----- DEMOLITION

POWER	
(4)	NON-FUSED SAFETY SWITCH AMPERE RATING
30A	- NEMA ENCLOSURE RATING
F 1 60AS 40AF	FUSED SAFETY SWITCH. TOP NUMBER INDICATES SWITCH AMPERE RATING. LOWER NUMBER INDICATES FUSE RATING
1 🛛	 NEMA ENCLOSURE MAGNETIC MOTOR STARTER. FVNR UNLESS INDICATED OTHERWISE NEMA ENCLOSURE RATING
(4)-	-NEMA SIZE (TYPICAL)
LCB 20/1	COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES NEMA STARTER SIZE
F X 60/40/1	COMBINATION FUSED DISCONNECT/MAGNETIC MOTOR STARTE NUMBERS INDICATE DISCONNECT AMPERE RATING/FUSE RATING/NEMA STARTER SIZE
L	NON-FUSED DISCONNECT/MAGNETIC MOTOR STARTER FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES NEMA STARTER SIZE
M _{OL}	MANUAL MOTOR STARTER. TOGGLE OPERATED, 1,2 OR 3 POLE AS REQUIRED. OVERLOAD PROTECTION
M	MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE. 1 OR 2 POLE AS REQUIRED (NO OVERLOAD PROTECTION)
CB 100A	ENCLOSED CIRCUIT BREAKER AMPERE RATING
5	ELECTRIC MOTOR, NUMBER INDICATES HORSEPOWER RATING
J	JUNCTION BOX
T	TRANSFORMER
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
Фс <u></u> Ш	DUPLEX RECEPTACLE, NEMA 5-20R. -C-INSTALLED AT 44" AFF GFI DUPLEX RECEPTACLE, NEMA 5-20R
#	DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, NEMA 5-20R
	FLOOR BOX WITH OUTLET, DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R
	POWER RECEPTACLE, 480 VOLT NEMA CONFIGURATION AS NOTED.
	POWER RECEPTACLE, 240 VOLT NEMA CONFIGURATION AS NOTED.
	PANELBOARD, NORMAL POWER
	PANELBOARD, EMERGENCY POWER
СР	CONTROL PANEL
P	JUNCTION BOX WITH WHIP FOR POWER CONNECTION TO SYSTEMS FURNITURE. 18" AFF.

FIRE ALA	IRM
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM ANNUNCIATOR
F	FIRE ALARM MANUAL PULL STATION
F p	FIRE ALARM SPEAKER/STROBE UNIT FIRE ALARM AUDIBLE/VISIBLE
FΝ	NOTIFICATION APPLIANCE (GENERAL EVACUATION)
F (110) - C	FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE -CANDELA INTENSITY—15/75 UNLESS OTHERWISE NOTE -CEILING MOUNTED
(P)	PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNTED -INDICATES AUXILIARY CONTACT.
(D)	DUCT SMOKE DETECTOR, PHOTOELECTRIC WITH AUXILIARY CONTACT.
FS	SPRINKLER SYSTEM FLOW SWITCH
TS	SPRINKLER SYSTEM TAMPER SWITCH
DH	FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
	INTERLOCK RELAY
	SMOKE DAMPER
RAI	REMOTE ALARM INDICATOR

RTS REMOTE TESTING STATION

	LIGHT FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MFR	LAMPS	MOUNTING	NOTES			
F1A	DIRECT/INDIRET LINEAR PENDANT WITH LED SOURCE-8'	LITECONTROL P-ID-L12-8-SOF- STD-35K-I10/D35- CWM-D10-1CWQ-277	60W LED 3500K	PENDANT MOUNT 7-6' AFF				
F1B	DIRECT/INDIRET LINEAR PENDANT WITH LED SOURCE-4'	LITECONTROL P-ID-L12-4-SOF- LPA-35K-I10/D35- CWM-D10-1CWQ-277	30W LED 3500K	PENDANT MOUNT 7-6' AFF				
F2A	1X4 VOLUMETRIC LENSED BASKET FIXTURE WITH LED SOURCE 277V	LITHONIA VTL4 40L ADP EZ1 LP835	41W LED 3500K	RECESSED CEILING				
F2B	2X2 VOLUMETRIC LENSED BASKET FIXTURE WITH LED SOURCE 277V	LITHONIA 2VTL2 40L ADP EZ1 LP835	41W LED 3500K	RECESSED CEILING				
F3	4" SQUARE DOWNLIGHT WITH LED SOURCE 277V	GOTHAM EVO SQ 35/10 4AR 277	21W LED 3500K	RECESSED CEILING				
F4	4" SQUARE WALL WASH DOWNLIGHT WITH LED SOURCE 277V	GOTHAM EVO SQLW 35/10 4AR LD 277	19W LED 3500K	RECESSED CEILING				
F5	PENDANT WITH CONICAL GLASS DIFFUSER AND LED SOURCE	FLOS FUCSIA 1 120V	LED R50 LAMP WITH E14 BASE 3500K	PENDANT MOUNT	CONFIRM MOUNTING HEIGHT WITH ARCHITECT			
F6	PENDANT WITH NESTED DIFFUSERS 277V	ARTEMIDE LOGICO 0454028 18W T4 FLUORESCENT 277	18W T4 FLUORESCENT 3500K	PENDANT MOUNT	CONFIRM MOUNTING HEIGHT WITH ARCHITECT			
F7	UNDER COUNTER TASK LIGHT WITH LED SOURCE 277V	DAY-BRITE LINCS100-LXX- 277-WHG	6W LED 3500K	SURFACE MOUNT UNDER CABINET				
F8	4' INDUSTRIAL STRIP LIGHT WITH DIFFUSE LENS AND LED SOURCE 277V	LITHONIA ZL1N L46 FST MVOLT 35K 80CRI WH HC36	32W LED 3500K	CHAIN HUNG 7' AFF				
F9	4" RECESSED LINEAR FIXTURE WITH DIFFUSE LENS 277V	FOCAL POINT FSM4 FL 2T5 1C UNV S T2 4'	2-28W T5 3500K	RECESSED CEILING				
F10	4" RECESSED LINEAR WALL WASH FIXTURE WITH OPEN OPTIC 277V	FOCAL POINT FSM4A NS 1T5 1C UNV T2 S 4'	1-28W T5 3500K	RECESSED CEILING				
M	EDGE LIT EXIT SIGN WITH INTEGRAL BATTERY AND LED SOURCE	LITHONIA LRP X RMR XX 120/277	3.4W LED	CEILING MOUNT	COORDINATE NUMBER OF FACES AND DIRECTIONAL INDICATORS WITH DRAWINGS			
1	ARCHITECTURAL EMERGENCY EGRESS FIXTURE WITH INTEGRAL BATTERY PACK, WHITE HOUSING AND LED SOURCE	LITHONIA ELMLT W LP06VS LTP	3.4W LED	CEILING MOUNT				

277V

ABBREVIATIONS

AMPERE

	A,AMP		AMPERE	LA	LIGHTNING ARRESTER
	AFF		ABOVE FINISHED FLOOR	LTG	LIGHTING
	AFG		ABOVE FINISHED GRADE	MC	METAL CLAD
	AHJ		AUTHORITY HAVING JURISDICTION	MCB	MAIN CIRCUIT BREAKER
	AIC		AMPERE INTERRUPTING CAPACITY	MFR	MANUFACTURER
	AWG		AMERICAN WIRE GAUGE	MI	MINERAL INSULATED
	BFG		BELOW FINISHED GRADE	MLO	MAIN LUG ONLY
	BOS		BOTTOM OF STEEL		MOUNTED
	C			MV	MEDIUM VOLTAGE
	CATV		CABLE TELEVISION	NC .	NORMALLY CLOSED
	CB		CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
	CCTV		CLOSED CIRCUIT TELEVISION	NEG	NEGATIVE
	CPT		CONTROL POWER TRANSFORMER	NEUT	NEUTRAL
	CT		CURRENT TRANSFORMER	NIC	NOT IN CONTRACT
	CU		COPPER	NO	NORMALLY OPEN
	DACT		DIGITAL ALARM COMMUNICATOR	NTS	NOT TO SCALE
•	DACT		TRANSMITTER	PF	POWER FACTOR
	DB	٠.	DIRECT BURIED	PH	PHASE
	DISC		DISCONNECT	PVC	
	4.4				POLYVINYL CHLORIDE
	DN		DOWN THE	RGS	RIGID STEEL CONDUIT
	EMT		ELECTRICAL METALLIC TUBING	RSC	RIGID STEEL CONDUIT
	EWC		ELECTRIC WATER COOLER	RTD	RESISTANCE TEMPERATURE
	FAA		FIRE ALARM ANNUNCIATOR	011	DETECTOR
	FACP		FIRE ALARM CONTROL PANEL	SN	SOLID NEUTRAL
	FBO .		FURNISHED BY OTHERS	STP	SHIELDED TWISTED PAIR
	FU		FUSE	STT	SHIELDED TWISTED TRIPLET
	FWE		FURNISHED WITH EQUIPMENT	SWBD	SWITCHBOARD
	GEN		GENERATOR	SWGR	SWITCHGEAR
	GFCI		GROUND FAULT CIRCUIT BREAKER	TOS	TOP OF STEEL
	GND		GROUND	TP	TAMPER PROOF
	HP		HORSEPOWER	TRANSF	TRANSFORMER
	HTR		HEATER	TVSS	TRANSIENT VOLTAGE
	IG		ISOLATED GROUND		SURGE SUPPRESSER
	IMC		INTERMEDIATE METAL CONDUIT	UNO	UNLESS NOTED OTHERWISE
	K		KILO	V ,	VOLT
	KCMIL		THOUSAND CIRCULAR MILS	VA	VOLT-AMPERE
	K۷		KILOVOLT	VAR	VOLT-AMPERE REACTIVE
	KVA		KILOVOLT-AMPERE	WM	WATT METER
	KVAR		KILOVOLT-AMPERE REACTIVE	WP	WEATHER PROOF
	KW		KILOWATT	XFMR	TRANSFORMER
	KWH		KILOWATT-HOUR	XP	EXPLOSION PROOF
			MEGHATI HOOK	· ru,	LAI LOSION I NOO!

LIGHTNING ARRESTER

GENERAL NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- 2. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 260000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- 3. UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES 48-INCHES AFF, DATA SYSTEM OUTLETS 18-INCHES AFF, FIRE ALARM NOTIFICATION DEVICES 80-INCHES AFF OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
- 4. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
- 5. ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- 6. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- 7. UNLESS OTHERWISE NOTED WIRING SHALL BE 2#12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P
- CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG. 8. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE
- METAL CONDUIT, UNLESS OTHERWISE NOTED. 9. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION

GRADE 277 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL.

- COORDINATE COLOR WITH ARCHITECT. 10. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS
- AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH
- 11. PROVIDE WALL PLATES FOR ALL WIRING DEVICES, COLORED SMOOTH TYPE THERMOPLASTIC IN FINISHED AREAS AND GALVANIZED IN UNFINISHED AREAS.
- 12. ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION. SERVICE ENTRANCE CONDUCTORS SHALL HAVE XHHW INSULATION.
- 13. FIRE ALARM CABLING TO BE PLENUM RATED.

GENERAL NOTE

1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.

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REVISIONS

BANK OF AMERICA - 9TH & **10TH FLOORS**

BANK OF AMERICA

I MONUMENT SQUARE Portland, ME

TITLE

ELECTRICAL LEGEND AND GENERAL NOTES

DATE

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DRAWING NO.

ISSUED FOR CONSTRUCTION

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