

PA UNIFORM CONSTRUCTION CODE (PA UCC 34 PA CODE CHAPTERS 401-405)	
2018 INTERNATIONAL BUILDING CODE (IBC)	
2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)	
2021 INTERNATIONAL BUILDING CODE (IBC)	(LIMITED TO CH 11 ACCESSIBILITY PROVISIONS)
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	
2018 INTERNATIONAL FIRE CODE (IFC)	(ADOPTED ONLY TO EXTENT REFERENCED IN CHAPTER 35 OF THE 2018 IBC)
2018 INTERNATIONAL FUEL GAS CODE	
2018 INTERNATIONAL MECHANICAL CODE (IMC)	
2018 INTERNATIONAL PLUMBING CODE (IPC)	
NFPA 70-2014 NEC (NATIONAL ELECTRIC CODE)	
ICC/ANSI 117.1 2009 EDITION (BARRIER FREE CODE)	
SCOPE OF WORK AREA: ± 8,402 S.F.	
TOTAL FLOOR AREA: ± 14,720 S.F.	
ALTERATION LEVEL:	LEVEL 2
USE:	EXISTING 'B' BUSINESS
CONSTRUCTION TYPE:	EXISTING IIB - NON-COMBUSTIBLE UNPROTECTED
OCCUPANCY:	EXISTING TENANT OCCUPANT LOAD: 98 (1 PER 150 S.F. PER CODE)
HEIGHT:	EXISTING 1-STORY BUILDING

DRAWING ENUMERATION

ARCHITECTURAL

RHJ ASSOCIATES, P.C.

CONTACT: MICHAEL HENRETTY, 302.528.4406
10 LEOPARD RD., PAOLI, PA 19301

- CS.1 - LOCATION MAP / BUILDING KEY / CODE INFORMATION
- E&O - EGRESS/OCCUPANCY PLAN
- D.1 - REFLECTED CEILING DEMOLITION PLAN
- A.1 - REFLECTED CEILING PLAN

ENGINEERING

MARTARANO ENGINEERING INC.

CONTACT: MATTHEW PAGE, 484.706.9779 EXT. 115
1105 BERKSHIRE BLVD., SUITE 140 WYOMISSING, PA 19610

- E1.1 - ELECTRICAL NOTES / LEGENDS
- E2.1 - ELECTRICAL DEMOLITION PLAN / NOTES
- E3.1 - ELECTRICAL NEW WORK LIGHTING PLAN / NOTES / DIAGRAMS / LIGHTING FIXTURE SCHEDULE

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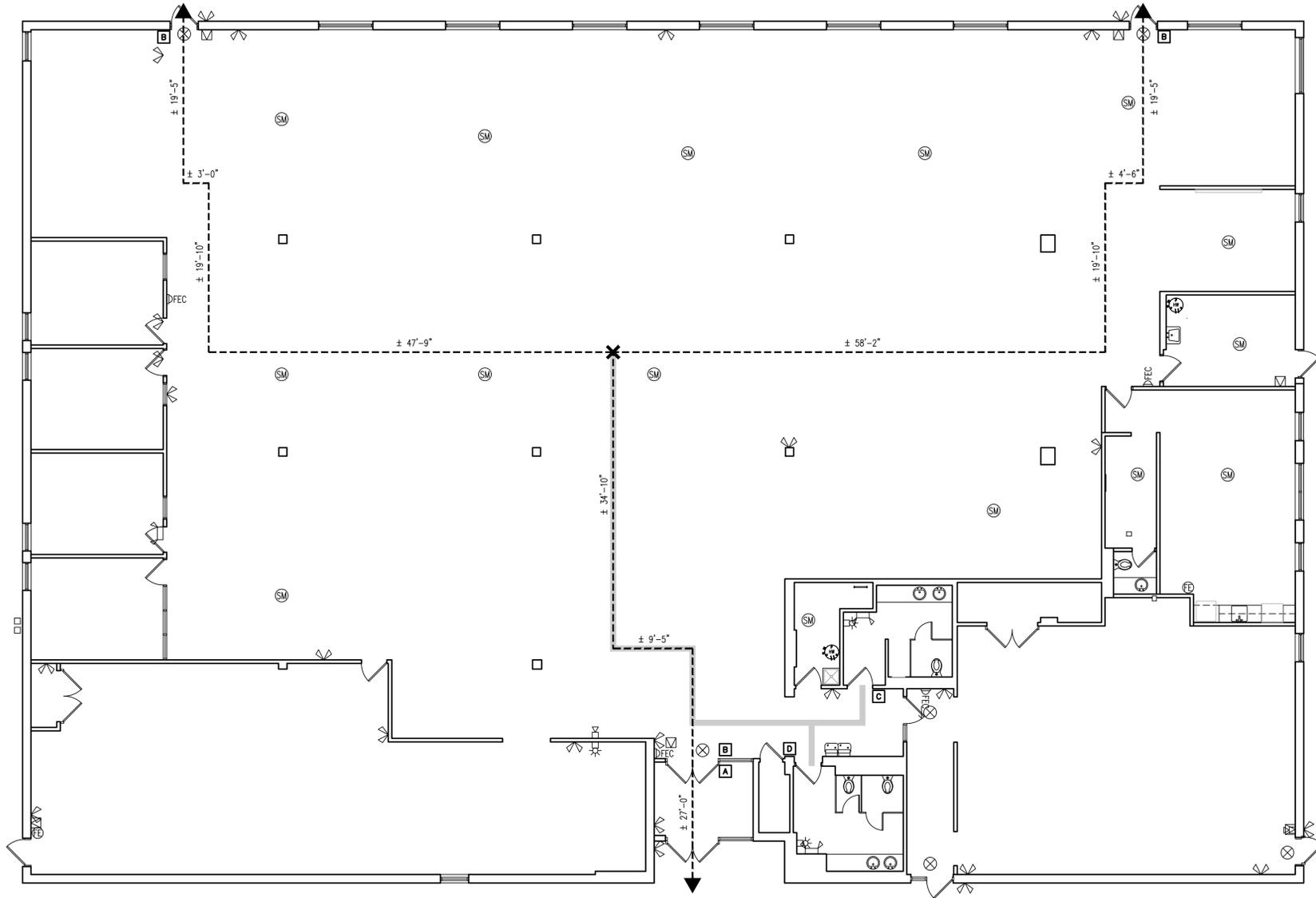
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CS.1

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EGRESS & OCCUPANCY LEGEND:

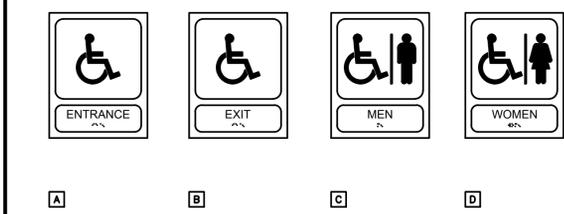
- EXISTING EXIT SIGN.
- EXISTING BATTERY PACK W/ (2) EMERGENCY HEADS.
- EXISTING DUAL REMOTE EMERGENCY HEADS.
- EXISTING HORN/STROBE.
- WALL MOUNTED FIRE EXTINGUISHER CABINET.
- SMOKE DETECTOR.
- FIRE PULL STATION.
- INDICATES EGRESS ROUTE (200' MAX ALLOWED)
- INDICATES ACCESSIBLE ROUTE.

FIRE EXTINGUISHER QUANTITIES NOTE:

(1) 5# 2A-10BC FIRE EXTINGUISHER PER 3,000 S.F. MAX. MAX TRAVEL DISTANCE 75'-0".
OFFICE SPACE = ±2,802 SQ. FT. (1 REQUIRED, 1 PROVIDED)

1 EGRESS/OCCUPANCY PLAN - 1ST FLOOR

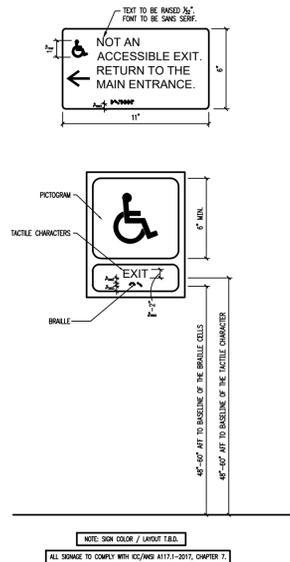
SCALE: 1/8" = 1'-0"



FOR REFERENCE ONLY - EXISTING TO REMAIN

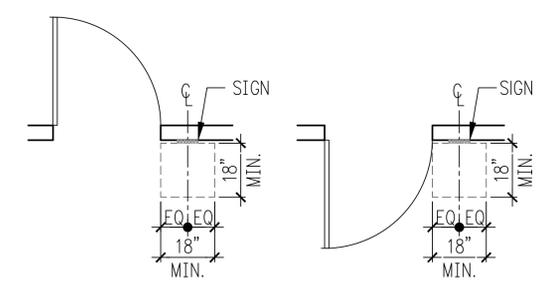
2 TACTILE SIGNS

SCALE: N.T.S.



3 TACTILE SIGN DIAGRAM - ELEVATION

SCALE: N.T.S.



4 TACTILE SIGN DIAGRAM - PLAN

SCALE: N.T.S.

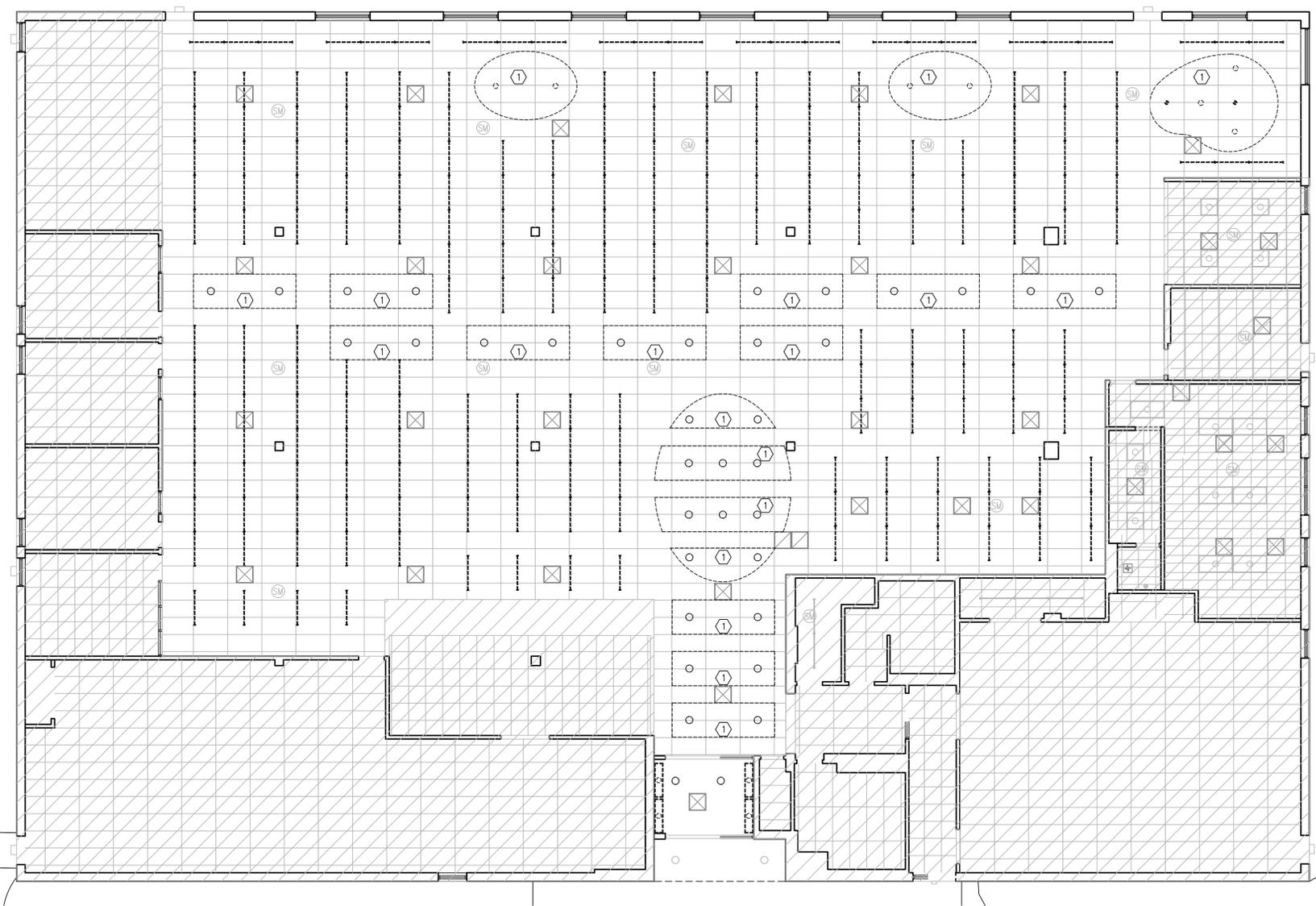
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REFLECTED CEILING DEMOLITION LEGEND:

- N.I.C. AREA
- EXISTING CONSTRUCTION TO REMAIN.
- EXISTING CEILING GRID & TILE TO REMAIN.
- EXISTING SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED.
- EXISTING DOWN LIGHT FIXTURE TO BE REMOVED.
- EXISTING 1X4 LIGHT FIXTURE TO BE REMOVED.
- EXISTING CAN LIGHT FIXTURE TO REMAIN, U.N.O.
- EXISTING SMOKE DETECTOR TO REMAIN, U.N.O.
- EXISTING 2X2 LAY-IN SUPPLY DIFFUSER TO REMAIN, U.N.O.
- EXISTING 2X2 LAY-IN RETURN AIR GRILLE, TO REMAIN U.N.O.

DEMO PLAN KEYED NOTES:

- EXISTING CABLE HUNG ACOUSTIC CLOUD TO BE REMOVED. REPLACE ALL DAMAGED CEILING TILES AT LOCATIONS WHERE CLOUD WAS SUSPENDED FROM.

- DEMOLITION NOTES:**
1. CONTRACTOR TO FOLLOW ALL APPLICABLE FEDERAL, OSHA, STATE AND LOCAL REGULATIONS.
 2. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL BUILDING PERMITS AND LICENSES REQUIRED.
 3. ALL EXISTING SURFACES DAMAGED AS A RESULT OF DEMOLITION OR NEW CONSTRUCTION SHALL BE PATCHED AND REPAIRED TO ACHIEVE A SMOOTH SURFACE FOR FINISH INSTALLATION.
 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF ALL EXISTING ELEMENTS DURING ALL PHASES OF WORK.
 5. CONTRACTOR TO COORDINATE WITH BUILDING OWNER THE DUMPSTER LOCATION ON SITE. ALL DEMOLITION DEBRIS NOT BEING RELOCATED IS TO BE REMOVED FROM THE SITE ON A DAILY BASIS.
 6. DEMO AND REMOVE ALL LIGHT FIXTURES AS INDICATED ON THE REFLECTED CEILING DEMOLITION PLAN.
 7. DURING THE PROCESS OF REMOVING THE EXISTING LIGHT FIXTURES, IF ANY EXISTING CEILING TILES THAT ARE DAMAGED DURING THE PROCESS THEY MUST BE REPLACED WITH A NEW CEILING TILE. THE NEW TILE TO MATCH THE EXISTING SPECIFICATION. COORDINATE WITH BCFL FOR THE SPECIFICATION FOR THE EXISTING CEILING TILE PRIOR TO ORDERING ANY NEW TILES.
 8. DURING THE PROCESS OF REMOVING THE EXISTING LIGHT FIXTURES, IF THE EXISTING CEILING GRID IS DAMAGED DURING THE PROCESS THE G.C. IS RESPONSIBLE FOR THE PATCHING AND REPAIR OF THE DAMAGED GRID.
 9. REMOVE ALL EXISTING LIGHT BULBS/ TUBES, IF POSSIBLE, AND SAVE FOR RE-USE BY BCFL. COORDINATE WITH BCFL DIRECTLY FOR STORAGE OF THE BULBS/ TUBES.
 10. DURING THE PROCESS OF REMOVING THE EXISTING ACOUSTIC CLOUDS, G.C. TO EVALUATE THE CONDITION OF EXISTING CEILING TILE ABOVE CLOUDS WITH BCFL TO ASSIST IF REPLACEMENT IS NECESSARY.
 11. DURING THE PROCESS OF REMOVING THE EXISTING ACOUSTIC CLOUDS, IF THE EXISTING CEILING GRID IS DAMAGED DURING THE PROCESS THE G.C. IS RESPONSIBLE FOR THE PATCHING AND REPAIR OF THE DAMAGED GRID.

1 REFLECTED CEILING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

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REFLECTED CEILING PLAN LEGEND:

-  N.I.C. AREA
-  EXISTING 2'X4' ACOUSTIC CEILING TILE & GRID.
-  NEW 2x4 LAY-IN LIGHT FIXTURE, U.N.O. SEE ENGINEERING DRAWINGS FOR LIGHT SPECIFICATION.
-  NEW 2x2 LAY-IN LIGHT FIXTURE, U.N.O. SEE ENGINEERING DRAWINGS FOR LIGHT SPECIFICATION.
-  NEW 6" DOWNLIGHT LIGHT FIXTURE, U.N.O. MATCH EXISTING. SEE ENGINEERING DRAWINGS FOR LIGHT SPECIFICATION.
-  EXISTING DOWN LIGHT FIXTURE, U.N.O.
-  EXISTING SMOKE DETECTOR, U.N.O.
-  EXISTING 2X2 LAY-IN SUPPLY DIFFUSER, U.N.O. FOR REFERENCE ONLY.
-  EXISTING 2X2 LAY-IN RETURN AIR GRILLE, U.N.O. FOR REFERENCE ONLY.

REFLECTED CEILING PLAN NOTES:

1. CONTRACTOR TO PROVIDE SUPPLEMENTAL LIGHTING SUFFICIENT FOR SAFE WORKING CONDITIONS THROUGHOUT COURSE OF DEMOLITION/NEW CONSTRUCTION.
2. CONTRACTOR TO CLEAN/REPAIR/REPLACE EXISTING GRID TO REMAIN AS REQD. BY NEW LAYOUT. REPLACE ANY STAINED, DAMAGED, OR MISSING TILES WITH NEW TO MATCH EXISTING.
3. CONTRACTOR TO PROVIDE AND INSTALL NEW LIGHT FIXTURES WHERE INDICATED ON PLAN 2/A.1. PROVIDE WIRING TO REFLECT LAYOUT OF EMERGENCY BACKUP LIGHTING. PROVIDE AND INSTALL SUFFICIENT LIFE/SAFETY FIXTURES TO MEET ALL STATE AND LOCAL REGULATIONS.
4. CONTRACTOR TO PROVIDE AND INSTALL CEILING OR WALL-MOUNTED EXIT SIGNS OF SUFFICIENT QUANTITY AS INDICATED ON PLAN 2/A.1 TO MEET ALL LIFE SAFETY REQUIREMENTS. REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.

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1 REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES AND PROVIDE ALL MATERIALS, DEVICES, CONNECTIONS, ETC. FOR A COMPLETE AND FUNCTIONAL INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK WITH SUPPLIERS, SUBCONTRACTORS, EMPLOYEES, ETC. SHOULD CLARIFICATION OF ANY PORTION OF THE WORK BE REQUIRED, CONTACT THE ARCHITECT/ENGINEER PRIOR TO SUBMITTING BID.
2. SYMBOLS, ABBREVIATIONS, DETAILS, SCHEDULES, AND DRAWINGS NOTES ARE PROVIDED FOR INFORMATIONAL PURPOSES. NOT ALL SYMBOLS, ABBREVIATIONS, DETAILS, SCHEDULES, AND DRAWING NOTES MAY APPLY. COORDINATE ANY DISCREPANCIES WITH ENGINEER.
3. WORK SHALL COMPLY WITH CODE AS REQUIRED BY LOCAL AUTHORITY. THIS WOULD INCLUDE, BUT IS NOT LIMITED TO THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL ELECTRICAL CODE (NEC). AMENDMENTS, NFPA, ANSI, OSHA, AND ALL OTHER LOCAL OR MUNICIPAL BUREAUS AND DEPARTMENTS WHICH HAVE AUTHORITY OVER THE PROJECT; ANYTHING IN THESE CONTRACT DOCUMENTS NOT WITHSTANDING. THIS SHALL NOT BE CONSTRUED AS WAIVING COMPLIANCE WITH ANY REQUIREMENTS OF THE PLANS AND SPECIFICATIONS WHICH MAY BE IN EXCESS OF ANY REQUIREMENTS OF THESE CODES.
4. THE CONTRACTOR SHALL COMPARE THE DRAWINGS AND SPECIFICATIONS, CHECKING THE MEASUREMENTS AND CONDITIONS UNDER WHICH CONSTRUCTION IS TO BE IMPLEMENTED. FOR CLARIFICATION BETWEEN VARIOUS DRAWINGS AND/OR SPECIFICATIONS, THE DISPUTED ISSUE SHALL BE REFERRED TO THE ENGINEER PRIOR TO ANY WORK. THE CONTRACTOR SHALL STATE IN THEIR PROPOSAL ANY EXCEPTIONS NECESSARY TO MAKE THIS WORK A COMPLETE AND READY-TO-USE INSTALLATION. IF NOT SO-STATED IN THE CONTRACTOR'S PROPOSAL, ANY SUCH WORK WILL NOT BE CONSIDERED ADDITIONAL.
5. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL REQUIRED WORK AND EQUIPMENT WITH THAT OF THE OTHER TRADES. WHERE THERE ARE POTENTIAL CONFLICTS, THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, ETC. AT THE SITE AND SHALL ADAPT HIS WORK TO ACTUAL FIELD CONDITIONS. REFER TO ARCHITECTURAL/MECHANICAL DRAWINGS FOR PLANS, ELEVATIONS AND DETAILS INDICATING THE LOCATIONS OF CEILING ELEMENTS (E.G., LIGHTS, SPRINKLERS, DIFFUSERS, ETC.) AND WALL ELEMENTS. CEILING MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL CEILING TYPES IN ALL AREAS. CONTRACTOR GENERATED COORDINATION DRAWINGS ARE REQUIRED.
6. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, EXAMINE THE PREMISES, AND MAKE A THOROUGH SURVEY OF THE CONDITIONS UNDER WHICH CONSTRUCTION WILL BE IMPLEMENTED. THE SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT. ANY LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE, WILL NOT BE RECOGNIZED.
7. THE CONTRACTOR SHALL SECURE, OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS, TAXES, LICENCE, AND FEES TO ALL GOVERNMENT AGENCIES REQUIRED FOR THE EXECUTION AND COMPLETION OF THE ELECTRICAL WORK. SCHEDULING OF ALL REQUIRED INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PREPARE AND SUBMIT ALL SHOP DRAWINGS AS REQUIRED TO THE GOVERNMENTAL AGENCIES AND UTILITY COMPANIES FOR THEIR APPROVAL.
8. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE SAFETY OF THE CLIENT'S EMPLOYEES, BUILDING EMPLOYEES AND GUESTS AS WELL AS THEIR OWN FORCES, BY ADEQUATELY PROTECTING ANY EXPOSED LIVE CABLE, EQUIPMENT, OR DEVICES THROUGHOUT THE COURSE OF THIS WORK.
9. ALL CONTRACTORS/BIDDERS SHALL HAVE RECEIVED A COMPLETE SET OF CONSTRUCTION DOCUMENTS FOR REVIEW AND REFERENCE TO WORK INDICATED. CONDUIT LOCATE SERVICES SHALL BE REQUESTED AND COMPLETED BEFORE DISTURBANCE OF ANY EXISTING GRADE OR ON-GRADE CONSTRUCTION, SLAB DEMOLITION, OR OTHER ACTIVITIES THAT MAY IMPACT BURIED UTILITIES OR COMMUNICATION CONDUITS. THE CONTRACTOR SHALL CONFIRM THAT CONDUIT LOCATE SERVICES HAVE BEEN COMPLETED AND THAT NO POTENTIAL CONFLICTS EXIST BEFORE EXISTING GRADE IS EXCAVATED OR EXISTING FLOORING DEMOLISHED, REGARDLESS OF THE LOCATION ON THE PROPERTY. THIS SHALL BE REVIEWED WITH THE OWNER'S PROJECT REPRESENTATIVE.
10. THE CONTRACTOR SHALL PROVIDE THE COMPLETE ELECTRICAL INSTALLATION OF WORK AS INDICATED IN THE CONSTRUCTION DOCUMENTS. PRIOR TO COMMENCEMENT, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL, ANY SEQUENCE OF WORK, MOP'S (METHOD OF PROCEDURE) AND/OR COORDINATION SHOP DRAWINGS FOR THE INTENDED WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
11. THE CONTRACTOR SHALL PROVIDE ALL "AS-BUILT" DRAWINGS SCALED 1/4" MINIMUM AND SUBMIT FOR APPROVAL TO THE ARCHITECT/ENGINEER.
12. THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING FOR THIS WORK DURING CONSTRUCTION. TEMPORARY LIGHTING SHALL AT LEAST BE THE EQUAL OF (1)100-WATT FIXTURE EVERY 100 SQUARE FEET, WITH A MINIMUM ONE FIXTURE PER ROOM. TEMPORARY LIGHTING SHALL BE LEFT IN PLACE UNTIL PERMANENT LIGHTING IS COMPLETELY OPERATIONAL. COORDINATE TEMPORARY POWER REQUIREMENTS WITH THE OTHER TRADES AND PROVIDE ADEQUATE PROVISIONS. THE CONTRACTOR SHALL PERFORM ALL COORDINATION WITH THE OWNER AND/OR LANDLORD AND UTILITY COMPANY.
13. ALL MATERIALS AND EQUIPMENT PROVIDED IN THIS WORK SHALL BE NEW AND SHALL HAVE THE APPROPRIATE UL LISTING AND/OR FM APPROVAL.

LIGHTING

<p>THREE WAY TOGGLE TYPE A/C SWITCH 20 AMP, 120/277 VOLT MOUNT @ 3"-10" AFF, UNLESS OTHERWISE NOTED</p> <p>TIME CLOCK OVERRIDE SWITCH 20 AMP, 120/277 VOLT MOUNT @ 3"-10" AFF, UNLESS OTHERWISE NOTED *-PRESET FOR MAXIMUM OF 2 HOUR OVERRIDE.</p> <p>LIGHTING CONTACTOR</p> <p>TIMECLOCK</p>

GENERAL

	CONNECT NEW TO EXISTING
	REFER TO INDICATED DEMOLITION NOTE
	REFER TO INDICATED NEW WORK LIGHTING NOTE

POWER

	1 CIRCUIT HOME RUN TO PANEL 2 #12 & 1 #12G, 3/4" CND, UNLESS OTHERWISE NOTED
	DIRECT CURRENT CIRCUIT RUN CONCEALED 2#10, 3/4" CND, UNLESS OTHERWISE NOTED
	BRANCH CIRCUIT RUN CONCEALED - 2 #12 & 1 #12G, 3/4" CND, UNLESS OTHERWISE NOTED PROVIDE ADDITIONAL SWITCHED CONDUCTORS AS REQUIRED
	PANELBOARD - FLUSH MOUNTED MOUNT 6'-0" TO TOP OF HIGHEST BREAKER RATINGS AS INDICATED ON DRAWINGS

ABBREVIATIONS

⊙	AT
AER &	ARC ENERGY REDUCTION AND
#, NO.	NUMBER
A, AMP	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BKR	BREAKER
BLDG	BUILDING
CKT	CIRCUIT
CND	CONDUIT
DC	DIRECT CURRENT
DWG	DRAWING
DX	DEMOLISH EXISTING
EMER	EMERGENCY
EXG	EXISTING
G	GROUND
HT	HEIGHT
J	JUNCTION BOX
KAIC	THOUSAND AMPS INTERRUPTING CURRENT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LG	LENGTH
LIG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
P	POLE
PNL	PANEL
REF	REFERENCE
SHT	SHEET
TYP	TYPICAL
V	VOLTAGE, VOLTS
W	WATT
W	WIRE
W/	WITH
W/O	WITHOUT

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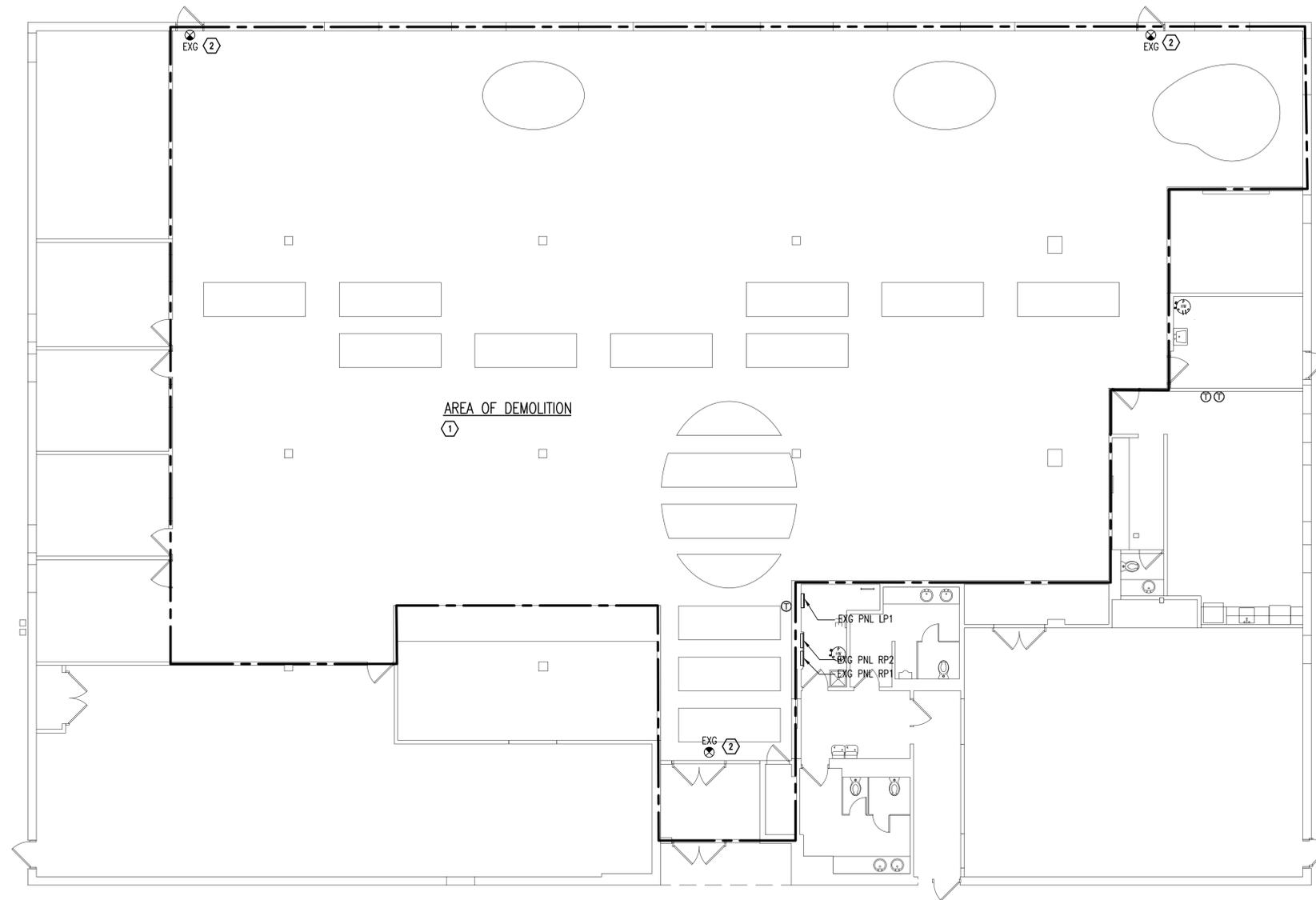
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ELECTRICAL - GROUND FLOOR PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

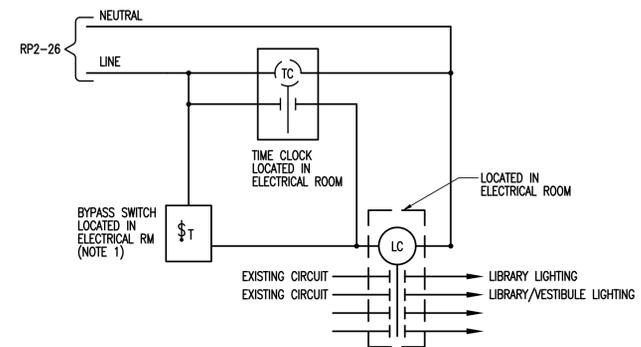
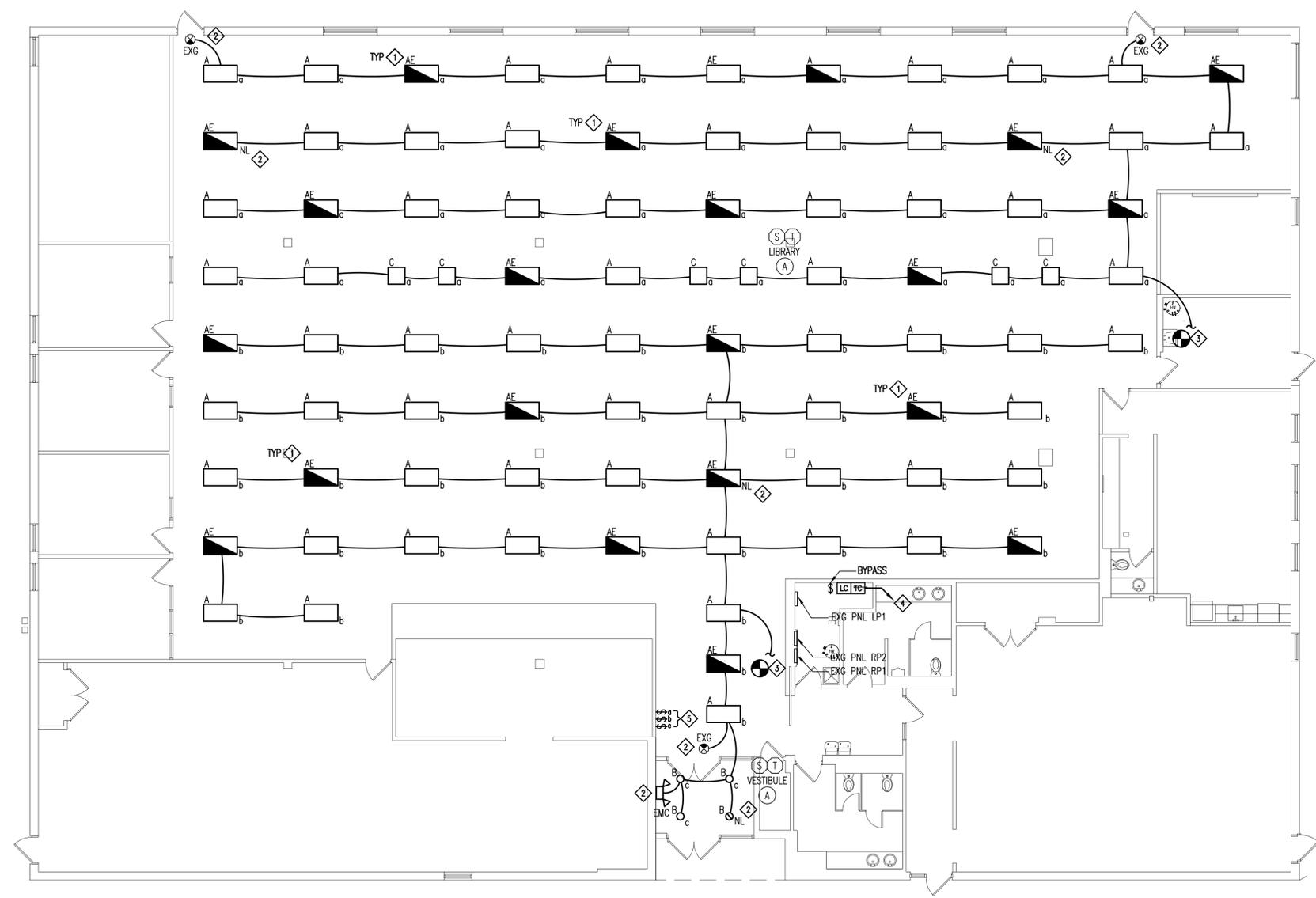
GENERAL DEMOLITION NOTES:

1. WHERE IT IS INDICATED THAT A CIRCUIT, CONDUIT OR WIRING IS TO BE REMOVED IN ITS ENTIRETY, THIS SHALL MEAN THAT THE WIRE, CONDUIT, HANGERS, CONNECTORS, COUPLINGS, CONTROLS, DISCONNECT SWITCHES, ETC. SHALL BE REMOVED FROM THE DEVICE TO THE SOURCE, EXCEPT THAT CONDUIT EMBEDDED IN WALLS OR FLOORS NOT BEING DEMOLISHED MAY BE ABANDONED IN PLACE AS LONG AS THE WIRE IS REMOVED AND THE CONDUIT ENDS ARE SATISFACTORILY CLOSED.
2. CIRCUITS TO EQUIPMENT OR DEVICES INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY EVEN IF THE CIRCUIT OR SOURCE IS OUTSIDE THE DEFINED AREA OF DEMOLITION.
3. CIRCUITS WHICH ORIGINATE IN OR PASS THROUGH THE AREA OF DEMOLITION BUT WHICH SUPPLY LOADS OUTSIDE OF THE AREA OF DEMOLITION OR WHICH FEED EQUIPMENT IN THE AREA OF DEMOLITION WHICH IS TO REMAIN, SHALL BE RETAINED. PORTIONS OF SUCH CIRCUITS WHICH CONFLICT WITH CLEARANCES FOR NEW CONSTRUCTION SHALL BE REMOVED AND WIRE AND CONDUIT (MATCH EXISTING TYPE AND SIZE) SHALL BE PROVIDED TO EXTEND THE CIRCUIT TO ITS ORIGINAL SOURCE AND TO MAINTAIN THE FUNCTIONALITY OF THE CIRCUIT.
4. CIRCUITS WHICH SUPPLY DEVICES BOTH INSIDE AND OUTSIDE OF THE AREA OF DEMOLITION SHALL BE REMOVED ONLY WITHIN THE AREA OF DEMOLITION. REMOVE THE CIRCUITS TO THE NEAREST JUNCTION BOX OR DEVICE OUTSIDE THE AREA OF DEMOLITION. PORTIONS OF THE CIRCUITS WHICH SUPPLY DEVICES OUTSIDE THE AREA OF DEMOLITION OR DEVICES TO REMAIN INSIDE THE AREA OF DEMOLITION SHALL REMAIN AND WIRE AND CONDUIT (MATCH EXISTING TYPE AND SIZE) SHALL BE PROVIDED TO EXTEND THE CIRCUIT TO ITS ORIGINAL SOURCE AND TO MAINTAIN THE FUNCTIONALITY OF THE CIRCUIT, UNLESS OTHERWISE NOTED.
5. EXISTING PANELBOARDS AND THEIR FEEDER CIRCUITS SHALL BE RETAINED, UNLESS OTHERWISE NOTED.

- NOTES:
6. DRAWING DEMOLITION NOTES LISTED UNDER THE DEMOLITION AREA IDENTIFICATION SHALL APPLY TO ALL ROOMS/AREAS WITHIN THE AREA OF DEMOLITION. OTHER INDIVIDUAL DRAWING DEMOLITION NOTES ARE IN ADDITION TO THOSE UNDER THE AREA IDENTIFICATION AND APPLY ONLY TO INDIVIDUAL ROOMS OR EQUIPMENT.
 7. ABANDONED WIRE, CONDUIT, DEVICES AND CIRCUITS IN THE AREA OF DEMOLITION OR INDIVIDUALLY IDENTIFIED SHALL BE REMOVED IN THEIR ENTIRETY.
 8. OWNER EQUIPMENT SHALL BE RETURNED TO OWNER, UNLESS OTHERWISE DIRECTED.
 9. CONTRACTOR SHALL FIELD VERIFY QUANTITY AND LOCATION OF ALL WIRING DEVICES PRIOR TO BID. ANY ADDITIONAL DEVICES LOCATED SHALL BE TREATED THE SAME AS OTHER DEVICES IN THE SAME AREA.
 10. NON-POWER WIRING IN GOOD CONDITION MAY BE PULLED BACK FROM DEVICES BEING REMOVED AND WIRING MAY BE REUSED FOR NEW DEVICES WHERE WIRING LENGTH IS NO LONGER THAN THE ORIGINAL LENGTH. WIRING SHALL NOT BE SPLICED. WIRING WHICH CANNOT BE REUSED SHALL BE REMOVED IN ITS ENTIRETY.
 11. DEVICE BOXES WITH USABLE CONDUIT TO ACCESSIBLE SPACES LOCATED IN THE SAME LOCATION AS NEW DEVICES MAY BE REUSED WITH NEW WIRING AND DEVICES. DEVICE BOXES NOT BEING USED AND LOCATED IN WALLS NOT BEING REMOVED MAY REMAIN BUT MUST BE CLOSED WITH A BLANK COVERPLATE.

DRAWING DEMOLITION NOTES:

- ① REMOVE ALL LIGHT FIXTURES AND LIGHTING CONTROLS IN THEIR ENTIRETY, UNLESS OTHERWISE NOTED. RETAIN LIGHTING CIRCUITS FOR RECONNECTION OF NEW LIGHTS.
- ② EXIT SIGNS LABELED 'EXG' ARE EXISTING TO REMAIN.



LIGHTING CONTROL WIRING DIAGRAM

NO SCALE
 NOTES:
 1. TWO HOUR OVERRIDE TIMER SWITCH LOCATED AT OFFICE. LABEL SWITCH "NIGHT TIME OVERRIDE". SWITCH SHALL BE TORK SSA200 OR EQUAL.
 2. UNSWITCHED HOT LEG FOR NIGHT LIGHT, EMERGENCY BALLAST AND EXIT SIGNS.

ELECTRICAL - GROUND FLOOR PLAN - NEW WORK LIGHTING

SCALE: 1/8" = 1'-0"

LIGHTING CONTROL DEVICES

(S) SWITCH: PROVIDE SWITCHING FOR ALL LOADS IN THE SPACE. LOWERCASE SUBSCRIPT ADJACENT TO EACH LUMINAIRE INDICATES CONTROL ZONE. WHERE NO CONTROL ZONES ARE NOTED, ALL LOADS IN THE SPACE ARE TO BE TIED TOGETHER ON ONE ZONE.

(T) TIME CLOCK: PROVIDE LOCAL TIME CLOCK AND CONTACTOR FOR ASTRONOMIC TIME BASED CONTROL OF LIGHTING LOADS IN THIS SPACE.

LIGHTING CONTROL SEQUENCE OF OPERATIONS

(A) ASTRONOMIC TIME CLOCK BASED CONTROL: AUTO ON, AUTO OFF.

LIGHTING GENERAL NOTE:

- EC SHALL COORDINATE WITH LEGEND AND SPECIFICATIONS FOR ALL EQUIPMENT TO BE PROVIDED PER THE LIGHTING NEW WORK PLANS.

(M)
 ROOM
 NAME
 123
 (V)

TYPICAL SEQUENCE DESIGNATION

SCALE: NONE

LIGHT FIXTURE SCHEDULE											
MOUNTING LOCATION: CEILING - CLG; FLOOR - FLR; GROUND - GND; POLE - PL; SUSPENDED - SUS; WALL - WL											
MOUNTING TYPE: FLUSH - FLS; PENDANT - PEN; PEDESTAL - PED; SURFACE - SUR; TRACK - TRK; CH-CHAIN HUNG; ACA-AIRCRAFT CABLE; CEILING HEIGHT - CLG-HT											
TYPE	MANUFACTURER	CAT NO	DESCRIPTION	VOLTS	LOAD WATTS	NO	LAMPS TYPE	LOCATION	TYPE	HEIGHT	REMARKS
A	RAB	EZPANFA2X4/D10	2X4 FLAT PANEL	120	40	-	LED	CLG	FLS	CLG HT	NOTE 1
AE	RAB	EZPANFA2X4/D10/E2	2X4 FLAT PANEL W/ BATTERY	120	40	-	LED	CLG	FLS	CLG HT	NOTE 1
B	RAB	WFRRLR139FA120WS	6" DOWNLIGHT	120	13	-	LED	CLG	FLS	CLG HT	NOTE 1
C	RAB	EZPANFA2X2/D10	2X2 FLAT PANEL	120	30	-	LED	CLG	FLS	CLG HT	NOTE 1
EMC	EMERG-LIGHT	MPR102LA-DA	EMERGENCY WALLPACK	120	10	2	LED	WL	SUR	7'-6"	

*See REMARKS section.
 NOTES: 1. SET AT 3500K IN THE FIELD.

NEW WORK LIGHTING NOTES:

- CONNECT ALL EMERGENCY LIGHT FIXTURE EMERGENCY DRIVERS TO THE UNSWITCHED HOT LEG OF THE AREA LIGHTING CIRCUIT AND THE NORMAL DRIVERS TO THE SWITCHED HOT LEG SUCH THAT FIXTURES ARE SWITCHED WITH NORMAL FIXTURES BUT ARE ON AT APPROXIMATELY FULL BRIGHTNESS ON LOSS OF POWER. TEST SWITCHES FOR EMERGENCY DRIVERS SHALL BE EASILY ACCESSIBLE WITHIN THE OPEN PORTION OF THE FIXTURE WITHOUT REMOVING ANY TRIMS OR SHALL BE MOUNTED IN A JUNCTION BOX ADJACENT TO THE FIXTURE ACCESSIBLE FROM THE ROOM.
- CONNECT ALL NIGHT LIGHT (NL) FIXTURES, BATTERY PACKS, AND EXISTING EXIT SIGNS TO AN UNSWITCHED HOT LEG OF THE AREA LIGHTING CIRCUIT.
- CONNECT TO EXISTING AREA LIGHTING CIRCUIT RETAINED FROM DEMOLITION.
- CONNECT TO A SPARE 20A-1P BREAKER IN PANEL RP2 VIA 2#12 & 1#12G, 3/4" CND.
- LINE VOLTAGE SWITCHES. WIRING IS NOT SHOWN FOR CLARITY. COORDINATE EXACT LOCATION OF SWITCHES WITH THE OWNER IN THE FIELD.