAN



2 ENLARGED POWER PLAN - DATA/MECHANICAL/ELECTRICAL AND BOILER ROOMS

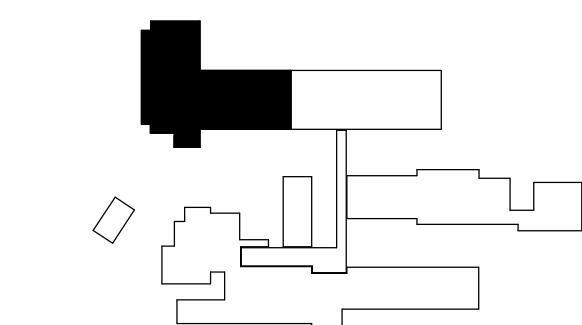
FIRE RATED WALLS
1 HR RATED

GENERAL NOTES:

- REFER TO ELECTRICAL LEAD SHEET E001 FOR SYMBOLS, ABBREVIATIONS AND NOTES.
- ALL WORK IN TELECOM ROOMS SHALL BE COORDINATED BETWEEN DIVISION 27, 28 AND ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.
- REFER TO E300 SERIES FOR TECHNOLOGY/SECURITY AND E400 SERIES FOR FIRE ALARM WORK IN THIS AREA.
- ALL RECEPTACLES SHALL BE TAMPER RESISTANT.
- ONLY ITEMS THAT PERTAIN TO THE OPERATION OF THE ELEVATOR ARE ALLOWED IN THE ELEVATOR HOISTWAY.
- WHERE ELEVATORS ARE EQUIPPED WITH "BATTERY LOWERING" CAPABILITY, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A CONTACT IN THE MAIN ELEVATOR POWER DISCONNECT THAT WILL DISABLE THE "BATTERY LOWERING" FEATURE OF THE ELEVATOR WHEN THE MAIN POWER DISCONNECT FOR THE ELEVATOR IS THROWN. THIS DISABLING CONTACT IS INTENDED TO BE USED FOR SERVICING THE ELEVATOR. ("BATTERY LOWERING" IS A FUNCTION OF THE ELEVATOR WHEREBY, UPON LOSS OF AC POWER, THE ELEVATOR, OPERATING UNDER BATTERY POWER, RETURNS TO THE LOWEST LANDING AND OPENS DOORS TO LET ANYONE TRAPPED IN THE ELEVATOR SAFE EXIT).

KEYNOTES:

- TELECOMMUNICATIONS GROUND BAR - REFER TO DETAILS E5026 AND E505/5.
- PROVIDE 240 VOLT, 30 AMP, 2 POLE, NEMA-1, FUSIBLE DISCONNECT SWITCH FUSE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 120VAC POWER FOR CHEMICAL FEED. COORDINATE REQUIREMENTS AND LOCATION WITH MECHANICAL CONTRACTOR.
- 4"x8"x3/4" FIRE RETARDANT PLYWOOD BACK BOARD.
- 18" x 4" LADDER RUNWAY TRAY.
- 120 VOLT, 15 AMP, 14, MOTOR RATED TOGGLE DISCONNECT SWITCH FOR MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- COORDINATE PLACEMENT OF RACK RECEPTACLES WITH OWNERS' IT DEPARTMENT PRIOR TO ROUGH-IN.
- COORDINATE LOCATION OF RECEPTACLE FOR WATER COOLER WITH PLUMBING CONTRACTOR SO CORD DOES NOT SHOW. PROVIDE GFCI CIRCUIT BREAKER FOR WATER COOLER.
- REFER TO DETAIL E505/4 FOR MOUNTING RECEPTACLE HORIZONTALLY BELOW CUBBIES.
- VARIABLE FREQUENCY DRIVE (VFD) FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED WIRED BY THE ELECTRICAL CONTRACTOR. COORDINATE CLOSELY.
- 120 VOLT, 20 AMP, MOTOR RATED TOGGLE DISCONNECT SWITCH FOR MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 120 VOLT, 20 AMP, MOTOR RATED TOGGLE DISCONNECT SWITCH FOR PLUMBING EQUIPMENT. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 4"x8"x3/4" FIRE RETARDANT PLYWOOD BACK BOARD FOR BDA EQUIPMENT. REFER TO DETAIL E501/7.
- 277 VOLT, 15 AMP, 14, MOTOR RATED TOGGLE DISCONNECT SWITCH WITH NEMA-3R JUNCTION BOX FOR MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- PROVIDE GFCI CONVENIENCE RECEPTACLE AT ELEVATOR OVERHEAD CONTROL ROOM LOCATION.
- 600 VOLT, 100 AMP, 3 POLE, NON-FUSED DISCONNECT SWITCH AT ELEVATOR OVERHEAD CONTROL ROOM AREA.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL CONDUIT, WIRING, SHUNT TRIP, DISCONNECTS, RELAYS, ETC. AS PER ELEVATOR MANUFACTURER'S REQUIREMENTS FOR A COMPLETE SYSTEM.
- PROVIDE 240 VOLT, 30 AMP, 3 POLE, NEMA-1 FUSIBLE DISCONNECT SWITCH FOR PUMP. FUSE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.



- THESE DRAWINGS ARE THE SOLE PROPERTY OF THE STATE OF NORTH CAROLINA. THE USE OF THESE DRAWINGS MUST COMPLY WITH GOOD STATE OF NORTH CAROLINA STANDARD FORM OF AGREEMENT BETWEEN OWNER AND DESIGNER.
- MATERIALS, DIMENSIONS AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE SPECIFIED ON THIS DRAWING SHALL BE COORDINATED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
- DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
1	02/28/2024	ADDENDUM 01