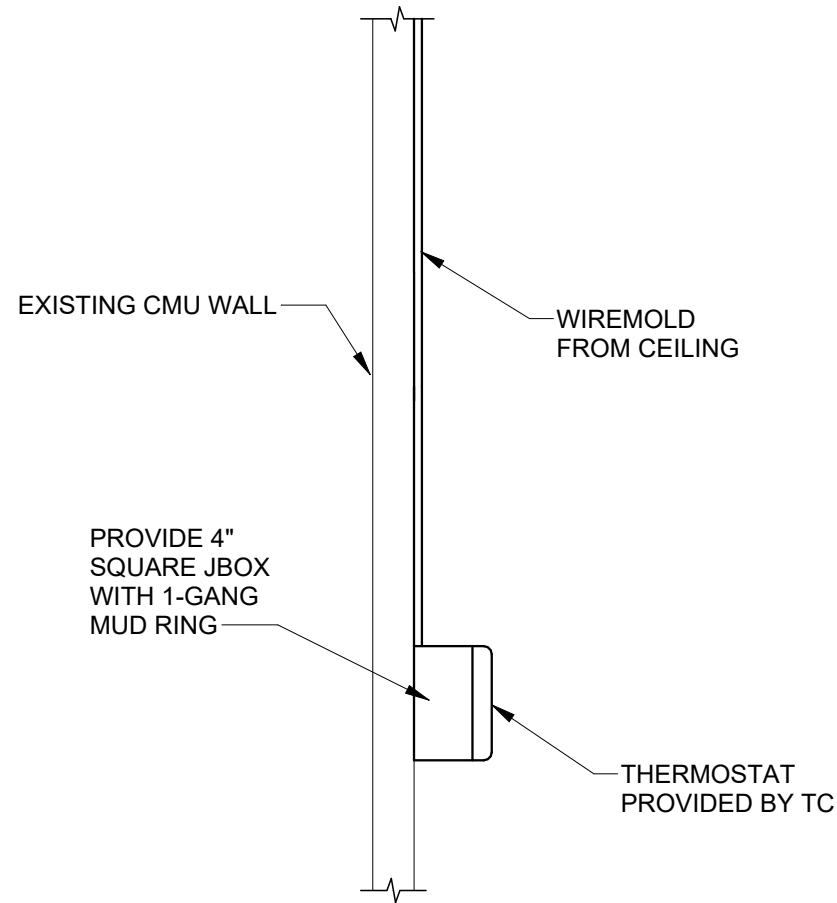
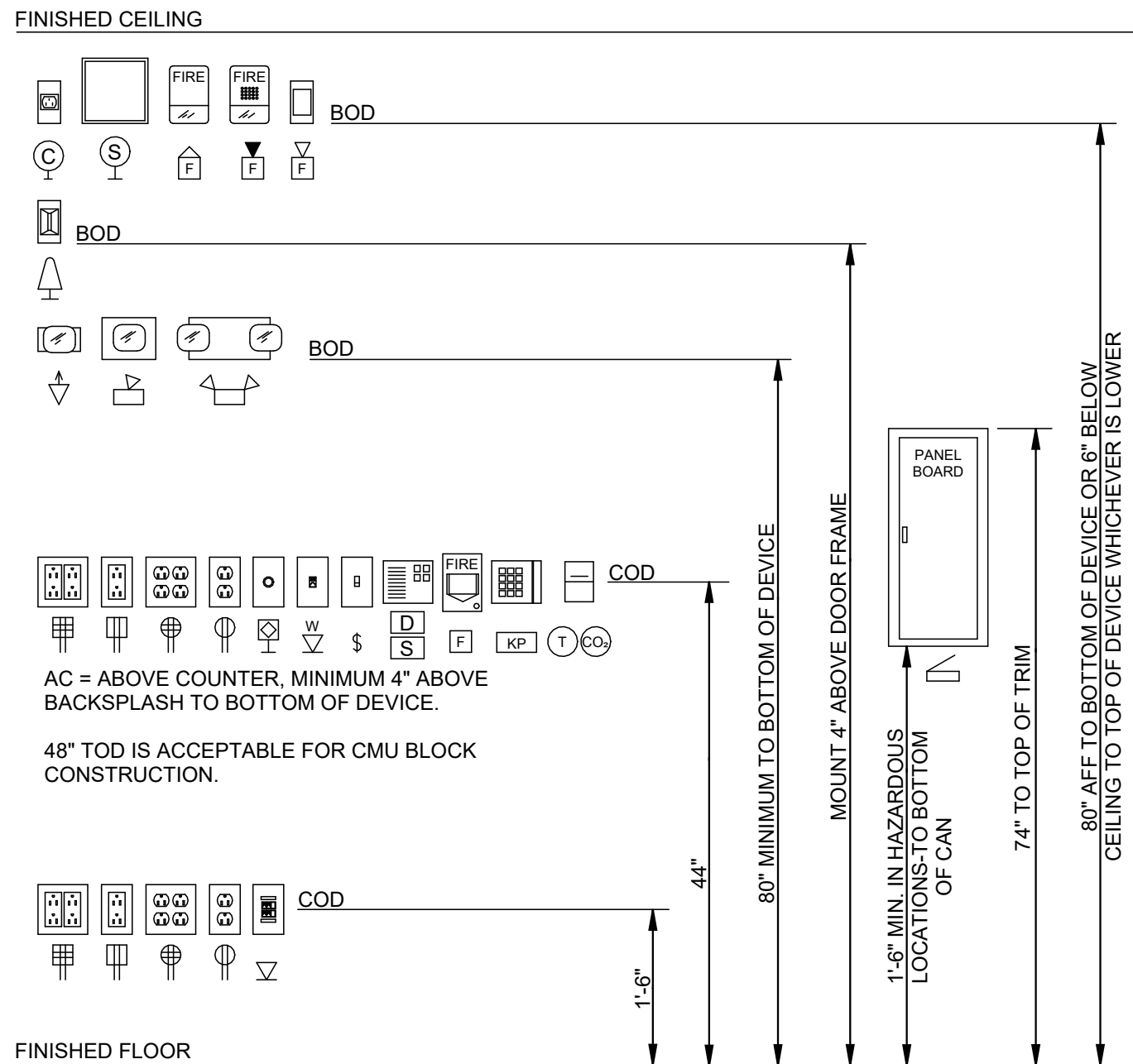


INTERIOR BOX MOUNTING HEIGHTS



\*\*NOT ALL SYMBOLS MAY APPLY\*\*

ELECTRICAL LEGEND

| SYMBOL   | DESCRIPTION                                                                        |
|----------|------------------------------------------------------------------------------------|
| [Symbol] | LAY-IN OR RECESSED FIXTURE, SIZE ON PLANS                                          |
| [Symbol] | WALL MOUNTED FIXTURE, SIZE ON PLANS                                                |
| [Symbol] | SURFACE MOUNTED FIXTURE, SIZE ON PLANS                                             |
| [Symbol] | PENDANT OR SURFACE MOUNTED FIXTURE, SIZE ON PLANS                                  |
| [Symbol] | PENDANT MOUNTED FIXTURE, SIZE ON PLANS                                             |
| [Symbol] | SHADED FIXTURE INDICATES FIXTURE IS UNSWITCHED AND ALSO INDICATES EMERGENCY POWER. |
| [Symbol] | RECESSED DOWNLIGHT FIXTURE                                                         |
| [Symbol] | SURFACE MOUNTED FIXTURE                                                            |
| [Symbol] | WALL MOUNTED FIXTURE                                                               |
| [Symbol] | WALL WASH OR DIRECTIONAL FIXTURE                                                   |
| [Symbol] | WALL SCONCE FIXTURE                                                                |
| [Symbol] | TRACK FIXTURE, SEE PLAN FOR SIZE AND HEADS                                         |
| [Symbol] | CEILING FAN FIXTURE                                                                |
| [Symbol] | CEILING MOUNTED, WALL MOUNTED EXIT LIGHT (W DIRECTIONAL ARROWS)                    |
| [Symbol] | 1 HEAD REMOTE EMERGENCY LIGHT                                                      |
| [Symbol] | 2 HEAD EMERGENCY LIGHT BATTERY PACK                                                |
| [Symbol] | 1 HEAD REMOTE EMERGENCY LIGHT BATTERY PACK                                         |
| [Symbol] | 2 HEAD LIGHT WITH MOTION SENSOR                                                    |
| [Symbol] | SQUARE POLE MOUNTED FIXTURE, EXTERIOR                                              |
| [Symbol] | ROUND POLE MOUNTED FIXTURE, EXTERIOR                                               |
| [Symbol] | POST TOP FIXTURE, EXTERIOR                                                         |
| [Symbol] | BOLLARD FIXTURE, EXTERIOR                                                          |
| [Symbol] | DIRECTIONAL INGROUND FIXTURE, EXTERIOR                                             |

COMMUNICATIONS

| SYMBOL   | DESCRIPTION                                                                                   |
|----------|-----------------------------------------------------------------------------------------------|
| [Symbol] | CATV JACK, WALL MOUNTED                                                                       |
| [Symbol] | CATV JACK CEILING MOUNTED                                                                     |
| [Symbol] | MICROPHONE OUTLET                                                                             |
| [Symbol] | SPEAKER, SPEAKER WALL MOUNTED                                                                 |
| [Symbol] | CLOCK HANGER RECEPTACLE                                                                       |
| [Symbol] | VOICE/DATA JACK                                                                               |
| [Symbol] | NUMERICAL SUBSCRIPT INDICATES NUMBER OF CABLES/JACKS, NO SUBSCRIPT ASSUMES TWO CABLES/JACKS   |
| [Symbol] | W WALL MOUNT TELEPHONE READY JACK                                                             |
| [Symbol] | WAP WIRELESS ACCESS POINT                                                                     |
| [Symbol] | VOICE/DATA JACK MOUNTED IN FLOORBOX                                                           |
| [Symbol] | NUMERICAL SUBSCRIPT INDICATES NUMBER OF CABLES/JACKS, NO SUBSCRIPT INDICATES TWO CABLES/JACKS |

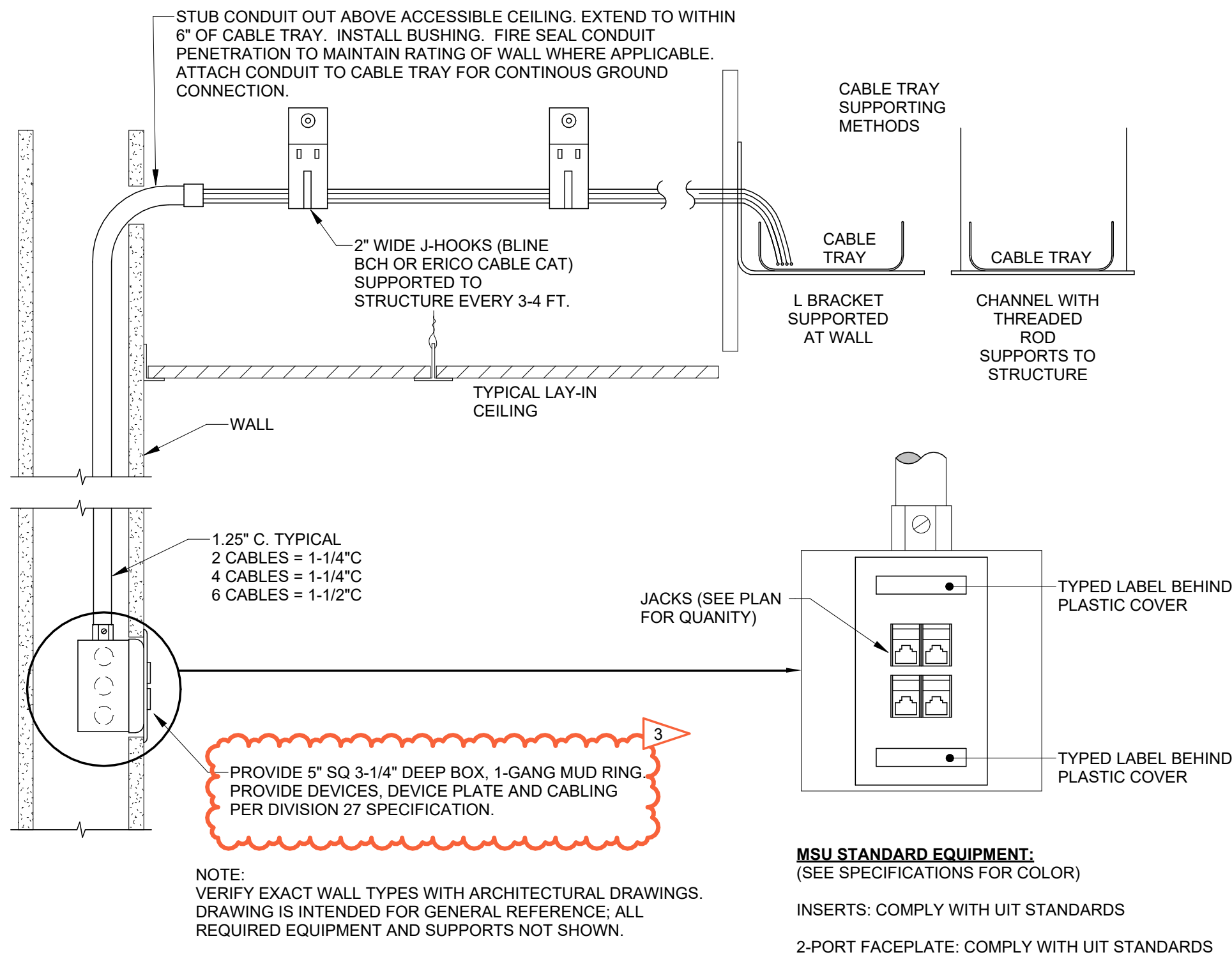
ABBREVIATIONS AND MISCELLANEOUS

| SYMBOL     | DESCRIPTION                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC         | ABOVE COUNTER, 4" BACK SPLASH                                                                                                                                                    |
| ATS        | AUTOMATIC TRANSFER SWITCH                                                                                                                                                        |
| AFG        | ABOVE FINISHED GRADE                                                                                                                                                             |
| AFF        | ABOVE FINISHED FLOOR                                                                                                                                                             |
| BLG        | BELOW GRADE                                                                                                                                                                      |
| BOD        | BOTTOM OF DEVICE                                                                                                                                                                 |
| C          | CONDUIT                                                                                                                                                                          |
| CAS        | CARD ACCESS SYSTEM                                                                                                                                                               |
| CCTV       | CLOSED CIRCUIT TV                                                                                                                                                                |
| CLG        | CEILING                                                                                                                                                                          |
| COD        | CENTER OF DEVICE                                                                                                                                                                 |
| CU         | COPPER                                                                                                                                                                           |
| DVR        | DIGITAL VIDEO RECORDER                                                                                                                                                           |
| EX         | EXISTING                                                                                                                                                                         |
| EC         | ELECTRICAL CONTRACTOR                                                                                                                                                            |
| EF         | EXHAUST FAN                                                                                                                                                                      |
| GC         | GENERAL CONTRACTOR                                                                                                                                                               |
| GND        | GROUND                                                                                                                                                                           |
| LSI        | FIELD ADJUSTABLE LONG TIME, SHORT TIME AND INSTANTANEOUS                                                                                                                         |
| LSIG       | FIELD ADJUSTABLE LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT                                                                                                           |
| MC         | MECHANICAL CONTRACTOR                                                                                                                                                            |
| (N)        | NEW                                                                                                                                                                              |
| NL         | NIGHT LIGHT                                                                                                                                                                      |
| PTZ        | PAN-TILT-ZOOM                                                                                                                                                                    |
| QTY        | QUANTITY                                                                                                                                                                         |
| (R)        | RELOCATED                                                                                                                                                                        |
| SF         | SURFACE                                                                                                                                                                          |
| TBB        | TELECOMMUNICATIONS BONDING BACKBONE                                                                                                                                              |
| TC         | TEMPERATURE CONTROL CONTRACTOR                                                                                                                                                   |
| TMB        | TELECOMMUNICATIONS MAIN GROUNDING BUS BAR                                                                                                                                        |
| TTB        | TELEPHONE TERMINAL BOARD                                                                                                                                                         |
| TYP        | TYPICAL                                                                                                                                                                          |
| UG         | UNDERGROUND                                                                                                                                                                      |
| UON        | UNLESS OTHERWISE NOTED                                                                                                                                                           |
| W          | WITH                                                                                                                                                                             |
| WM         | WIRE MOLD                                                                                                                                                                        |
| WP         | WEATHER PROOF (WHILE IN USE)                                                                                                                                                     |
| XFMR       | TRANSFORMER                                                                                                                                                                      |
| a,b,c etc  | SWITCH DESIGNATION                                                                                                                                                               |
| BN1L-2,4,6 | CIRCUIT DESIGNATION, PANEL BN1L, CIRCUITS 2,4,6                                                                                                                                  |
| 1/E501     | INDICATES DETAIL 1 ON SHEET E501                                                                                                                                                 |
| [Symbol]   | SHEET WORK NOTE                                                                                                                                                                  |
| [Symbol]   | SHEET DEMO WORK NOTE                                                                                                                                                             |
| [Symbol]   | HOME RUN TO PANEL                                                                                                                                                                |
| [Symbol]   | CONDUIT CONCEALED IN CEILING OR WALL                                                                                                                                             |
| [Symbol]   | CONDUIT CONCEALED UNDER FLOOR                                                                                                                                                    |
| [Symbol]   | LOW VOLTAGE CIRCUIT                                                                                                                                                              |
| [Symbol]   | FIBER OPTIC CABLE                                                                                                                                                                |
| [Symbol]   | CABLE TRAY                                                                                                                                                                       |
| [Symbol]   | CIRCUIT, NUMBER OF HASH MARKS INDICATES NUMBER OF CONDUCTORS IN CABLE/RACEWAY. GROUND WIRE IS NOT SHOWN BUT SHALL BE INCLUDED. NO HASH MARKS INDICATES 2 CONDUCTORS PLUS GROUND. |

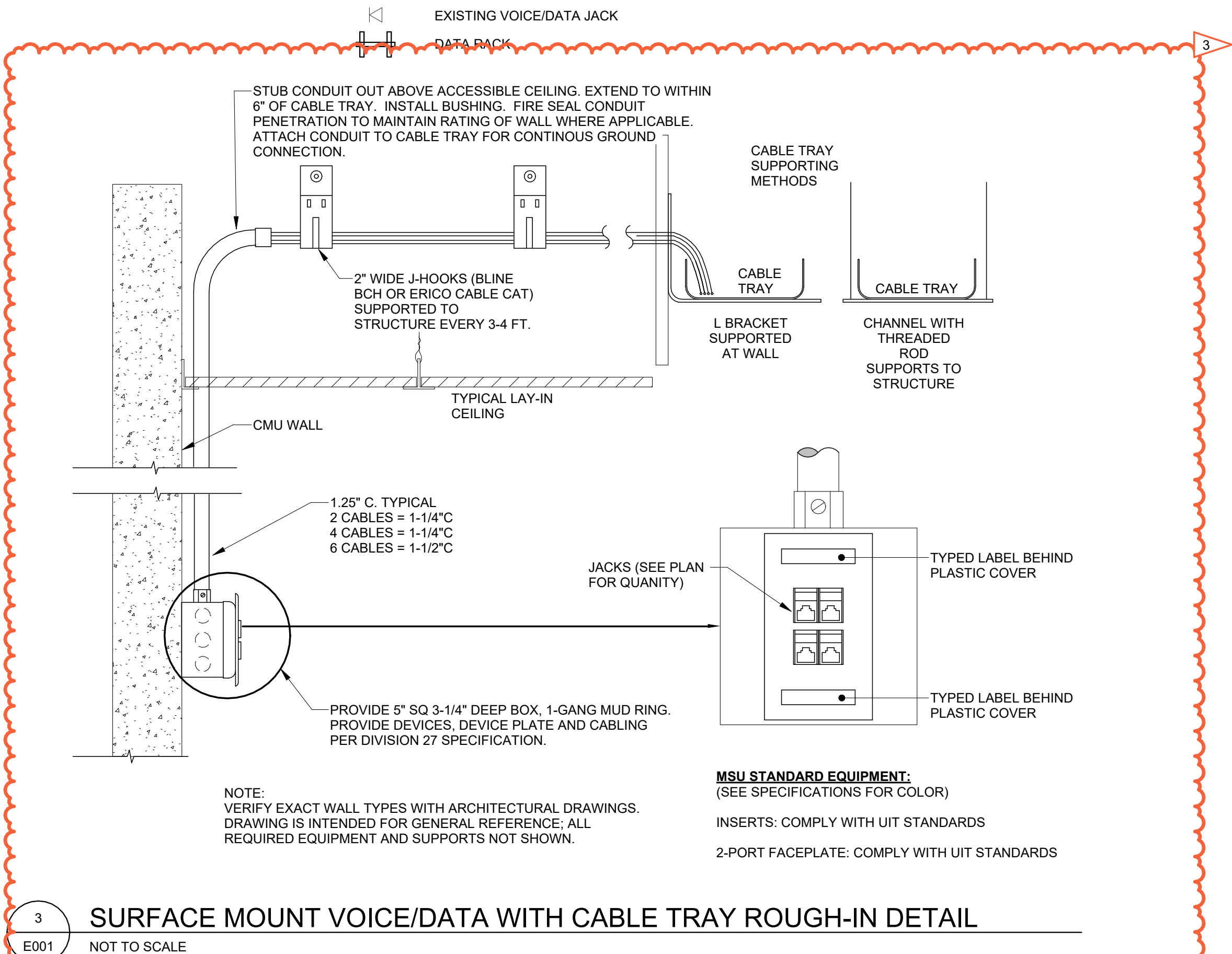
DEVICES AND POWER

| SYMBOL   | DESCRIPTION                                                                             |
|----------|-----------------------------------------------------------------------------------------|
| [Symbol] | SWITCH - SPST                                                                           |
| 2        | SINGLE POLE, DOUBLE THROW                                                               |
| 3        | THREEWAY                                                                                |
| 4        | FOURWAY                                                                                 |
| K        | KEY OPERATED                                                                            |
| P        | PILOT LIGHT                                                                             |
| WP       | WEATHERPROOF                                                                            |
| OS       | OCCUPANCY SENSOR                                                                        |
| D        | DIMMER                                                                                  |
| MC       | SPOT-MOMENTARY CONTACT                                                                  |
| LV       | LOW VOLTAGE                                                                             |
| T        | TIMER SWITCH                                                                            |
| TS       | TEST SWITCH                                                                             |
| [Symbol] | OCCUPANCY SENSOR (CEILING) - SUBSCRIPT IS TYPE                                          |
| [Symbol] | RECEPTACLE - SIMPLEX                                                                    |
| [Symbol] | RECEPTACLE - DUPLEX, MOUNTING IN CEILING                                                |
| [Symbol] | GFI RECEPTACLE - DUPLEX, MOUNTING IN CEILING                                            |
| [Symbol] | RECEPTACLE - DUPLEX                                                                     |
| USB      | DEVICE RECEPTACLE W/ USB-A & USB-C PORTS                                                |
| DC       | DROP CORD                                                                               |
| WP       | WEATHERPROOF COVER & WEATHER RESISTANT RECEPTACLE                                       |
| TR       | TAMPER RESISTANT                                                                        |
| S        | SURGE PROTECTED                                                                         |
| IG       | ISOLATED GROUND                                                                         |
| [Symbol] | FILLED CENTER INDICATES HOSPITAL GRADE EMERGENCY RECEPTACLE                             |
| [Symbol] | RECEPTACLE - DUPLEX WITH TOP HALF CONTROLLED AND PERMANENTLY MARKED "CONTROLLED"        |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | GFI RECEPTACLE - DUPLEX (GROUND FAULT INTERRUPT)                                        |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | RECEPTACLE - DOUBLE DUPLEX                                                              |
| [Symbol] | GFI RECEPTACLE - DOUBLE DUPLEX                                                          |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | RECEPTACLE - DOUBLE DUPLEX WITH TOP HALF CONTROLLED AND PERMANENTLY MARKED "CONTROLLED" |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | RECEPTACLE - 208V                                                                       |
| R        | RANGE - NEMA 14-50R                                                                     |
| D        | DRYER - NEMA 14-30R                                                                     |
| W        | WELDER - NEMA 14-50R                                                                    |
| *        | NEMA CONFIGURATION AS NOTED                                                             |
| [Symbol] | 208V RECEPTACLE IN RECESSED FLOORBOX                                                    |
| [Symbol] | DUPLEX RECEPTACLE/GFI IN RECESSED FLOORBOX                                              |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | DOUBLE DUPLEX RECEPTACLE/GFI IN RECESSED FLOORBOX                                       |
| [Symbol] | - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE                                        |
| [Symbol] | J-BOX - BOX INDICATES FLOOR MOUNTING -4"x4"x2-1/8" DEEP UNLESS OTHERWISE NOTED          |
| [Symbol] | POWER POLE                                                                              |
| [Symbol] | THERMOSTAT/TEMPERATURE SENSOR BY MC OR TC, J-BOX AND CONDUIT TO CEILING BY EC           |
| [Symbol] | CARBON MONOXIDE DETECTOR BY MC, J-BOX & CONDUIT TO CEILING BY EC                        |
| [Symbol] | MANUAL MOTOR DISCONNECT/STARTER SWITCH                                                  |
| [Symbol] | EMERGENCY PUSHBUTTON                                                                    |
| [Symbol] | RELAY                                                                                   |
| [Symbol] | PHOTOCELL, PHOTOCELL WALL MOUNTED                                                       |
| [Symbol] | SPECIAL PURPOSE CONNECTION - BOX INDICATES FLOOR MOUNTING - WORK AS NOTED               |
| [Symbol] | ELECTRIC MOTOR CONNECTION                                                               |
| [Symbol] | COMBINATION STARTER/DISCONNECT SWITCH                                                   |
| [Symbol] | DISCONNECT SWITCH                                                                       |
| [Symbol] | CONTACTOR                                                                               |
| [Symbol] | CIRCUIT BREAKER                                                                         |
| [Symbol] | VARIABLE FREQUENCY DRIVE                                                                |
| [Symbol] | CONTROL PANEL                                                                           |
| LRP      | LIGHTING RELAY PANEL                                                                    |
| TOP      | TEMPERATURE CONTROL PANEL                                                               |
| GAP      | GENERATOR ANNUNCIATOR PANEL                                                             |
| PACP     | PA CONTROL PANEL                                                                        |
| MGA      | MED GAS ALARM PANEL                                                                     |
| [Symbol] | TIME CLOCK                                                                              |
| [Symbol] | EXISTING PANELBOARD, SURFACE MOUNTED                                                    |
| [Symbol] | EXISTING PANELBOARD, FLUSH MOUNTED                                                      |
| [Symbol] | PANELBOARD, SURFACE MOUNTED                                                             |
| [Symbol] | PANELBOARD, FLUSH MOUNTED                                                               |
| [Symbol] | ELECTRIC METER, BUILDING MOUNTED                                                        |
| [Symbol] | TRANSFORMER, INTERIOR                                                                   |
| [Symbol] | TRANSFORMER, EXTERIOR                                                                   |

1 SURFACE MOUNT THERMOSTAT ROUGH IN.  
E001 NOT TO SCALE



2 VOICE/DATA WITH CABLE TRAY ROUGH-IN DETAIL  
E001 NOT TO SCALE



3 SURFACE MOUNT VOICE/DATA WITH CABLE TRAY ROUGH-IN DETAIL  
E001 NOT TO SCALE

ELECTRICAL SHEET INDEX

|       |                               |
|-------|-------------------------------|
| E005  | LEGENDS, SCHEDULES AND PANELS |
| E001  | PANEL SCHEDULES               |
| E002  | ELECTRICAL SPECIFICATIONS     |
| E003  | DEMOLITION POWER PLANS        |
| ED300 | LIGHTING PLANS                |
| E200  | POWER PLANS                   |
| E300  | SPECIAL SYSTEMS PLANS         |
| E400  |                               |

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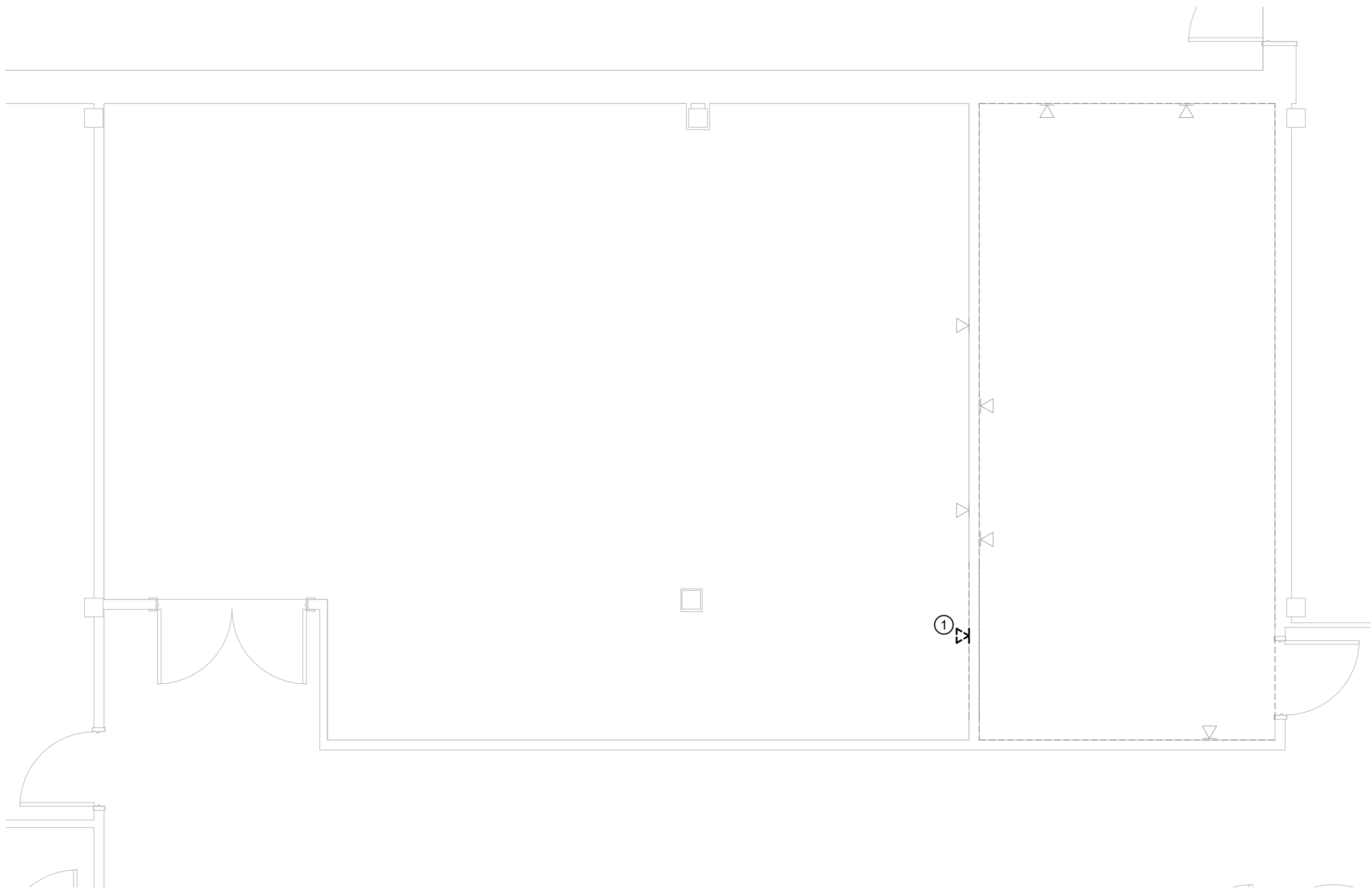
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DATE 10.28.2025  
ADD 05

MONTANA  
JEFFREY LYNN  
No. 11561 PE  
LICENSED PROFESSIONAL ENGINEER

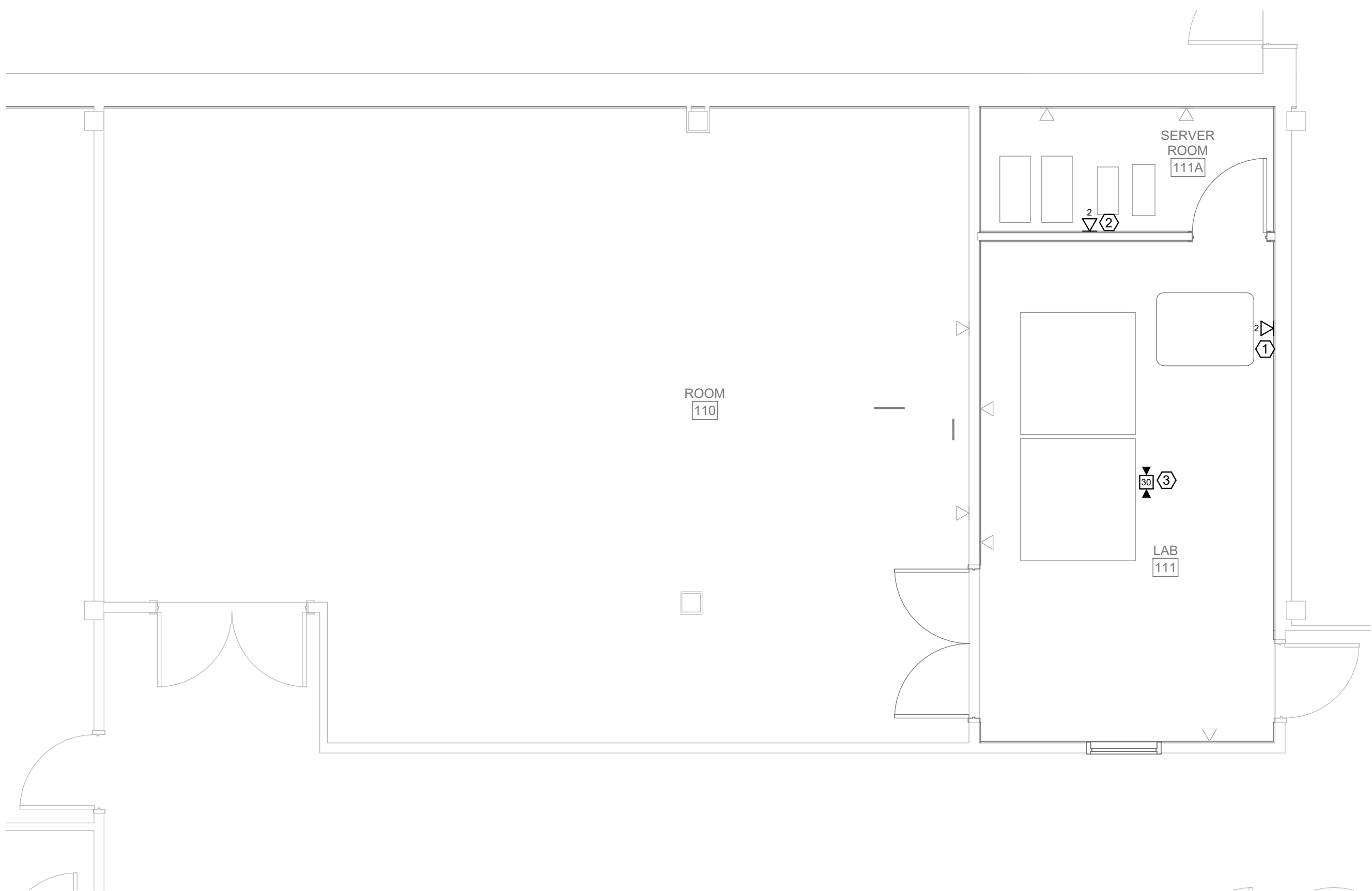
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LEGENDS,  
SCHEDULES AND  
PANELS

SHEET  
E001

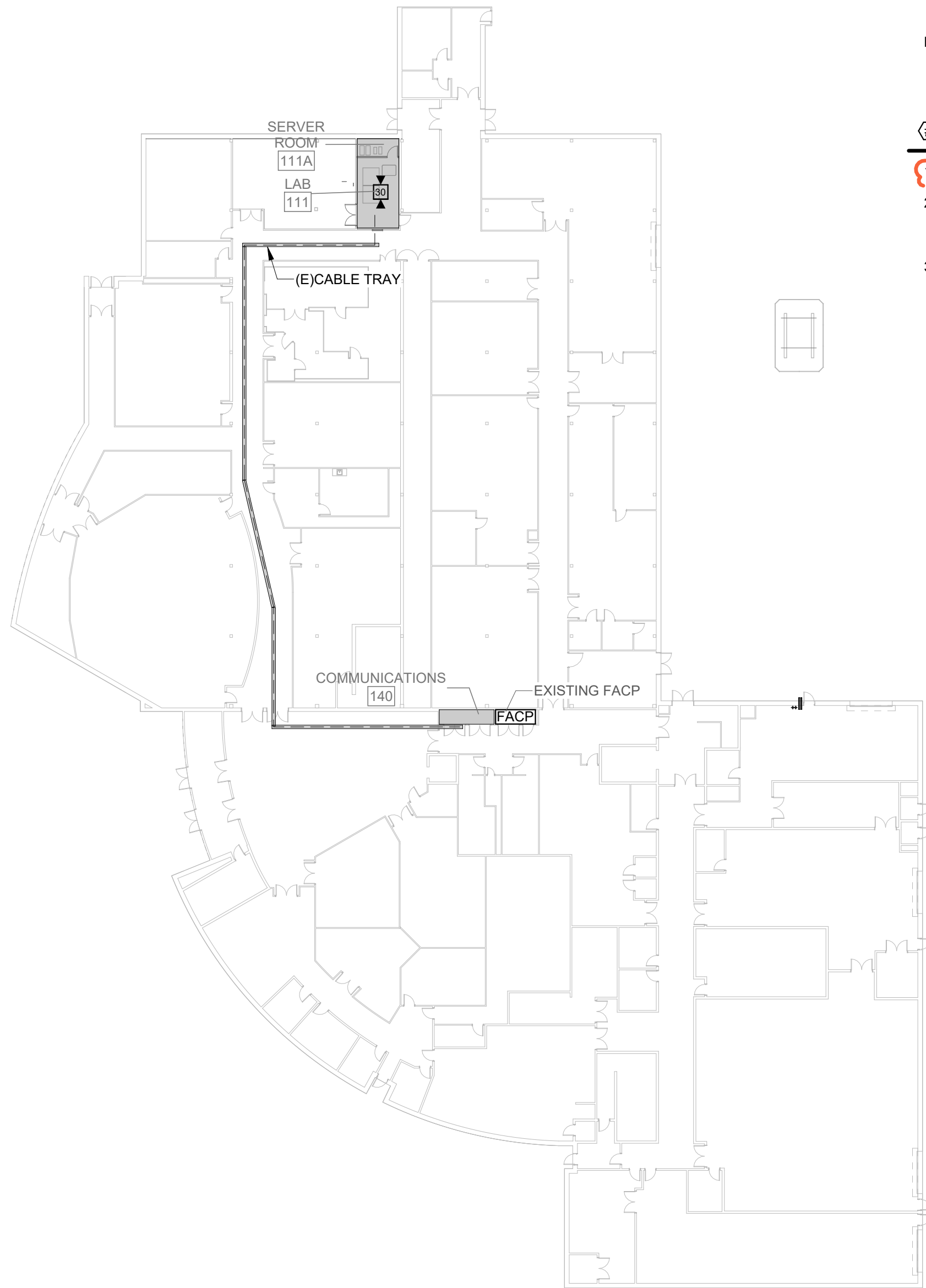
DATE  
07.15.2025



1 FIRST FLOOR DEMOLITION SPECIAL SYSTEMS PLAN  
E400 1/4" = 1'-0"



2 FIRST FLOOR REMODEL SPECIAL SYSTEMS PLAN  
E400 1/4" = 1'-0"



5 DATA KEYPLAN  
E400 1" = 30'-0"

GENERAL DEMOLITION NOTES

- A. ELECTRICAL WORK IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. PATCHING AND PAINTING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- B. DISCONNECT ALL ELECTRICAL ITEMS WHICH ARE TO BE REMOVED AND/OR RELOCATED WHILE MAINTAINING CONTINUITY OF REMAINING CIRCUITRY.
- C. PROVIDE NEW CONDUCTORS, RACEWAYS, ETC., AS REQUIRED TO MAINTAIN OPERATION OF EXISTING OUTLETS, EQUIPMENT, ETC. WHICH REMAIN OR ARE RELOCATED.
- D. NO EXISTING WIRING MAY BE REUSED IN THE NEW ELECTRICAL WORK UNLESS OTHERWISE NOTED.
- E. ALL EXISTING CIRCUITS, CONDUIT AND WIRE THAT ARE NOT IN USE AFTER DEMOLITION IS COMPLETED SHALL BE REMOVED.
- F. EXISTING LIGHT FIXTURES WHICH ARE NOT REUSED SHALL BE DELIVERED TO THE OWNER.
- G. EXISTING CONDUITS IN THE FLOOR WHICH ARE NOT USED AND WHICH ARE ABANDONED SHALL BE TRIMMED TO FLOOR SURFACE, GROUND FLUSH AND FILLED WITH GROUT. FINISH FLOOR TO MATCH EXISTING.
- H. WORK SHALL BE PERFORMED WITH NO DISRUPTION OF THE OWNER'S BUSINESS. ALL ELECTRICAL POWER DISRUPTIONS SHALL BE SCHEDULED AND APPROVED BY THE OWNER.
- I. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH NEC, STATE AND LOCAL BUILDING CODE.
- J. ALL DASHED ITEMS ON DEMOLITION PLANS ARE TO BE REMOVED UNLESS NOTED OTHERWISE. SOLID ITEMS ARE TO REMAIN OR TO BE RELOCATED AS NOTED. NOTE - ITEMS SHOWN IN THE DEMOLITION PLANS ARE BASED ON FIELD OBSERVATIONS. ADDITIONAL ELECTRICAL ITEMS MAY BE ENCOUNTERED THAT ARE NOT SHOWN - ALL GENERAL ELECTRICAL ITEMS ARE TO BE REMOVED THAT ARE NOT SHOWN, BUT ARE IN AREAS OF COMPLETE REMODEL.

# DEMOLITION KEYNOTES

- 1. RETAIN EXISTING CATEGORY 6 CABLING FROM DATA OUTLET THAT IS REMOVED.

GENERAL NOTES

- A. COMPLY WITH LATEST ADOPTED NEC, NFPA 72 AND LATEST ADOPTED IBC/IFC.
- B. ALL NEW DATA SHALL BE CAT 6A ROUTED TO COMMUNICATIONS ROOM 140.

# REMODEL KEYNOTES

- 1. SEE DETAIL 3/E001 FOR SURFACE MOUNTED DATA DETAIL.
- 2. PHONE LINE AND LAN CONNECTION FOR NEW LITHOGRAPHY MACHINE. COORDINATE EXACT LOCATION OF DATA OUTLET WITH EQUIPMENT INSTALLER BEFORE ROUGH IN.
- 3. PROVIDE NEW HORN STROBE AND CONNECT TO NEAREST NAC CIRCUIT. CONTRACTOR SHALL VERIFY CIRCUIT LOAD TO ENSURE AMPERAGE MEETS CODE REQUIREMENTS. SEE PLAN FOR FACP LOCATION.

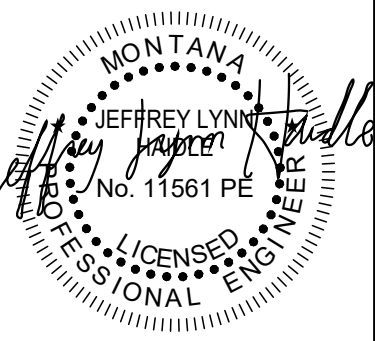


MSU-CPDC  
MONTANA STATE UNIVERSITY  
BOZEMAN, MONTANA  
PHONE: 406.994.5413  
FAX: 406.994.5665

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LAB RENOVATION  
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| DRAWN    |             | RESTAD     |  |
| REVIEWED |             | HAIDLE     |  |
| DATE     | DESCRIPTION | DATE       |  |
| 5        | ON ADD 05   | 10.28.2025 |  |
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SHEET TITLE  
SPECIAL  
SYSTEMS PLANS

SHEET  
E400

DATE  
07.15.2025