

MICHIGAN STATE  
U N I V E R S I T Y

INFRASTRUCTURE PLANNING AND FACILITIES  
PLANNING, DESIGN AND CONSTRUCTION

December 7, 2023

TITLE OF PROJECT: Fee Hall – Renovate Rooms A504, A505, A514, A516 – A518 and 5HW6

PROJECT ISSUE DATE: November 21, 2023

PROJECT NUMBER: CP23087

ADDENDUM NO: 01

GENERAL

This Addendum is issued prior to receipt of Proposals to amend the Contract Documents identified as Fee Hall – Renovate Rooms A504, A505, A514, A516 – A518 and 5HW6.

Except as otherwise specifically mentioned, the general character of the work required by this Addendum shall be the same as originally specified, and all incidentals required in connection with the work hereinafter described shall be included even though not specifically mentioned. When an item is mentioned with additional specifications given, reference shall be made to the original specifications.

Drawing(s) accompanying this Addendum include: Sheet E-1, Pre-Bid Sign-In Sheet

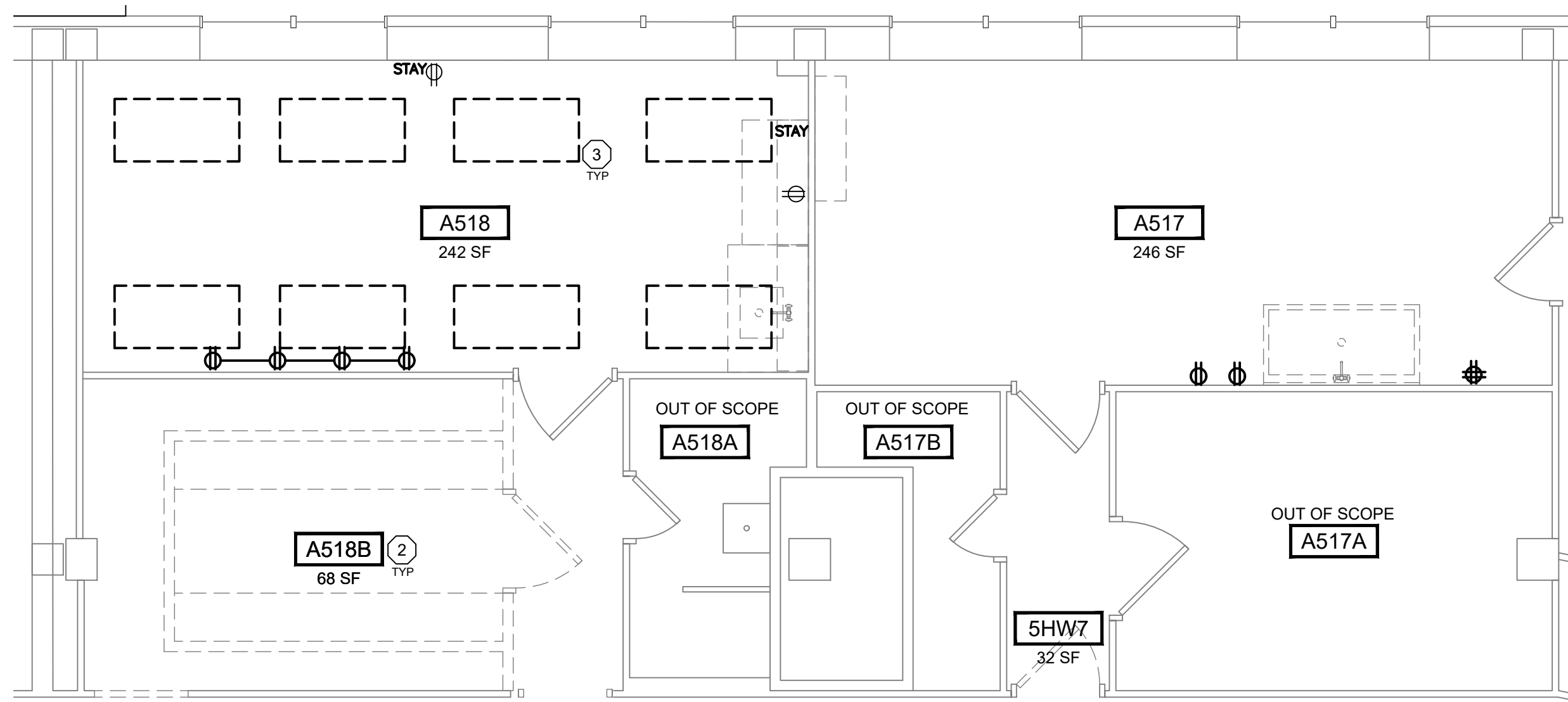
No drawings accompany this Addendum

TRADES – Electrical, Hazardous Materials

<u>ITEM NO.</u>	<u>DESCRIPTION</u>
01	Contractor to assume that ceiling is positive for asbestos.
02	See Revised Sheet E-1 (added/relocated electrical outlets and data jacks)
03	See pre-bid walk thru sign in sheet

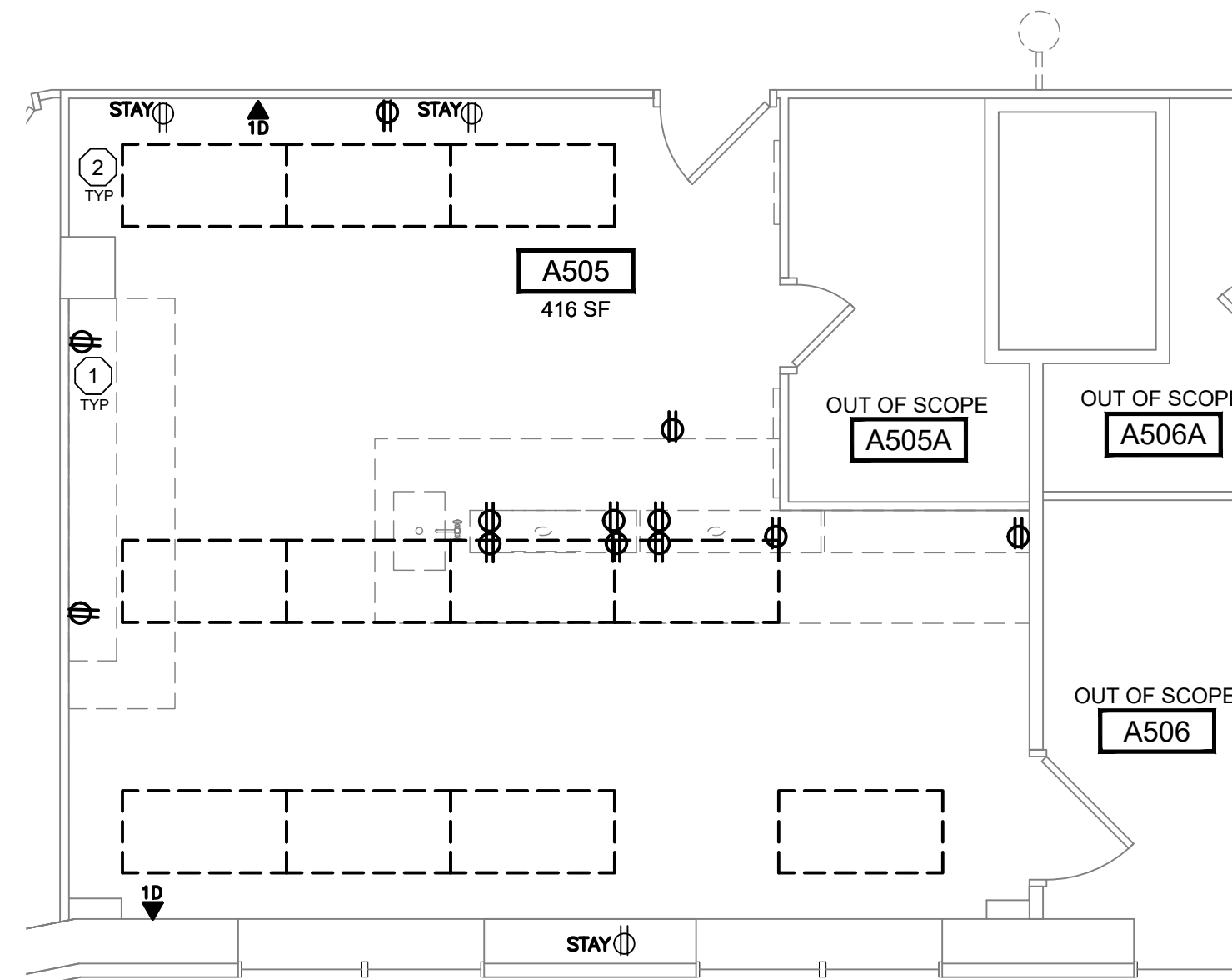
5th Floor East Fee Renovation Sign-In Sheet

Name	Email	Phone	Company
<u>Jason Pumford</u>	<u>jason@pumfordplumbing.com</u>	<u>517-881-3249</u>	<u>Pumford Plumbing</u>
<u>Brett Walcutt</u>	<u>bwalcutt@nielsenconstructioninc.com</u>	<u>517-599-0835</u>	<u>Nielsen</u>
<u>Tom Hollandsworth Jr</u>	<u>THomasDH@summit.ws</u>	<u>517-715-5938</u>	<u>Summit</u>
<u>Adam DeMarius</u>	<u>adam@pedemariabuild.com</u>	<u>(248) 982-2208</u>	<u>DeMarius</u>
<u>Chad House</u>	<u>chadh@johnsonwoodllc.com</u>	<u>517-897-7022</u>	<u>Johnson &amp; Wood</u>
<u>Cooper Moore</u>	<u>Info@mooretroper.com</u>	<u>(517) 202-0156</u>	<u>MOORE TROSPER</u>
<u>DAVE LIVERMORE</u>	<u>3delectric@3delectricinc.net</u>	<u>989 644 8663</u>	<u>3D ELECTRIC</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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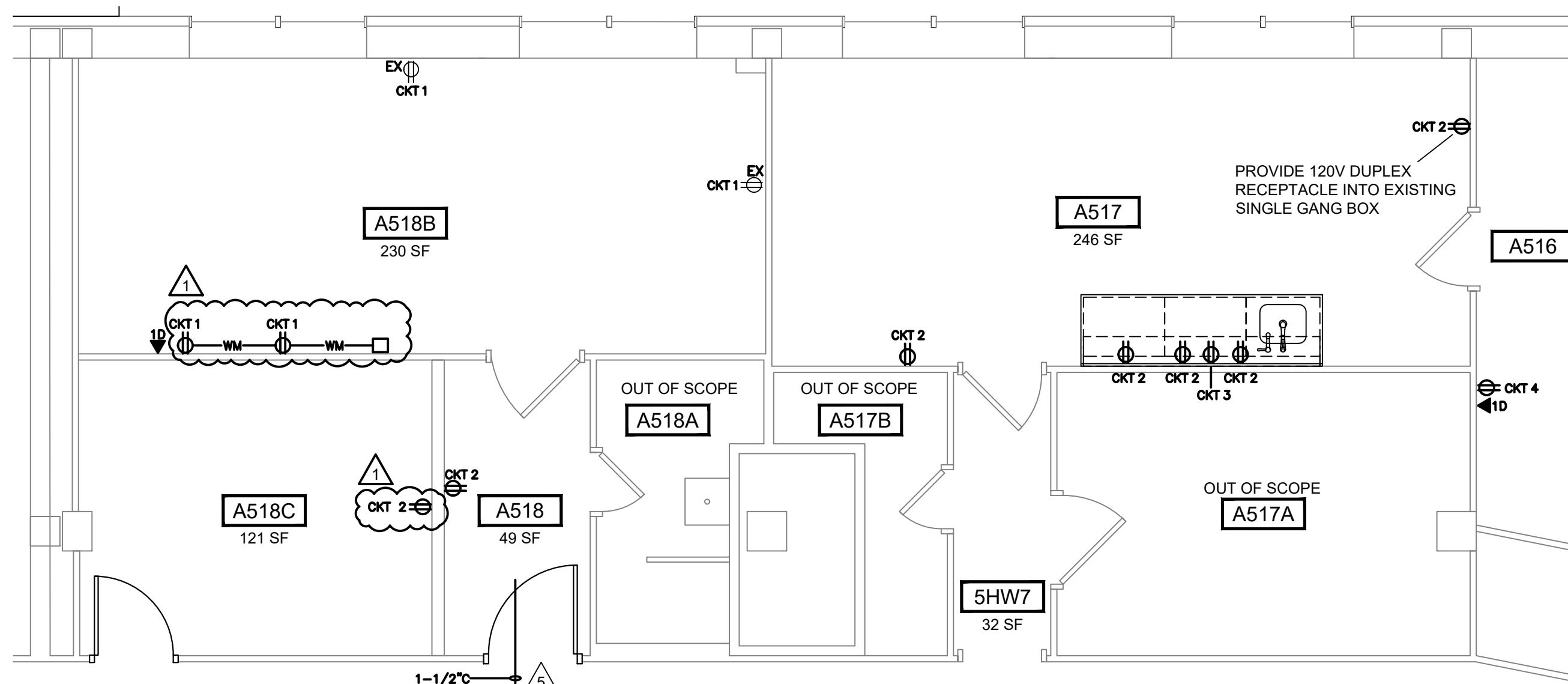
**ELECTRICAL DEMOLITION PLAN - ROOMS A517, A518, & A518A**

SCALE: 1/4" = 1'-0"



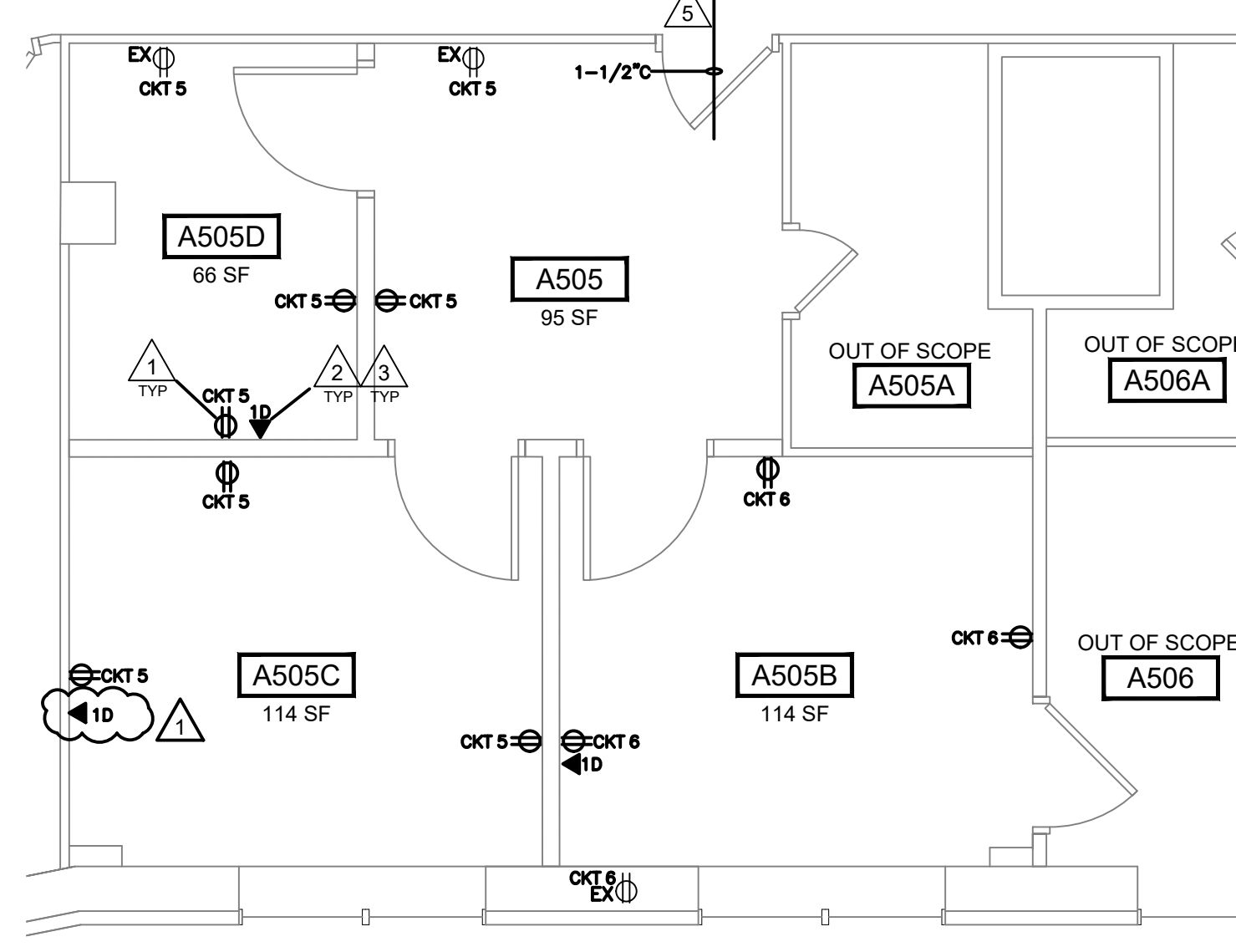
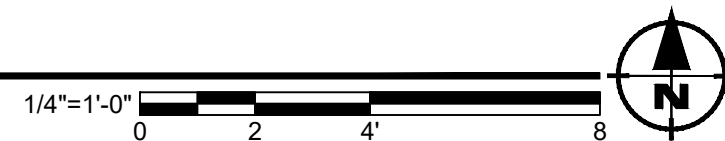
**ELECTRICAL DEMOLITION PLAN - ROOM A505**

SCALE: 1/4" = 1'-0"



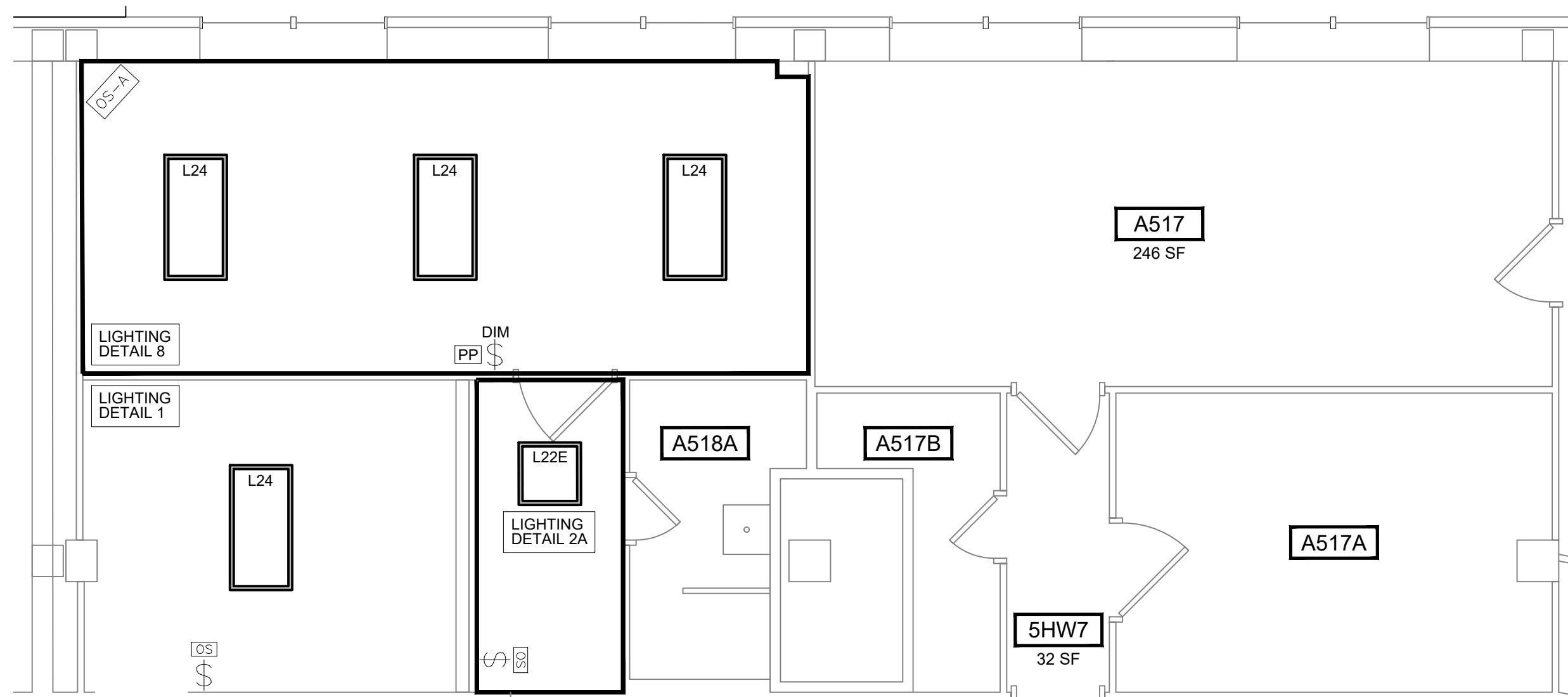
**ELECTRICAL PLAN - ROOMS A517, A518, & A518A**

SCALE: 1/4" = 1'-0"



**ELECTRICAL PLAN - ROOM A505**

SCALE: 1/4" = 1'-0"



**LIGHTING PLAN - ROOMS A517, A518, & A518A**

SCALE: 1/4" = 1'-0"



**LIGHTING PLAN - ROOM A505**

SCALE: 1/4" = 1'-0"



120/208V CIRCUIT SCHEDULE					
CKT	DESCRIPTION	LOAD	PANEL	CB	COMMENT
1	RM A518B RECEPTS	1080 VA			USE EXIST ROOM CKT
2	RMS A517, A518 RECEPTS	1080 VA			USE EXIST ROOM CKT
3	RM A517 MICROWAVE RECEPTS	1000 VA			USE EXIST ROOM CKT
4	RM A516 LCD TV RECEPT	500 VA			USE EXIST ROOM CKT
5	RMS A505, A505C N WALL RECEPTS	1080 VA			USE EXIST ROOM CKT
6	RMS A505C W & E WALL, A505B RECEPTS	1080 VA			USE EXIST ROOM CKT

NOTES:  
1. CIRCUITING IS BASED ON (6) 120V EXISTING CIRCUITS TO BE RE-USED.  
USE SPARE CIRCUITS FROM NEAREST PANELBOARD IF NEEDED.

277V LIGHTING CIRCUIT SCHEDULE				
CKT	DESCRIPTION	WATTS	PANEL	CB
1	LIGHTING - RMS A505 (2)37W+A505B (2)38W+A505C (2)38W+A505D (2)37W	300W		
2	LIGHTING - RMS A518 (1)37W+A518B (3)38W+A518C (1)38W	189W		

NOTES:  
1. RE-USE EXISTING 277V ROOM LIGHTING CIRCUITS.

LIGHTING CONTROLS SEQUENCE OF OPERATION	
ROOM A518B	1. MSU LIGHTING DETAIL 1 - MANUAL ON/AUTO OFF WITH NO DIMMING.
ROOM A505, 518C	1. MSU LIGHTING DETAL 2A - AUTO ON/AUTO OFF OPERATION WITH NO DIMMING.
ROOMS A505B, A505C, A505D	1. MSU LIGHTING DETAIL 3A - MANUAL ON/AUTO OFF OFF OPERATION WITH DIMMING.
ROOMS A518	1. MSU LIGHTING DETAIL 8 - MANUAL ON/AUTO OFF OFF OPERATION WITH DIMMING.

LIGHTING FIXTURE SCHEDULE	
L22:	LED FLAT PANEL: LITHONIA EPANL-2X2-3400LM-80CRI-4000K-MIN10-ZT-MVOLT OR MSU EQUAL. GRID MOUNT 2'X2' LED, 3400 LUMEN, 4000K, 80CRI, 0-10V DIM, 37W, WHITE.
L22E:	LED FLAT PANEL: LITHONIA EPANL-2X2-3400LM-80CRI-4000K-MIN10-ZT-MVOLT-EWCP OR MSU EQUAL. GRID MOUNT 2'X2' LED, 3400 LUMEN, 4000K, 80 CRI, 0-10V DIM, 37W, WHITE. SAME AS F1 WITH 10W EMG BATTERY BACK & SELF DIAG WITH AND INTEGRAL TEST SWITCH.
L24	LED FLAT PANEL: LITHONIA EPANL-2X4-4000LM-80CRI-4000K-MIN10-ZT-MVOLT, OR MSU EQUAL. GRID MOUNT 2'X4' LED, 4000 LUMEN, 4000K, 80 CRI, 0-10V DIM, 38W, WHITE.

**# ELECTRICAL DEMOLITION PLAN NOTES:**

1. REMOVE RECEPTACLES AND CONDUIT/WIRING BACK TO SOURCE UNLESS NOTED OTHERWISE.
2. REMOVE ALL ELECTRICAL AND CONTROLS OF COLD ROOM BACK TO SOURCE.
3. REMOVE LIGHTING FIXTURES AND SWITCHING. ROOM LIGHTING CIRCUITS TO BE RE-USED.

**# ELECTRICAL/LIGHTING PLAN NOTES:**

1. PROVIDE NEW POWER RECEPTACLES AT LOCATIONS SHOWN. REWORK AND RE-CIRCUIT EXISTING RECEPTACLES AS NOTED ON THE PLANS AND CIRCUIT SCHEDULE. COORDINATE CASEWORK RECEPTACLE LOCATIONS WITH ARCHITECTURAL/FURNITURE SUPPLIER. LOAD SUMMARY: THE NEW ELECTRICAL LOAD FOR THIS LAB AREA IS APPROX THE SAME AS BEFORE.
2. PROVIDE EXTRA DEEP SINGLE GANG BOX WITH 3/4" CONDUIT TO LOCATION ABOVE LAY-IN CEILING.
3. BY MSU I.T. SERVICES: PROVIDE DATA CABLING, TERMINATIONS, DATA JACKS AND FACEPLATES.
4. PROVIDE J-HOOKS SPACED AT 36" ABOVE THE LAY-IN CEILING AROUND THE PERIMETER OF THE ROOM FOR THE OCCUPANCY SENSOR AND DATA CABLING PIN: DOC INDUSTRIES JH-32 OR EQUAL.
5. PROVIDE 1-1/2" CONDUIT WITH BUSHINGS FROM EXISTING CABLE TRAY IN CORRIDOR CEILING TO LOCATION ABOVE NEW CEILING GRID FOR DATA CABLING. DATA EQMT LOCATED IN ROOM A527.
6. PROVIDE LIGHTING FIXTURES, LIGHTING CONTROLS AND WALLBOX OCCUPANCY SENSOR/SWITCH. SEE LIGHTING FIXTURE SCHEDULE AND DETAILS. RE-USE EXISTING ROOM LIGHTING CIRCUIT. SET THE OCCUP SENSORS & WALLBOX OS/SWITCH SETTINGS AS SHOWN ON THE LIGHTING DETAILS.

**ELECTRICAL GENERAL NOTES:**

1. RETURN ALL ELECTRICAL EQUIPMENT TO MSU SURPLUS AFTER DEMOLITION.
2. PROVIDE SEPARATE NEUTRAL FOR EACH NEW CIRCUIT. SHARED NEUTRALS NOT ALLOWED.
3. EXISTING RECEPTACLES TO BE RE-USED ARE INDICATED AS "STAY" ON THE DEMO PLANS AND "EX" ON THE NEW PLANS. SEE CIRCUIT SCHEDULE FOR NEW CIRCUITING.
4. UPDATE THE PANELBOARD CIRCUIT DIRECTORY AND CIRCUIT SCHEDULE WITH FINAL CIRCUITS.

MSU PROJ. NO.	CP23087
PR. MGR.	CHARLAND
ARCH.	CHARLAND
MECH.	GOERGE
ELEC.	HOWARD
CIVIL	
L.A.	
INT. DES.	WHITBECK
CONST. REP.	CHARLAND
APPR.	MULLEN
DATE	11/21/2023
SCALE	AS NOTED
ISSUED	
RELEASED FOR BID	
ADDENDUM #1	11/30/23