**ADDENDUM #2**
ISSUE DATE: **June 12, 2024**

RE: **GOLDA MEIR LIBRARY LUBAR CONFERENCE RENOVATION**
**UNIVERSITY OF WISCONSIN – MILWAUKEE**
**GPC (GENERAL PRIME CONTRACTORS) BID DOCUMENTS**
UWSA Project No. **B-23-001**

BID OPENING: For GPC BIDDERS: 2:00 P.M., THURSDAY, June 27, 2024

FROM: **Hammel, Green and Abrahamson, Inc. Architects and Engineers**
**333 East Erie Street**
**Milwaukee, WI 53202**

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated **May 24, 2024** as noted below. Acknowledge receipt of this Addendum by inserting the number and issue date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 6 pages. This text document of two (2) pages attached Sheets E103, E203, E303, E601 (4) page for the total of 6 pages.

PREBID WALKTHROUGH (occurred on Thursday, July 20, 1:00 p.m.) QUESTIONS AND ANSWERS:

1. NONE in this Addendum

CHANGES TO BIDDING REQUIREMENTS:

2. NONE in this Addendum

CHANGES TO SPECIFICATIONS (DIVISIONS 2 THRU 28):

1. 09 68 00 Carpeting
    a. Page 118 Line 13 CPT-1 to be changed to: Interface, Collection: World Woven, Pattern: W890, Style: 128240AK00, Color: 105390 Sisal Dobby
    b. CPT-2 to be added as: Mannington Commercial: Cross Talk, Direct Current: 13406 – To match existing.

CHANGES/ADDITIONS TO DRAWINGS:

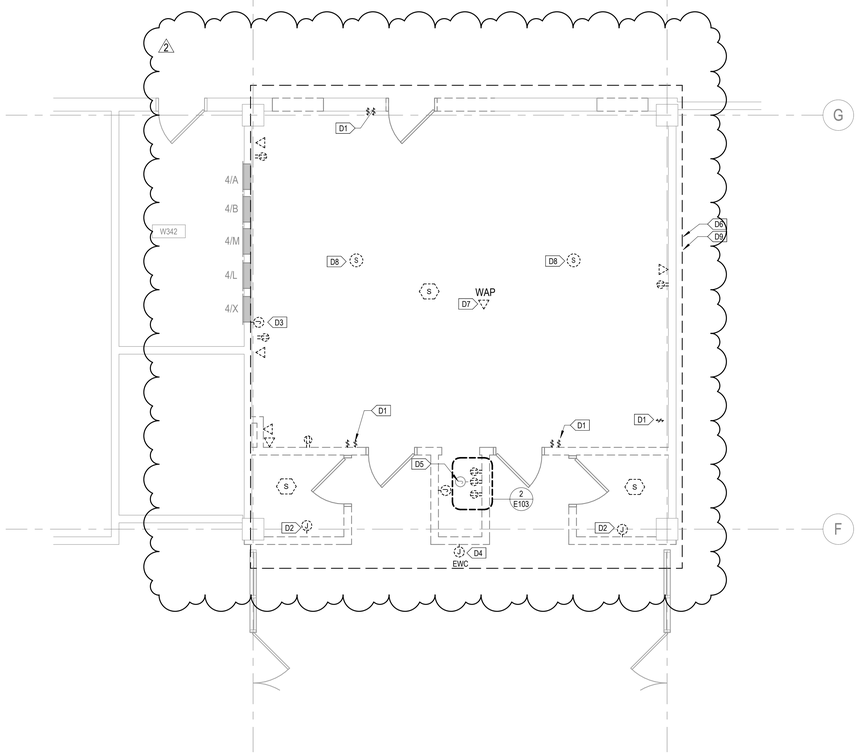
- E103
    - Architectural backgrounds did not properly print in the previously released set. Updated drawings to show backgrounds.
- E203
    - Architectural backgrounds did not properly print in the previously released set. Updated drawings to show backgrounds.
- E303
    - Removed 2D data device mounted at 18” on the plan west wall.
- E601
    - Updated detail #5 to reflect the removal of the 18” mounted 2D data device on E303.

END OF ADDENDUM

**Hammel, Green and Abrahamson, Inc. Architects and Engineers**
**333 East Erie Street**
**Milwaukee, WI 53202**

For the Board of Regents of the University of Wisconsin
On Behalf of the University of Wisconsin – Madison
1860 Van Hise Hall, 1220 Linden Drive
Madison, Wisconsin 53703

2 EXISTING CONTROL BOX
NTS




1 DEMOLITION PLAN - LEVEL 03
1/4" = 1'-0"

## KEYNOTES

| # | DESCRIPTION |
|---|---|
| D1 | DISCONNECT AND REMOVE LIGHT SWITCH(ES). DISCONNECT AND REMOVE ALL CONDUCTORS, CABLING, AND RACEWAYS BACK TO THE SOURCE. |
| D2 | DISCONNECT AND REMOVE EXISTING HAND DRYER. REMOVE CIRCUIT AND ALL ASSOCIATED WIRING AND CONDUIT BACK TO THE SOURCE. LABEL ANY SPARE BREAKERS CREATED BY THE DEMOLITION OF THE CIRCUITS AS "SPARE" OR REUSE THE BREAKER FOR ANY NEW CIRCUIT. |
| D3 | DISCONNECT AND REMOVE EXISITNG PROJECTOR SCREEN. DISCONNECT AND REMOVE ALL CONDUCTORS, CABLING, RACEWAYS AND ASSOCIATED CONTROLS BACK TO THE SOURCE. LABEL ANY SPARE BREAKERS CREATED BY THE DEMOLITION OF THE CIRCUITS AS "SPARE" OR REUSE THE BREAKER FOR ANY NEW CIRCUIT. |
| D4 | DISCONNECT AND REMOVE EXISTING ELECTRIC WATER COOLER. DISCONNECT AND REMOVE ALL CONDUCTORS, CABLING, AND RACEWAYS BACK TO THE SOURCE. LABEL ANY SPARE BREAKERS CREATED BY THE DEMOLITION OF THE CIRCUITS AS "SPARE" OR REUSE THE BREAKER FOR ANY NEW CIRCUIT. |
| D5 | ELECTRICAL CONTRACTOR SHALL RELOCATE EXISTING CONTROL BOX ABOVE AN ACCESSIBLE CEILING. EXTEND WIRING AND CABLING AS NEEDED WHILE REROUTING ANY ASSOCIATED CONDUIT. |
| D6 | DEMOLISH AND REMOVE ALL EXISTING LIGHTING AND CONTROLS IN THE AREA OF SCOPE. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING LIGHTING CIRCUITS FOR THE CIRCUITING OF THE NEW LIGHTING FIXTURES. |
| D7 | REMOVE WIRELESS ACCESS POINT AND TURN OVER TO THE AGENCY FOR RE-USE. REMOVE THE DATA OUTLET, JACKS, CONDUIT, BACK BOX, AND ASSOCIATED CABLING BACK TO THE POINT OF TERMINATION. |
| D8 | ELECTRICAL CONTRACTOR SHALL REMOVE OVERHEAD PAGING LOUDSPEAKER. MAINTAIN CONNECTIVITY OF THE OVERHEAD PAGING CIRCUIT AND AVOID DISCONNECTING ANY REMAINING LOUDSPEAKERS IN THE EXISITNG CIRCUIT. |
| D9 | DIVISION 28 CONTRACTOR SHALL REMOVE ALL EXISTING FIRE ALARM DEVICES WITHIN THE SCOPE OF WORK. REUSE EXISTING CABLING IF POSSIBLE FOR NEW DEVICES. MAINTAIN CONNECTIVITY OF THE FIRE ALARM SYSTEM AND AVOID DISCONNECTING ANY REMAIN FIRE ALARM DEVICES IN THE EXISTING CIRCUIT. |

GENERAL NOTES - DEMOLITION

A. ALL DEMOLITION WORK TO BE DONE BY THE ABATEMENT CONTRACTOR UNLESS NOTED OTHERWISE.

B. EXISTING EQUIPMENT, DEVICES, AND LIGHTS INDICATED ON PLAN WERE TAKEN FROM EXISTING PLANS AND/OR FIELD OBSERVATION, AND SHALL NOT BE CONSIDERED COMPLETELY ACCURATE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT ANY WORK UNDER THIS CONTRACT.

C. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT CONDITIONS PRIOR TO ANY DEMOLITION. ABATEMENT CONTRACTOR SHALL MAINTAIN CONTINUITY OF ADJACENT CIRCUITS TO DEVICES OR EQUIPMENT THAT ARE TO REMAIN DURING CONSTRUCTION. ELECTRICAL CONTRACTOR TO REROUTE CONDUIT AND WIRING AS NECESSARY.

D. ELECTRICAL DEVICES AND EQUIPMENT SHOWN AS BOLD AND DASHED ARE TO BE DEMOLISHED AND IT IS THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO DISPOSE OF UNLESS NOTED OTHERWISE. ELECTRICAL DEVICES/EQUIPMENT SHOWN WITH HALFTONED/LIGHT SOLID LINE TYPE ARE EXISTING TO REMAIN OR RELOCATED. ANY ITEMS TO BE TURNED OVER TO FACILITIES MANAGEMENT WILL BE NOTED.

E. ELECTRICAL CONTRACTOR SHALL FILL, PATCH AND PAINT WALL AFTER DEMOLITION OF ANY RECESSED DEVICE. BLANK FACEPLATES ARE NOT ALLOWED FOR THE COVERING OF DEMOLISHED DEVICES.

F. DISCONNECT AND REMOVE EXISTING ELECTRICAL, LIGHTING AND SYSTEMS DEVICES AND WIRING THAT ARE RENDERED OBSOLETE BY THIS REMODEL. DISCONNECT AND REMOVE ALL CONDUCTORS, CABLING, AND RACEWAYS BACK TO THE SOURCE UNLESS NOTED OTHERWISE. DISCONNECT AND REMOVE ALL MOUNTING, SUPPORT AND HANGERS THAT WILL NOT BE REUSED.

G. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THAT PANEL 4/A FEEDS THE AREA OF WORK.

H. COORDINATE ANY PANEL SHUTDOWNS WITH THE OWNER AND BUILDING FACILITIES TEAM PRIOR TO SHUTDOWN. OWNER AND BUILDING FACILITIES MUST APPROVE SHUTDOWN BEFORE PROCEEDING.

LIGHTING DEMOLITION SCOPE

A. DEMOLISH AND REMOVE ALL LIGHT FIXTURES WITHIN THE AREA OF SCOPE.
   1. DEMOLISH AND REMOVE DISPLAY CASE LIGHT FIXTURE
   2. DEMOLISH AND REMOVE WALL WASHER LIGHT ON WEST SIDE WALL ABOVE THE PROJECTOR SCREEN.
   3. DEMOLISH AND REMOVE SURFACE MOUNTED 1'X4' LIGHT FIXTURES (ESTIMATED 12 FIXTURES).
   4. DEMOLISH AND REMOVE ALL BATHROOM LIGHTING.
   5. DEMOLISH AND REMOVE WALL WASHER LIGHT NEXT TO DISPLAY CASE.

B. DEMOLISH ALL LIGHTING CONTROLS WITHIN THE AREA OF SCOPE.

C. REUSE EXISTING LIGHTING CIRCUITS (IF 120V) FOR THE CIRCUITING OF THE NEW LIGHT FIXTURES. FIELD VERIFY VOLTAGE PRIOR TO SUBMITTAL OF ANY NEW LIGHT FIXTURES.

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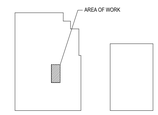
**UW-MILWAUKEE**
**GOLDA MEIR LIBRARY**
**LUBAR CONFERENCE ROOM RENOVATION**
UWSA: B-23-001
GML B1970

2311 E HARTFORD AVE.
MILWAUKEE, WI 53211

UNIVERSITY of WISCONSIN
UWMILWAUKEE



KEYPLAN

| NO | DESCRIPTION | DATE |
|---|---|---|
| 2 | Addenda 2 | 06/12/2024 |

ISSUANCE HISTORY - THIS SHEET

HGA NO: 4200-026-00

**DEMOLITION PLAN - LEVEL 03**

DATE: MAY 24, 2024

**BID SET**

E103

## LUMINAIRE SCHEDULE

| TYPE | DESCRIPTION | MOUNTING | LENS/REFLECTOR | LAMP/LUMENS | BALLAST/POWER SUPPLY | WATTS | VOLTAGE | MANUFACTURER | CATALOG NUMBER | ALTERNATES | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BH1 | LED VANITY LIGHT | WALL MOUNT ABOVE MIRROR | FROSTED ACRYLIC LENS | LED W/ UNIT, 1400 LM, 4000K | INTEGRAL, 0-10V DIMMING | 10 VA | 120 V | LITHONIA | FMVCSLS-24-MVOLT-X | SCOTT:S3A76-L16-40K-NT-FEC | |
| CL1 | LED LINEAR COVE | SEE ARCHITECTURAL DETAIL #10 ON A661 | ASYMMETRIC DISTRIBUTION | LED W/ UNIT, 379 LM PER FT, 4000K | INTEGRAL, 0-10V DIMMING | 260 VA | | QTRAN | SD-SW24/4.0-DRY-30-ARKA-ST-SST-DF | ACOLYTE:CHAC2-AC2-F-0-SWS268-40 | 1 |
| DU1 | 4" LED DOWNLIGHT | RECESSED CEILING | MEDIUM WIDE DISTRIBUTION | LED W/ UNIT, 2095 LM, 4000K | INTEGRAL, 0-10V DIM, 1% | 16 VA | 120 V | ALPHABET | NU4RD-SW-20LM-40K80-UNV-WT-DIM10 | USAI: 3021AC1-S01-LRTD4-90016C3-40K-50-FT-277-DIML2 | |
| LG1 | WALL WASH | RECESSED CEILING | WALL WASH | LED W/ UNIT, 500 LM/FT, 4000K | INTEGRAL, 0-10V DIM, 10% | 58 VA | 120 V | FINELITE | HP4-R-WW-XFT-S-840-K-SSA-120-SC-FC10-VF-SW | BMRLED 500-80-40-ASO-SX-W-UNV-DP | 1 |
| T1 | 8' TRACK | CEILING MOUNTED | N/A | N/A | LINE DIMMING | 80 VA | 120 V | CONTECH | LT2-28-P | WAC LIGHTING:W TRACK | |
| TA1 | TRACK HEAD | MOUNTED ON TRACK | FLOOD DISTRIBUTION | 2123 LM | LINE DIMMING | 20 VA | 120 V | CONTECH | CTL9053-F-3C-D-P | WAC LIGHTING: LUCIO 6010 | 2 |

LUMINAIRE SCHEDULE NOTES:

1. PROVIDE ALL PARTS AND PIECES NEEDED FOR A COMPLETE SYSTEM.
2. PROVIDE EXTRA OPTICS:
   A. (4) CTL9053-M
   B. (4) CTL9053-WF

## KEYNOTES

| # | DESCRIPTION |
|---|---|
| L1 | PROVIDE (2) RECESSED IN THE WALL DIMMERS FOR THE THE TWO CIRCUIT TRACK LIGHTING. EACH DIMMER SHALL CONTROL A 120V CIRCUIT OF THE TRACK LIGHTING. TRACK LIGHTING IS FORWARD/120V DIMMING. |
| L2 | SWITCH FOR DISPLAY CASE SHALL CONTROL ON/OFF FUNCTIONALITY ONLY. |
| L3 | LABEL EACH SWITCH AS "COVE", "WALL", "CEILING", & "DISPLAY CASE", RESPECTIVELY. |

GENERAL NOTES - LIGHTING

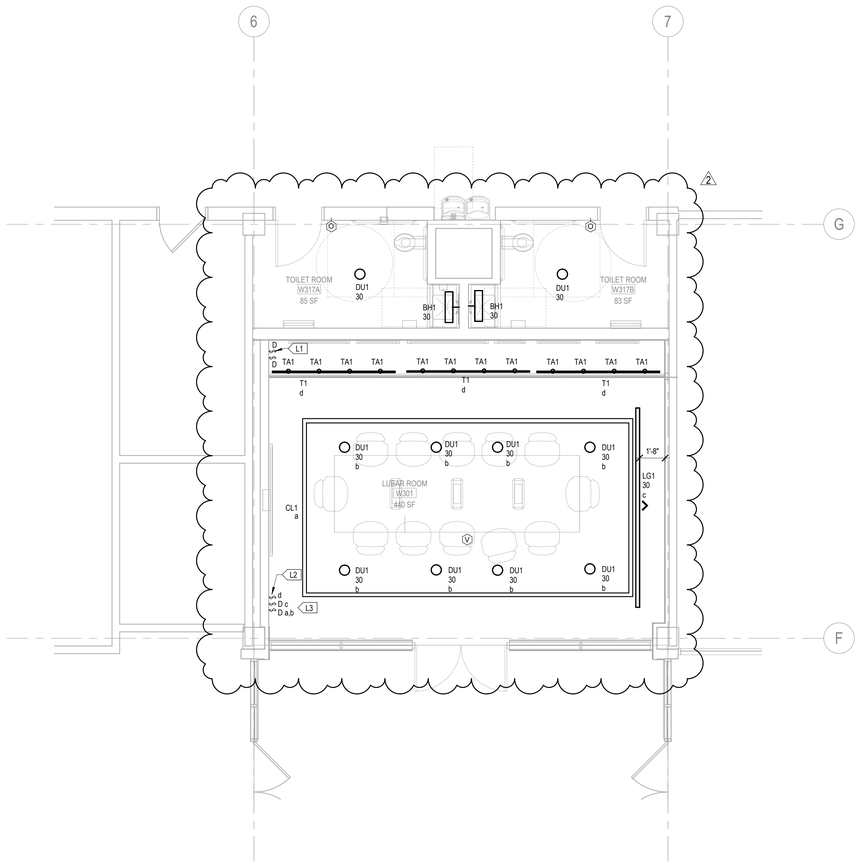
A. COORDINATE EGRESS LIGHTING AND EXIT REQUIREMENTS WITH ARCHITECTURAL LIFE SAFETY PLANS.

B. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF LUMINAIRES IN MECHANICAL ROOMS WITH DUCTS, PIPES, AND EQUIPMENT. MOUNT LUMINAIRES BELOW DUCTS AND PIPES AND DO NOT MOUNT LUMINAIRES OVER EQUIPMENT. SUPPORT LUMINAIRES INDEPENDENTLY OF DUCTS, PIPES, AND EQUIPMENT.

C. LIGHT FIXTURES SHALL BE CIRCUITED USING THE EXISTING CIRCUITS FOM THE PREVIOUSLY DEMOLISHED LIGHT FIXTURES IF THE EXISTING FIXTURES WERE 120V. FIELD VERIFY EXISTING LIGHTING VOLTAGE PRIOR TO THE START OF CONSTRUCTION. IF EXISTING FIXTURES WERE 277V, CIRCUIT NEW 120V FIXTURES TO PANEL 4/A. THE CIRCUITING ON THESE PLANS SHOW AN EXAMPLE ON HOW TO CIRCUIT THE FIXTURES.

D. CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. PROVIDE COMPLETE CONDUIT AND WIRING BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS, AND SWITCHING IDENTIFICATION.

E. WHERE OCCUPANCY AND VACANCY SENSORS ARE SHOWN, PROVIDE APPROPRIATE TYPES AND QUANTITIES OF SENSORS TO ACCOMMODATE ROOM GEOMETRY. INSTALL OCCUPANCY AND VACANCY SENSORS AT LOCATIONS RECOMMENDED BY MANUFACTURER. SEE OCCUPANCY AND VACANCY SENSOR SHOP DRAWINGS FOR REFERENCE.




1 LIGHTING PLAN - LEVEL 03
1/4" = 1'-0"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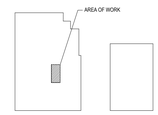



KEYPLAN

| NO | DESCRIPTION | DATE |
|---|---|---|
| 2 | Addenda 2 | 06/12/2024 |

ISSUANCE HISTORY - THIS SHEET

HGA NO: 4200-026-00

**LIGHTING PLAN - LEVEL 03**

DATE: MAY 24, 2024

**BID SET**

E203

| JUNCTION BOX SCHEDULE | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FEEDER SIZE | | | | | | | |
| TAG | DESCRIPTION | VOLTAGE | # OF POLES | PANEL | CKT | SETS | QTY | SIZE | GND | CONDUIT | CONNECT | NOTES | COUNT |
| PS-1 | PLUMBING SENSOR | 120 V | 1 | 4/A | 23 | 1 | 2 | #12 | #12 | 3/4"C | DIRECT | 1 | 1 |

JUNCTION BOX SCHEDULE NOTES:

1. SENSOR TRANSFORMER PROVIDED BY DIVISION 22. 120VAC CONNECTION TO TRANSFORMER(S) TO POWER ALL TOILET AND SINK SENSORS IN THE AREA. LOCATE ABOVE CEILING WHERE APPLICABLE AND ALLOW FOR ACCESSIBILITY FOR FUTURE MAINTENANCE. SEE PLUMBING DRAWINGS FOR EXACT SENSOR LOCATIONS. DIVISION 26 IS RESPONSIBLE FOR ALL WIRING.

## POKE THRU SCHEDULE

| BOX TYPE | BOX DESCRIPTION | MANUFACTURER & MODEL | POWER REQUIREMENTS | DATA REQUIREMENTS | A/V REQUIREMENTS | NOTES | FURNISHED & INSTALLED BY | ALTERNATES |
|---|---|---|---|---|---|---|---|---|
| PT-1 | POWER, DATA, AND AV POKE THRU | LEGRAND 8AT | (2) DUPLEX RECEPTACLE (SIDE COMPARTMENTS) | 2D - 1"C | 1-1/4"C | SUBMIT CUTSHEET FOR APPROVAL, CABLE EGRESS | DIV 26 | LEVITON, HUBBELL |

## FLOOR BOX SCHEDULE

| BOX TYPE | BOX DESCRIPTION | MANUFACTURER & MODEL | POWER REQUIREMENTS | DATA REQUIREMENTS | A/V REQUIREMENTS | NOTES | FURNISHED & INSTALLED BY | TOTAL | ALTERNATES |
|---|---|---|---|---|---|---|---|---|---|
| FB-1 | POWER ONLY FLOOR BOX (RAISED FLOOR) | LEGRAND RFB SERIES 2 GANG | DUPLEX RECEPTACLE | NONE | NONE | SUBMIT CUTSHEET FOR APPROVAL, CABLE EGRESS | DIV 26 | 3 | LEVITON, HUBBELL |

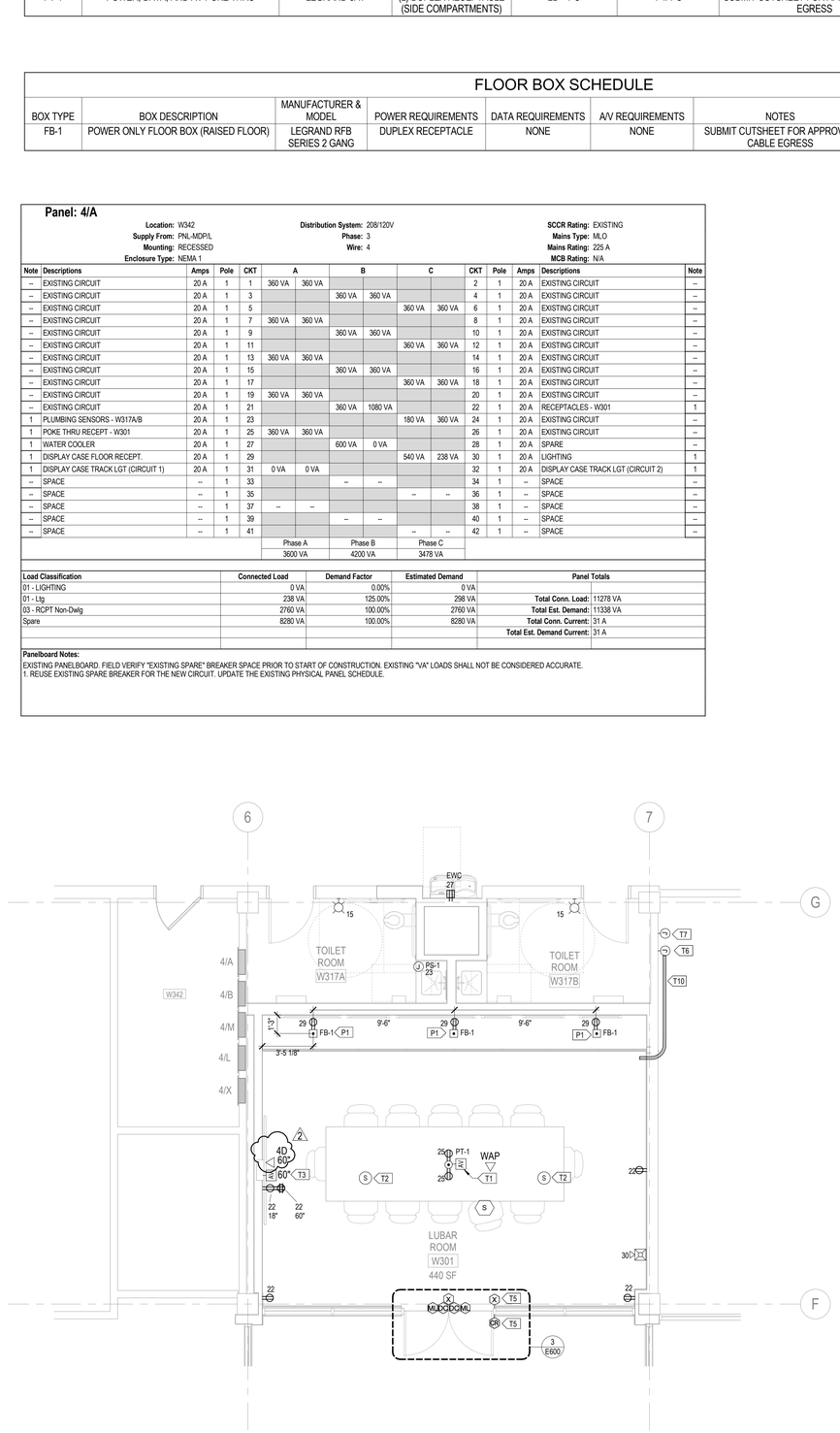
**Panel: 4/A**

**Location:** W342 | **Distribution System:** 208/120V | **SCCR Rating:** EXISTING
**Supply From:** PNL-MDP/L | **Phase:** 3 | **Mains Type:** MLO
**Mounting:** RECESSED | **Wire:** 4 | **Mains Rating:** 225 A
**Enclosure Type:** NEMA 1 | **MCB Rating:** N/A

| Note | Descriptions | Amps | Pole | CKT | A | | B | | C | | CKT | Pole | Amps | Descriptions | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -- | EXISTING CIRCUIT | 20 A | 1 | 1 | 360 VA | 360 VA | | | | | 2 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 3 | | | 360 VA | 360 VA | | | 4 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 5 | | | | | 360 VA | 360 VA | 6 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 7 | 360 VA | 360 VA | | | | | 8 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 9 | | | 360 VA | 360 VA | | | 10 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 11 | | | | | 360 VA | 360 VA | 12 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 13 | 360 VA | 360 VA | | | | | 14 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 15 | | | 360 VA | 360 VA | | | 16 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 17 | | | | | 360 VA | 360 VA | 18 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 19 | 360 VA | 360 VA | | | | | 20 | 1 | 20 A | EXISTING CIRCUIT | -- |
| -- | EXISTING CIRCUIT | 20 A | 1 | 21 | | | 360 VA | 1080 VA | | | 22 | 1 | 20 A | RECEPTACLES - W301 | 1 |
| 1 | PLUMBING SENSORS - W317A/B | 20 A | 1 | 23 | | | | | 180 VA | 360 VA | 24 | 1 | 20 A | EXISTING CIRCUIT | -- |
| 1 | POKE THRU RECEPT - W301 | 20 A | 1 | 25 | 360 VA | 360 VA | | | | | 26 | 1 | 20 A | EXISTING CIRCUIT | -- |
| 1 | WATER COOLER | 20 A | 1 | 27 | | | 600 VA | 0 VA | | | 28 | 1 | 20 A | SPARE | -- |
| 1 | DISPLAY CASE FLOOR RECEPT. | 20 A | 1 | 29 | | | | | 540 VA | 238 VA | 30 | 1 | 20 A | LIGHTING | 1 |
| 1 | DISPLAY CASE TRACK LGT (CIRCUIT 1) | 20 A | 1 | 31 | 0 VA | 0 VA | | | | | 32 | 1 | 20 A | DISPLAY CASE TRACK LGT (CIRCUIT 2) | 1 |
| -- | SPACE | -- | 1 | 33 | | | -- | -- | | | 34 | 1 | -- | SPACE | -- |
| -- | SPACE | -- | 1 | 35 | | | | | -- | -- | 36 | 1 | -- | SPACE | -- |
| -- | SPACE | -- | 1 | 37 | -- | -- | | | | | 38 | 1 | -- | SPACE | -- |
| -- | SPACE | -- | 1 | 39 | | | -- | -- | | | 40 | 1 | -- | SPACE | -- |
| -- | SPACE | -- | 1 | 41 | | | | | -- | -- | 42 | 1 | -- | SPACE | -- |
| | | | | | Phase A | | Phase B | | Phase C | | | | | | |
| | | | | | 3600 VA | | 4200 VA | | 3478 VA | | | | | | |

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| 01 - LIGHTING | 0 VA | 0.00% | 0 VA | | |
| 01 - Ltg | 238 VA | 125.00% | 298 VA | **Total Conn. Load:** | 11278 VA |
| 03 - RCPT Non-Dwlg | 2760 VA | 100.00% | 2760 VA | **Total Est. Demand:** | 11338 VA |
| Spare | 8280 VA | 100.00% | 8280 VA | **Total Conn. Current:** | 31 A |
| | | | | **Total Est. Demand Current:** | 31 A |

**Panelboard Notes:**
EXISTING PANELBOARD. FIELD VERIFY "EXISTING SPARE" BREAKER SPACE PRIOR TO START OF CONSTRUCTION. EXISTING "VA" LOADS SHALL NOT BE CONSIDERED ACCURATE.
1. REUSE EXISTING SPARE BREAKER FOR THE NEW CIRCUIT. UPDATE THE EXISTING PHYSICAL PANEL SCHEDULE.




1 ELECTRICAL PLANS - LEVEL 03
1/4" = 1'-0"

## KEYNOTES

| # | DESCRIPTION |
|---|---|
| P1 | PROVIDE FLOOR BOX IN THE RAISED FLOOR. |
| T1 | PROVIDE 1" CONDUIT ROUTED BETWEEN THE POKE THROUGH FLOOR BOX AND THE BACK BOX LOCATED BEHIND THE OFOI DISPLAY. REFER TO DETAIL 5/E601. |
| T2 | NEW OVERHEAD PAGING LOUDSPEAKER. CONNECT LOUDSPEAKERS TO THE EXISTING OVERHEAD PAGING CIRCUIT SERVING THIS AREA. |
| T3 | PROVIDE A 4-11/16" SQUARE BY 2-1/8" DEEP BACK BOX WITH A SINGLE GANG REDUCTION RING AND A 1" CONDUIT ROUTED BETWEEN THE BACK BOX AND POKE THROUGH FLOOR BOX BELOW THE TABLE, DEDICATED TO OFOI CABLING AND CONNECTIVITY. |
| T4 | LOCATION OF EXISTING LEVEL 2 TELECOMMUNICATIONS ROOM. REFER TO DETAIL 6/E601. |
| T5 | MULLION MOUNTED CARD READER/PUSH BUTTONG REQUEST TO EXIT MOUNTED TO DOOR/WINDOW MULLION. |
| T6 | 6"X6"X4" JUNCTION BOX DEDICATED TO DATA CABLING WITH A 2" CONDUIT STUBBED ABOVE THE W301 CEILING AND A 2" CONDUIT ROUTED DOWN TO W245. REFER TO DETAIL 7/E601. |
| T7 | 6"X6"X4" JUNCTION BOX DEDICATED TO ELECTRONIC ACCESS CONTROL CABLING WITH A 1-1/4" CONDUIT ROUTED TO THE ACCESS CONTROL BACK BOX ABOVE THE DOOR AND A 1-1/4" CONDUIT ROUTED DOWN TO W245. REFER TO DETAIL 7/E601. |
| T8 | NEW NON-CONTINOUS J-HOOK PATHWAY CONSISTING OF (2) STACKED J-HOOKS LOCATED ABOVE THE ACCESSIBLE CEILING. (1) J-HOOK PATHWAY FOR DATA CABLING AND (1) COMPLETELY SEPARATE J-HOOK PATHWAY FOR ELECTRONIC ACCESS CONTROL CABLING. |
| T9 | EXISTING CABLE TRAY ABOVE CEILING. REMOVE EXISTING LIGHT FIXTURES TO ACCESS THE CABLE TRAY. |
| T10 | 2" CONDUIT ROUTED ABOVE THE ACCESSIBLE CEILING BETWEEN W301 AND THE DATA JUNCTION BOX LOCATED ABOVE THE ACCESSIBLE CEILING IN W343. |

GENERAL NOTES - ELECTRICAL

A. COORDINATE LOCATION AND MOUNTING OF DEVICES WITH MILLWORK AND CASEWORK.

B. COORDINATE DEVICE LOCATIONS AND ELEVATIONS AT ALL WORKSTATIONS WITH FINAL FURNITURE PLANS AND SHOP DRAWINGS PRIOR TO DEVICE ROUGH-IN.

C. ELECTRICAL & SYSTEMS DEVICES & EQUIPMENT SHOWN AS SCREENED ARE EXISTING TO REMAIN. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT ANY WORK UNDER THIS CONTRACT.

D. REFER TO THE ARCHITECTURAL DETAILS AND ELEVATION DRAWINGS FOR COORDINATION OF ELECTRICAL DEVICES.

E. DEVICES AND EQUIPMENT SHALL BE CIRCUITED FROM THE EXISTING ELECTRICAL PANELS "4/A" UNLESS OTHERWISE NOTED.

F. CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. HOWEVER IT SHALL BE PROVIDED COMPLETE AS REQUIRED BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS, SWITCHING IDENTIFICATION, MOTOR EQUIPMENT SCHEDULE, PANEL BOUNDARIES, SPECIFIED MINIMUM CONDUIT SIZE, SPECIFIED MINIMUM CONDUCTOR SIZES, AND/OR SPECIFIED MINIMUM GROUNDING.

G. COORDINATE ALL ELECTRIC WATER COOLER RECEPTACLES WITH WATER COOLER MANUFACTURER'S INSTALLATION INSTRUCTION PRIOR TO ROUGH-IN.

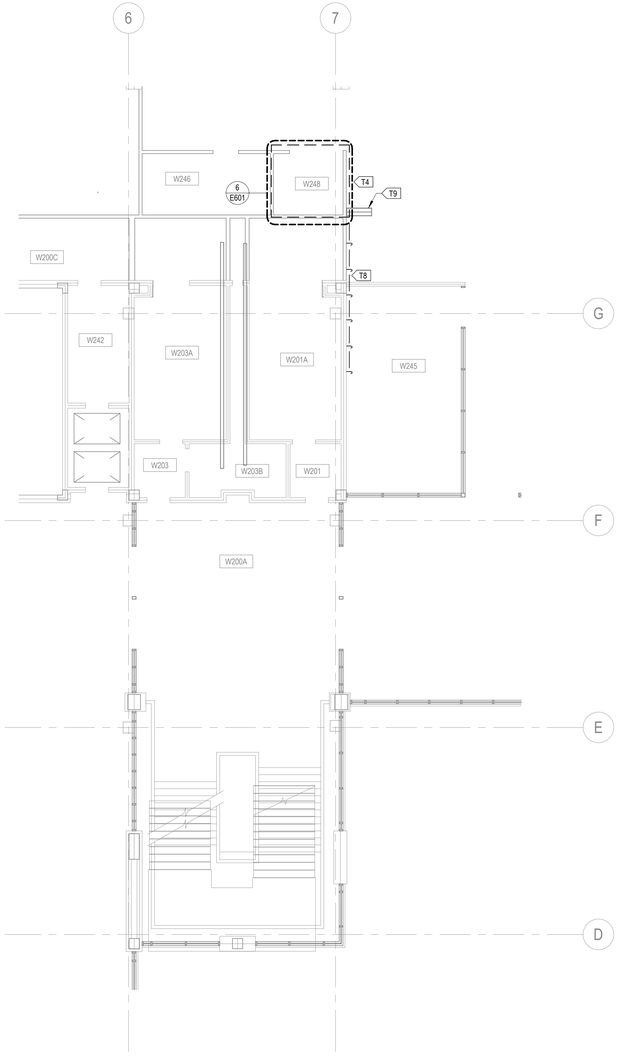
H. FIELD VERIFY FIRE ALARM BUILDING SYSTEM COMPATIBILITY AND CAPACITY PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CODE COMPLIANT AND FULLY FUNCTIONAL FIRE ALARM SYSTEM THAT IS COMPATIBLE WITH THE EXISTING BUILDING SYSTEM. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND DOCUMENTATION. FIRE ALARM ON THE PLANS ARE FOR ESTIMATION PURPOSES ONLY.

I. ALL WALL MOUNTED DEVICES SHALL BE WHITE AND RECESSED WITHIN THE WALL.

J. ALL DATA AND ELECTRONIC ACCESS CABLE SHALL BE ROUTED TO EXISTING TELECOMMUNICATION ROOM W248 LOCATED ON LEVEL 2.

K. MAINTAIN 6" SEPERATION OF DATA CABLING FROM LIGHT FIXTURE BALLASTS.

L. COORDINATE ANY PANEL SHUTDOWNS WITH THE OWNER AND BUILDING FACILITIES TEAM PRIOR TO SHUTDOWN. OWNER AND BUILDING FACILITIES MUST APPROVE SHUTDOWN BEFORE PROCEEDING.




2 ELECTRICAL PLANS - LEVEL 02
1/8" = 1'-0"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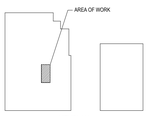



KEYPLAN

| NO | DESCRIPTION | DATE |
|---|---|---|
| 2 | Addenda 2 | 06/12/2024 |

ISSUANCE HISTORY - THIS SHEET

HGA NO: 4200-026-00

**ELECTRICAL PLANS**

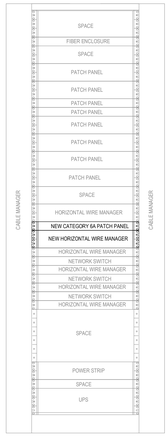
DATE: MAY 24, 2024

**BID SET**

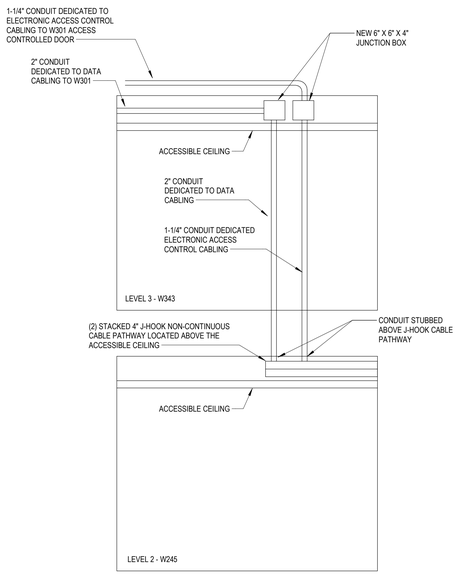
E303

## KEYNOTES

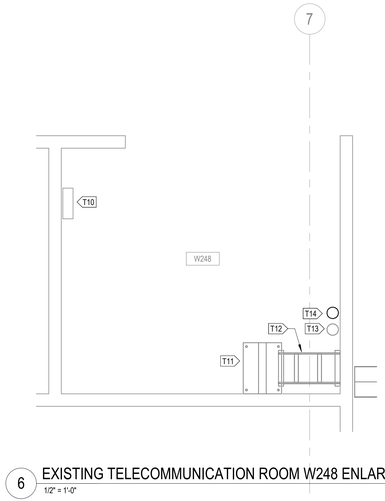
| # | DESCRIPTION |
|---|---|
| T10 | 2" CONDUIT ROUTED ABOVE THE ACCESSIBLE CEILING BETWEEN W301 AND THE DATA JUNCTION BOX LOCATED ABOVE THE ACCESSIBLE CEILING IN W343. |
| T11 | EXISTING 2-POST EQUIPMENT RACK AND HORIZONTAL WIRE MANAGEMENT. |
| T12 | EXISTING LADDER TRAY ROUTED BETWEEN THE WALL AND EQUIPMENT RACK. |
| T13 | EXISTING CONDUIT SLEEVE ROUTED TO LEVEL 3. |
| T14 | NEW 2" CONDUIT ROUTED TO EXISTING CABLE TRAY OUTSIDE OF W248. |



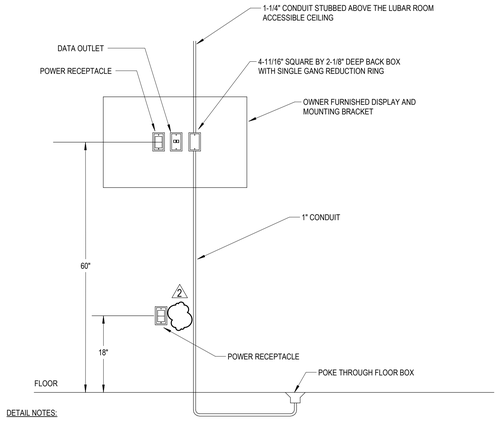

8 W248 EQUIPMENT RACK ELEVATION
SCALE = N.T.S.




7 LEVEL 2 AND 3 TELECOMMUNICATIONS SLEEVE DETAILS
SCALE = N.T.S.



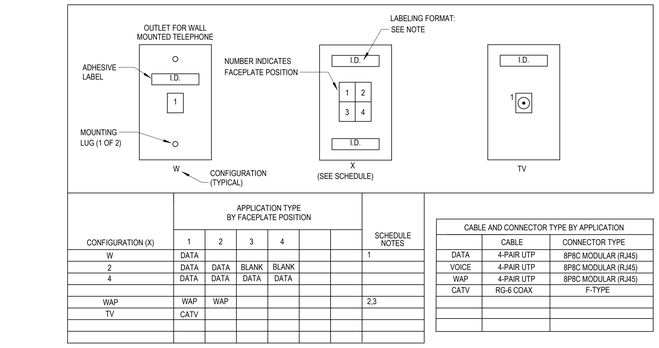

6 EXISTING TELECOMMUNICATION ROOM W248 ENLARGED PLAN
1/2" = 1'-0"




DETAIL NOTES:

1. REFER TO ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS FOR EXACT MOUNTING HEIGHTS.
2. PROVIDE CABLING AS INDICATED TO SUPPORT OFOI AUDIOVISUAL EQUIPMENT. COORDINATE THE AUDIOVISUAL EQUIPMENT DETAILS WITH THE OWNER PRIOR TO INSTALLATION.

5 DISPLAY BACK BOX AND CONDUIT DETAIL
SCALE = N.T.S.




| CONFIGURATION (X) | APPLICATION TYPE BY FACEPLATE POSITION 1 | 2 | 3 | 4 | | | SCHEDULE NOTES |
|---|---|---|---|---|---|---|---|
| W | DATA | | | | | | 1 |
| 2 | DATA | DATA | BLANK | BLANK | | | |
| 4 | DATA | DATA | DATA | DATA | | | |
| | | | | | | | |
| WAP | WAP | WAP | | | | | 2,3 |
| TV | CATV | | | | | | |
| | | | | | | | |
| | | | | | | | |

| CABLE AND CONNECTOR TYPE BY APPLICATION | | |
|---|---|---|
| | CABLE | CONNECTOR TYPE |
| DATA | 4-PAIR UTP | 8P8C MODULAR (RJ45) |
| VOICE | 4-PAIR UTP | 8P8C MODULAR (RJ45) |
| WAP | 4-PAIR UTP | 8P8C MODULAR (RJ45) |
| CATV | RG-6 COAX | F-TYPE |
| | | |
| | | |
| | | |

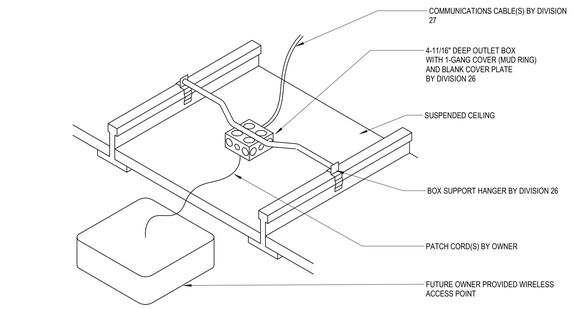
DETAIL NOTES:

A. REFER TO FLOOR PLANS FOR DEVICE QUANTITIES AND LOCATIONS.
B. PROVIDE REMOVEABLE BLANK INSERT(S) FOR ALL UNUSED FACEPLATE PORTS.
C. REFER TO SPECIFICATION SECTION 27 05 53 FOR LABELING FORMAT.

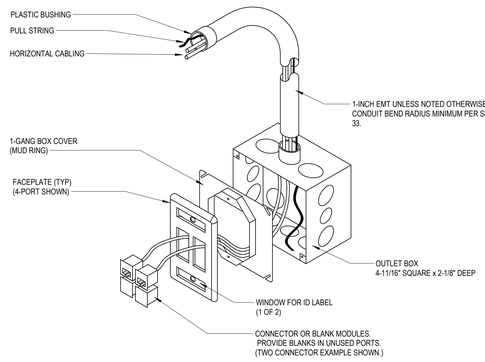
SCHEDULE NOTES:

1. PROVIDE STAINLESS STEEL FACEPLATE WITH MATING LUGS FOR WALL MOUNTED TELEPHONE.
2. LOCATION FOR OWNER PROVIDED WIRELESS ACCESS POINT. PROVIDE SLACK (EACH CABLE) AT THE NEARTEST CABLE SUPPORT FOR POSSIBLE RELOCATION.
3. FACEPLATE NOT SHOWN.

4 EQUIPMENT OUTLET CONFIGURATION
SCALE = N.T.S.



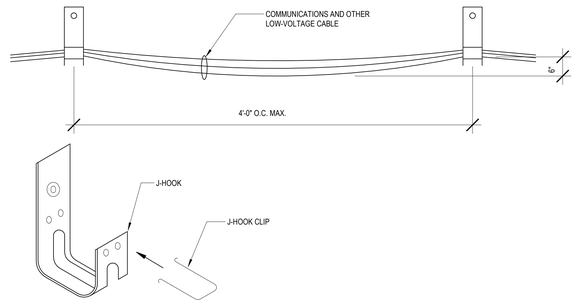

3 WIRELESS ACCESS POINT MOUNTING - ACCESSIBLE CEILING
SCALE = N.T.S.




DETAIL NOTES:

1. CONDUIT SHALL BE CONTINUOUS FROM OUTLET BOX TO ACCESSIBLE CABLE PATHWAY, IDF, OR AS INDICATED ON DRAWINGS.
2. PROVIDE PULL STRING IN ALL CONDUITS
3. REFER TO SPECIFICATION SECTION 27 10 00 FOR CONNECTOR TYPES.

2 EQUIPMENT OUTLET ROUGH-IN
SCALE = N.T.S.




DETAIL NOTES:

1. CABLE SAG SHALL NOT EXCEED 6".
2. GENERIC HOOK SHOWN. SELECT ANCHORING MEANS PER LOCATION REQUIREMENTS.

1 CABLE SUPPORT HOOK INSTALLATION
SCALE = N.T.S.

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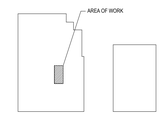

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HGA NO: 4200-026-00

**ELECTRICAL DETAILS**

DATE: MAY 24, 2024

**BID SET**

E601