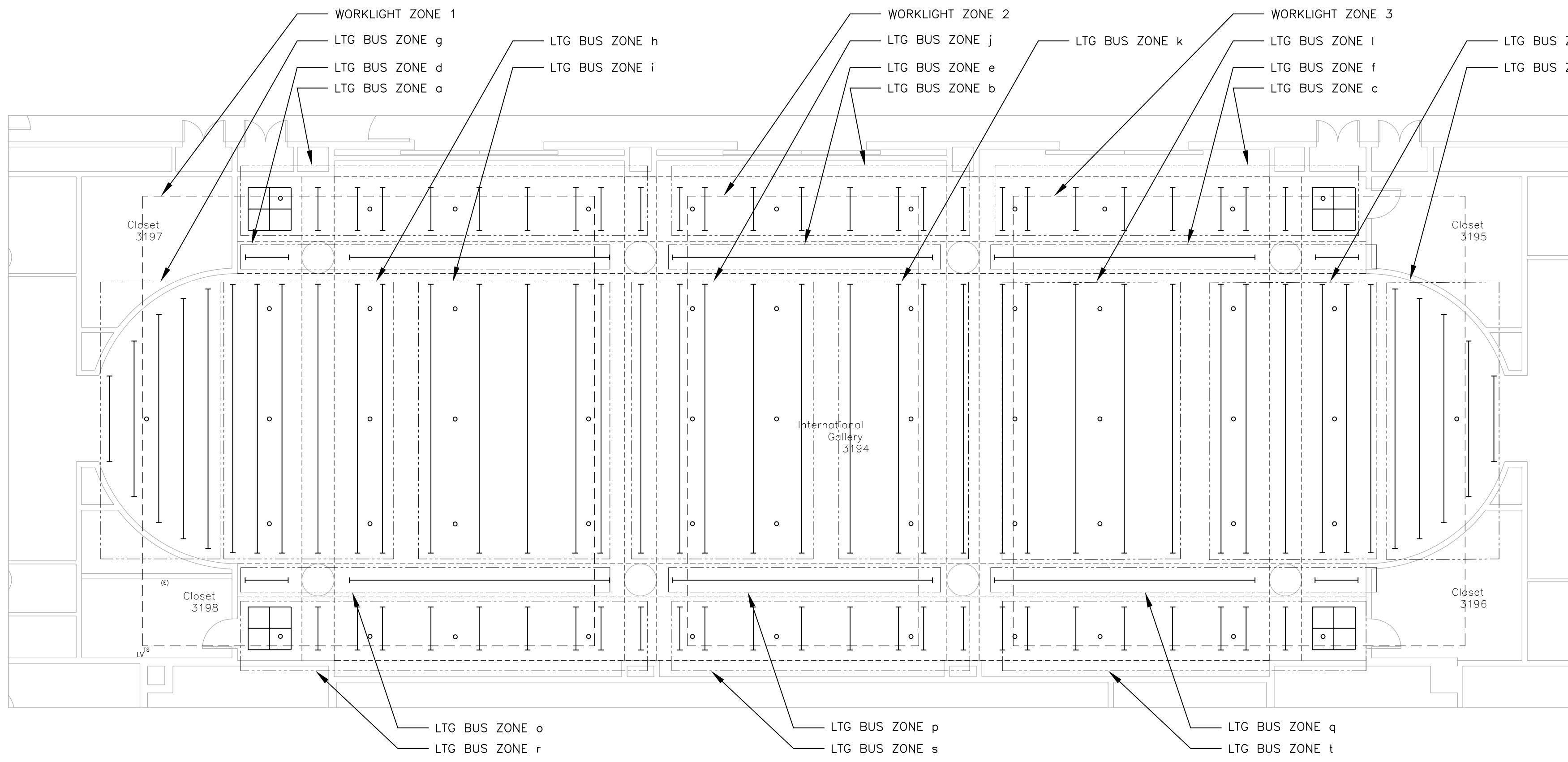
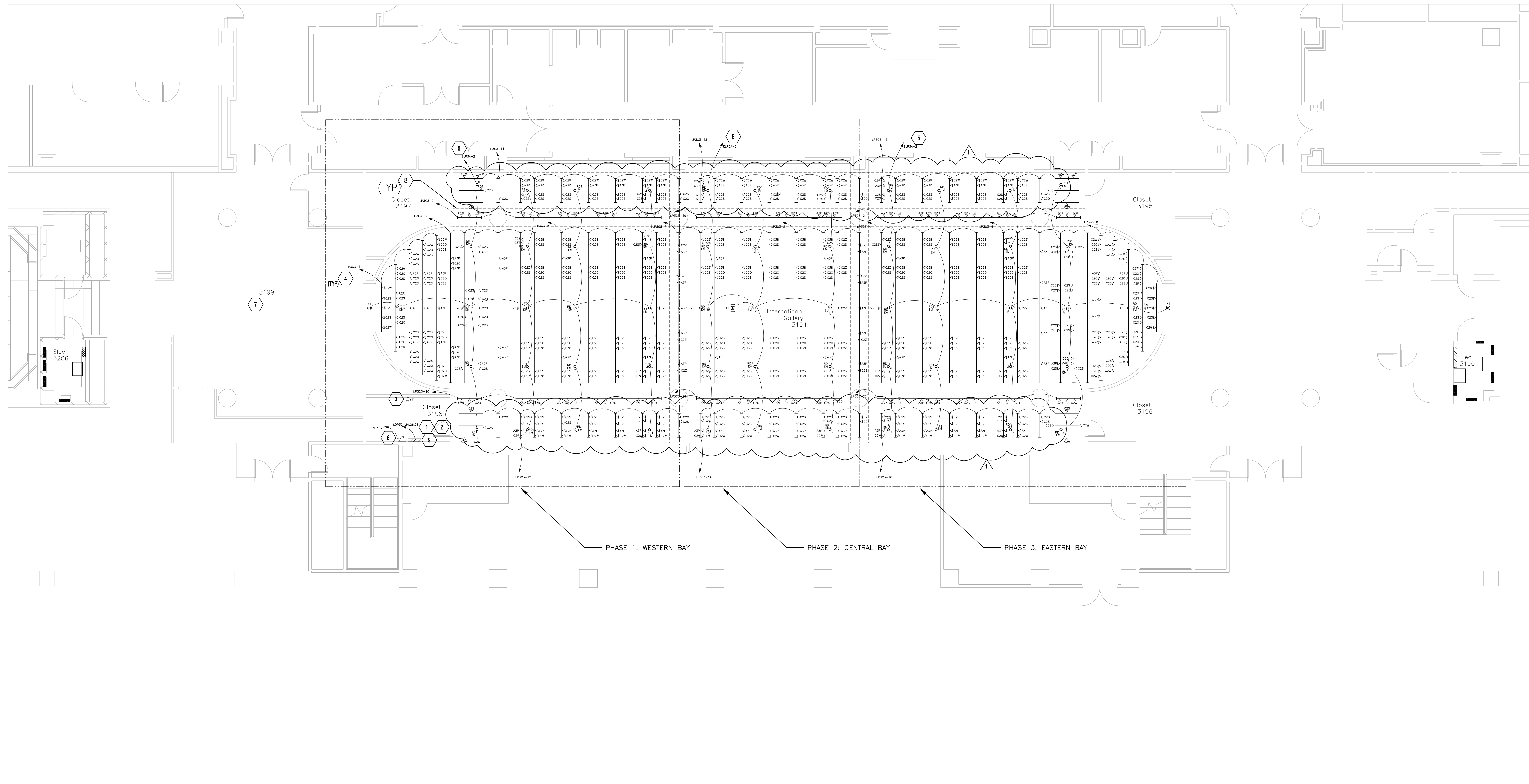




2
E-100
LIGHTING CONTROL ZONE KEY PLAN
1/8" = 1' - 0"



1
E-100
LIGHTING PLAN LEVEL 3 - NEW WORK
1/8" = 1' - 0"

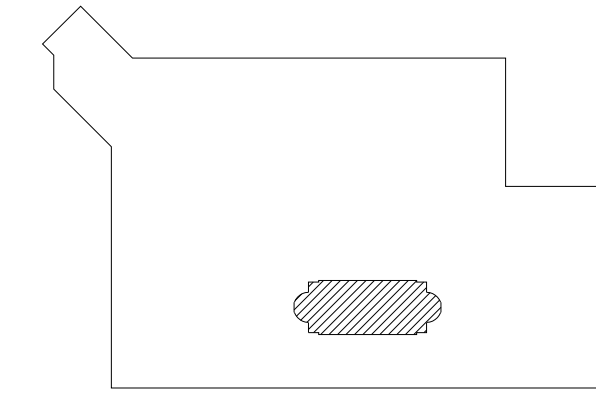
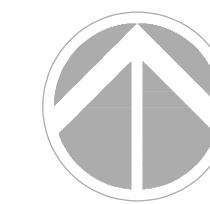
GENERAL NOTES

- SUPPORT ALL LIGHTING BUS TO STRUCTURE, WHERE EXISTING DUCTWORK OR OTHER TRADES CONFLICT WITH DIRECT PATH TO STRUCTURE, PROVIDE SUPPORT TO INDEPENDENT FRAMING THAT IS SUPPORTED FROM STRUCTURE.
- PROCUREMENT AND TESTING OF TRACK HEADS IS COVERED UNDER BID OPTION 1. REFER TO LUMINAIRE SCHEDULES FOR QUANTITY OF EACH LUMINAIRE TYPE, AND WHICH TYPES ARE INCLUDED IN BASE BID. SEE GENERAL NOTES ON BID OPTION 1 LUMINAIRE SCHEDULE FOR TRACK HEAD TESTING REQUIREMENTS.
- SEE PHASE OUTLINES ON PLAN. ORDER OF PHASING AS FOLLOWS:
PHASE 1: WESTERN BAY
PHASE 2: CENTRAL BAY
PHASE 3: EASTERN BAY

KEYNOTES

- DEMOLISH EXISTING SURFACE MOUNTED NORMAL AND EMERGENCY DIMMING PANELS. DEMOLISH NORMAL POWER CIRCUITS TO BRANCH PANEL. DEMOLISH EMERGENCY CIRCUIT ELD3B-5 BACK TO PANEL ELD3B. RETAIN EMERGENCY CIRCUIT ELD3A-2 TO PROVIDE POWER TO NEW EM LIGHTING IN INTERNATIONAL GALLERY 3194 (ROUTED THROUGH NEW RELAY CABINET).
- INSTALL NEW FEED THROUGH LIGHTING CONTROL RELAY PANEL IN LOCATION PREVIOUSLY OCCUPIED BY DEMOLISHED DIMMING PANELS. HOMERUN INDICATES CIRCUITING TO NORMAL POWER SENSE FOR UL924 EM RELAYS. SEE HOMERUNS IN PLAN FOR LIGHTING POWER CIRCUITS. ROUTE LIGHTING POWER CIRCUITS THROUGH NEW FEED-THROUGH LIGHTING CONTROL RELAY PANEL LCP1.
- RETAIN EXISTING "RESET" PUSHBUTTON FOR CONTROL OF ASCO REMOTE CONTROL SWITCHES LOCATED IN ELECTRICAL CLOSETS.
- ROUTE HOMERUN FOR LIGHTING BUS THROUGH LIGHTING CONTROL RELAY PANEL LCP1. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.
- UTILIZE EXISTING EMERGENCY BRANCH CIRCUIT FOR NEW EMERGENCY LUMINAIRES. CONFIRM EXISTING BRANCH CIRCUIT AND UPDATE PANEL SCHEDULE IF CIRCUIT VARIES FROM THE ONE SHOWN. NOTE: ONE BRANCH CIRCUIT IS USED FOR EMERGENCY LIGHTING IN ROOM 3194, DIVIDED INTO (3) CONTROL ZONES. ROUTE EMERGENCY CIRCUIT THROUGH LIGHTING CONTROL RELAY PANEL LCP1.
- TOUCHSCREEN CONTROL STATION FOR INTERNATIONAL GALLERY SPACE 3194. MOUNT IN SURFACE MOUNTED JUNCTION BOX. HOMERUN IS FOR TOUCHSCREEN POWER.
- EXISTING LIGHTING IN AND CIRCUITS IN VESTIBULE TO REMAIN. RE-ROUTE EXISTING CIRCUITS LP3C3-17 AND LP3C3-19 THROUGH NEW LIGHTING CONTROL RELAY PANEL IN ROOM 3198.
- SOFFIT ENCLOSURE OUTLINE.
- NEW LIGHTING RELAY PANEL REFERENCED IN KEYED NOTE 2 WILL BE INSTALLED IN THE FIRST PHASE OF CONSTRUCTION, THE WESTERN BAY. TO ALLOW LIGHTING CONTROL IN CENTRAL AND WESTERN BAYS TO REMAIN OPERATIONAL DURING THE FIRST PHASE, TEMPORARILY ROUTE EXISTING CIRCUITS FEEDING LIGHTING IN THOSE BAYS THROUGH NEW RELAY PANEL. REPLACE EXISTING CIRCUITS FEEDING CENTRAL AND WESTERN BAYS WITH NEW CIRCUITS, ROUTED THROUGH THE NEW RELAY PANEL DURING CONSTRUCTION OF THOSE PHASES.

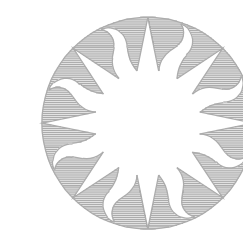
STAMP



KEY PLAN

GRAPHIC SCALE(S)

DATE	SUBMISSION
11/01/2024	100% CD
REVISION	REVISION
7/20/26	BID ADDENDUM A
REVISION 2	
REVISION 3	
REVISION 4	
REVISION 5	
REVISION 6	
REVISION 7	



Smithsonian
Institution

Smithsonian Facilities
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20560

BUILDING NAME	INTERNATIONAL GALLERY		
ADDRESS	1100 JEFFERSON DR SW WASHINGTON DC 20004		
PROJECT TITLE	QUAD REPLACE TRACK LIGHTING AT INTL GALLERY		
SF PROJECT NUMBER	2109103		
A/E PROJECT NUMBER	55-23102-00		
DRAWING TITLE	LIGHTING_PLAN		
DRAWING TYPE	RCP		
WORKING STATE			
	DESIGNED BY	DRAWN BY	CHECKED BY
E-100	E	LP	100
2_OF_9	DISCIPLINE	TYPE	SEQUENCE