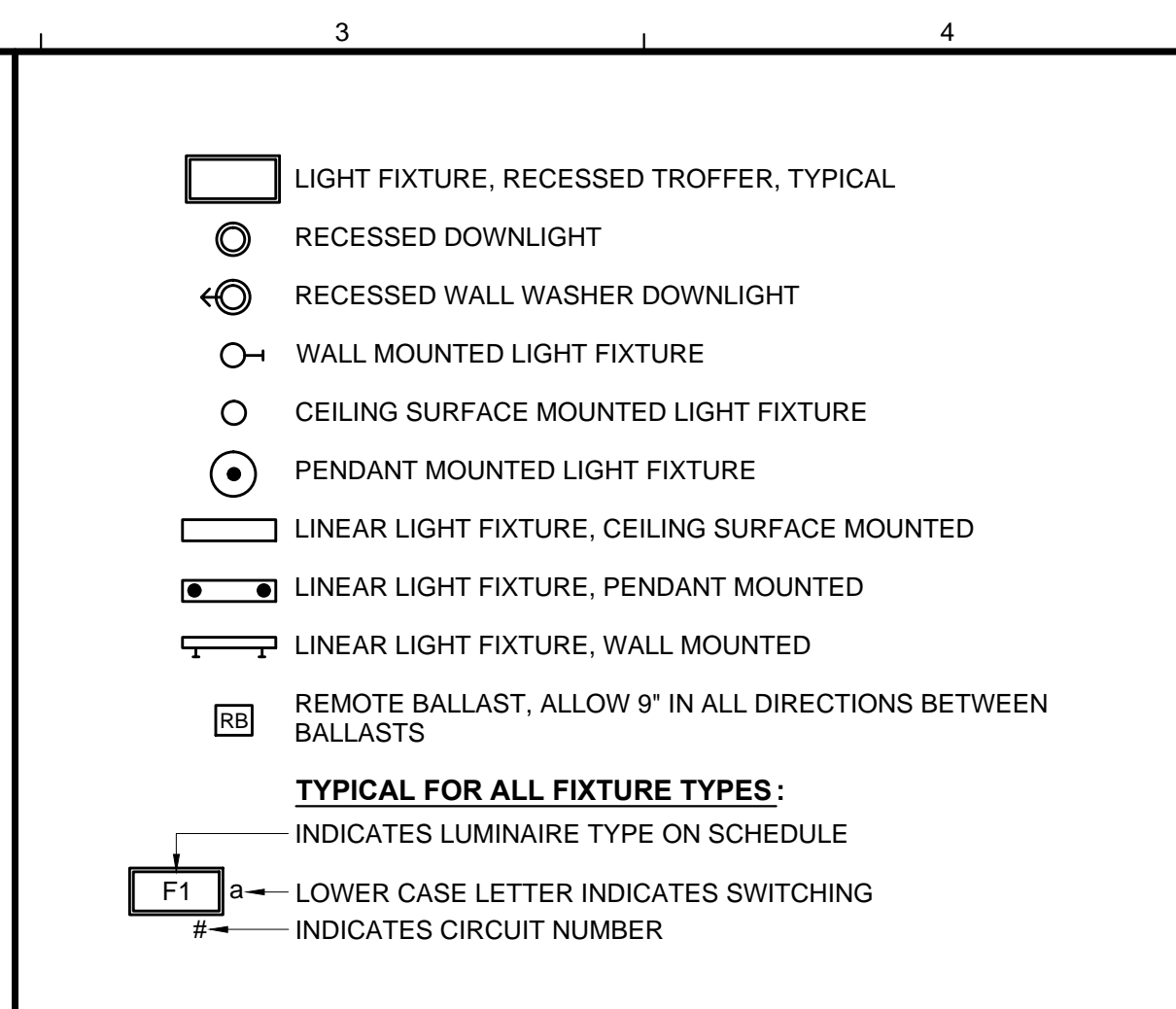


A	AMPERE	MC	MICROPHONE
AC	ALTERNATING CURRENT	MICRO	MICROWAVE
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUG ONLY MOUNT
AFG	ABOVE FINISHED GRADE	MT	MOUNT
AHU	AIR HANDLING UNIT	MTS	MANUAL TRANSFER SWITCH
AIC	AMPERES INTERRUPTING CAPACITY	MCP	MOTOR CONTROL PANEL
ATS	AUTOMATIC TRANSFER SWITCH	MH	METAL HALIDE
AWG	AMERICAN WIRE GAUGE	MDP	MAIN DISTRIBUTION PANEL
BAS	BUILDING AUTOMATION SYSTEM	MIN	MINIMUM
BKBD	BACKBOARD	N	NEUTRAL
C	CONDUIT	NC	NORMALLY CLOSED
CAT	CATALOG, CATEGORY	NEC	NATIONAL ELECTRICAL CODE
CATV	CABLE TV	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CB	CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CCTV	CLOSED CIRCUIT TELEVISION	NIC	NOT IN CONTRACT
CM	CIRCULAR MILS	NF	NON-FUSED
COMM	COMMUNICATIONS	NO	NORMALLY OPEN
CU	MECH CONDENSING UNIT	NO., #	NUMBER
CU	COPPER	NTS	NOT TO SCALE
CUH	CABINET UNIT HEATER	OC	ON CENTER
DC	DIRECT CURRENT	OCC	OCCUPANCY
DDC	DIGITAL DIRECT CONTROL	OH	OVERHEAD
DN	DOWN	P	POLE
DW	DISHWASHER	PA	PUBLIC ADDRESS
DWG	DRAWING	PH.	PHASE
EF	EXHAUST FAN	PIR	PASSIVE INFRARED
ELEV	ELEVATOR	PNL	PANELBOARD
EMT	ELECTRICAL METALLIC TUBING	P/O	PART OF
EP	EXPLOSION PROOF	PV	PHOTOVOLTAIC
ERU	ENERGY RECOVERY UNIT	PVC	POLY-VINYL CHLORIDE
EWC	ELECTRIC WATER COOLER	REC.	RECEPTACLE
FACP	FIRE ALARM CONTROL PANEL	REF	REFRIGERATOR RECEPT
FB	FLOOR BOX	RF	RETURN FAN
FLA	FULL LOAD AMPS	RGS	RIGID GALVANIZED STEEL
FWE	FURNISHED WITH EQUIPMENT	RM	ROOM
G, GND	GROUND	RMC	RIGID METAL CONDUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	RTU	ROOFTOP UNIT
GFP	GROUND FAULT PROTECTION	REF	REFRIGERATOR
HID	HIGH INTENSITY DISCHARGE	SF	SUPPLY FAN
HOA	HAND-OFF-AUTO SELECTOR SWITCH	SPDT	SINGLE POLE, DOUBLE THROW
HP	HORSEPOWER	SQ	SQUARE
HVAC	HEATING, VENTILATION AND COOLING UNIT	TEL	TELEPHONE
IDS	INTRUSION DETECTION SYSTEM	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
IG	ISOLATED GROUND	TYP	TYPICAL
IMC	INTERMEDIATE METAL CONDUIT	UF	UNDER FLOOR
IR	INFRARED	UG	UNDERGROUND
K	KILO	UH	UNIT HEATER
KCML	KILO CIRCULAR MILS	UL	UNDERWRITER'S LABORATORY
KW	KILOWATT	UNO	UNLESS NOTED OTHERWISE
KVA	KILO VOLT-AMPS	UPS	UNINTERRUPTIBLE POWER SUPPLY
LAN	LOCAL AREA NETWORK	V	VOLTS
LC	LIGHTING CONTACTOR	VFD	VARIABLE FREQUENCY DRIVE
LF	LINEAR FEET	W	WATT
LC	LOADCENTER	WP	WEATHERPROOF
LCP	LIGHTING CONTROL PANEL	WG	WIREGUARD
LED	LIGHT EMITTING DIODE	XFMR	TRANSFORMER
LTG	LIGHTING		
LTS	LIGHTS	(E)	EXISTING ITEM TO REMAIN
MAX	MAXIMUM	(R)	REMOVE ITEM AND DISPOSE OF PROPERLY
MCB	MAIN CIRCUIT BREAKER	(ER)	RELOCATED ITEM AT NEW LOCATION
MECH	MECHANICAL	(RL)	REMOVE AND RELOCATE
MH	MOUNTING HEIGHT		

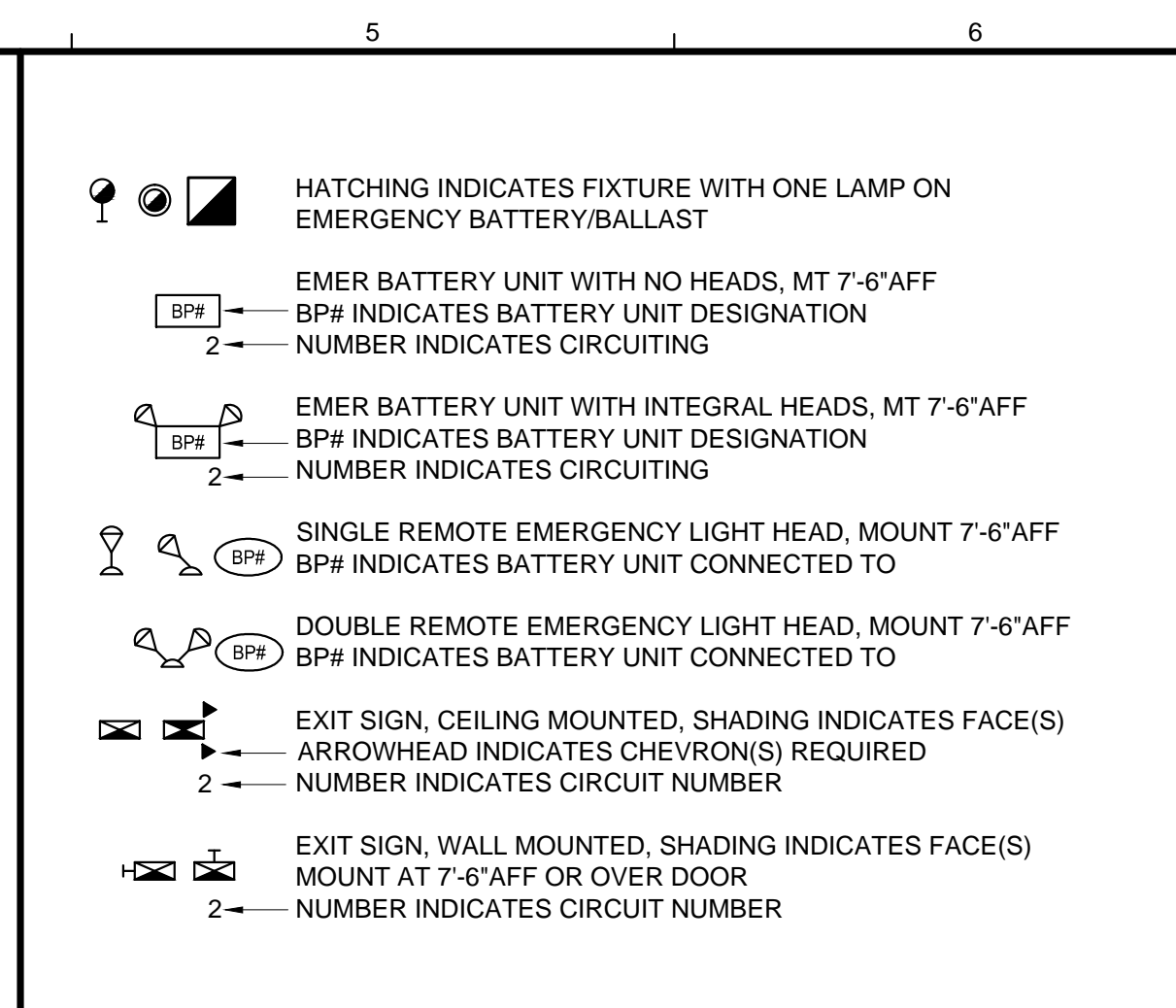


F3	LUMINAIRES
NO SCALE	
	DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, NEMA 5-20R
	DOUBLE DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, HATCH INDICATES CONNECTION TO XXX
	GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
	GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
	GFCI RECEPTACLE WITH WEATHERPROOF COVER
	GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF
	MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT 48" AFF UNO
NOTES:	
1. MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO	
2. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO	

F3	RECEPTACLES
NO SCALE	
	CLOCK OUTLET WITH HOOK - CONNECT TO NEAREST 120V CIRCUIT
	LARGE CLOCK
	SPEAKER, CEILING MOUNTED - WIRING TO INTERCOM SYSTEM BY OTHERS
	SPEAKER - WALL MOUNTED
	SPEAKER - HIGH OUTPUT - CEILING MOUNTED
	LARGE SPEAKER
	INTERCOM

C3	CLOCKS AND SPEAKERS (PA)
NO SCALE	
1. BRANCH CIRCUIT WIRING NOT SHOWN. WIRE AND CONNECT ELECTRICAL ITEMS TO CIRCUITS INDICATED.	
2. DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 26 AND OTHER DIVISIONS. THESE DRAWINGS ARE NOT INTENDED TO INDICATE ALL ITEMS TO BE REMOVED.	
3. DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS.	
4. THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.	
5. COORDINATE ALL WORK WITH OTHER DIVISIONS AND THE OWNER.	
6. VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN	
7. POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMED BY DIVISION 26. ALL CONTROL WIRING OPERATING AT LESS THAN 120 VOLTS FOR MECHANICAL EQUIPMENT SHALL BE BY DIVISION 23.	
8. NO WIRING THAT BECOMES UNUSED AS PART OF THIS PROJECT SHALL BE ABANDONED IN PLACE.	

A1	ABBREVIATIONS
NO SCALE	

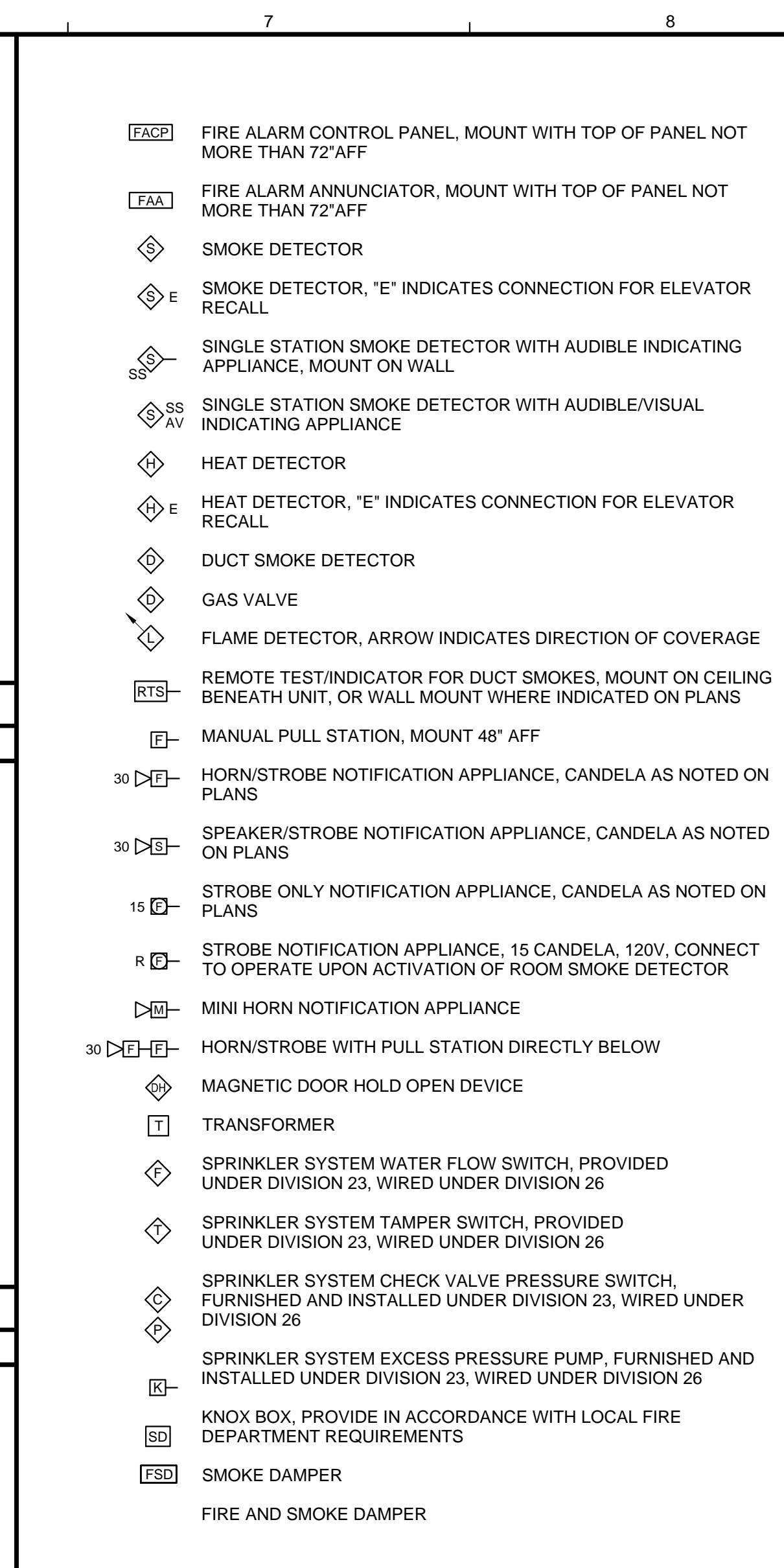


F5	EMERGENCY LUMINAIRES
NO SCALE	
	20A, 125V, 2P, 3W, NEMA 5-20R
	20A, 125V, 2P, 3W, NEMA L5-20R (TWISTLOCK)
	30A DRYER RECEPTACLE - 125/250V, 3P, 4W, GROUNDING, NEMA 14-30R, (3)#10+(1)#10G TO 30A, 2P CIRCUIT BREAKER
	30A, 250V, 2P, 3W, NEMA 6-30R
	50A RANGE RECEPTACLE - 125/250V, 3P, 4W, GROUNDING, NEMA 14-50R, (3)#6+(1)#10 TO 50A, 2P CIRCUIT BREAKER
NOTE:	
PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES	

F5	SINGLE RECEPTACLES
NO SCALE	
NOTE	
SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY INDICATE THEIR INCORPORATION INTO THE DESIGN	
	LOCAL SOUND EQUIPMENT
	MICROPHONE JACK OUTLET
	LOCAL SOUND SYSTEM LARGE SPEAKER
	LOCAL SOUND SYSTEM SPEAKER

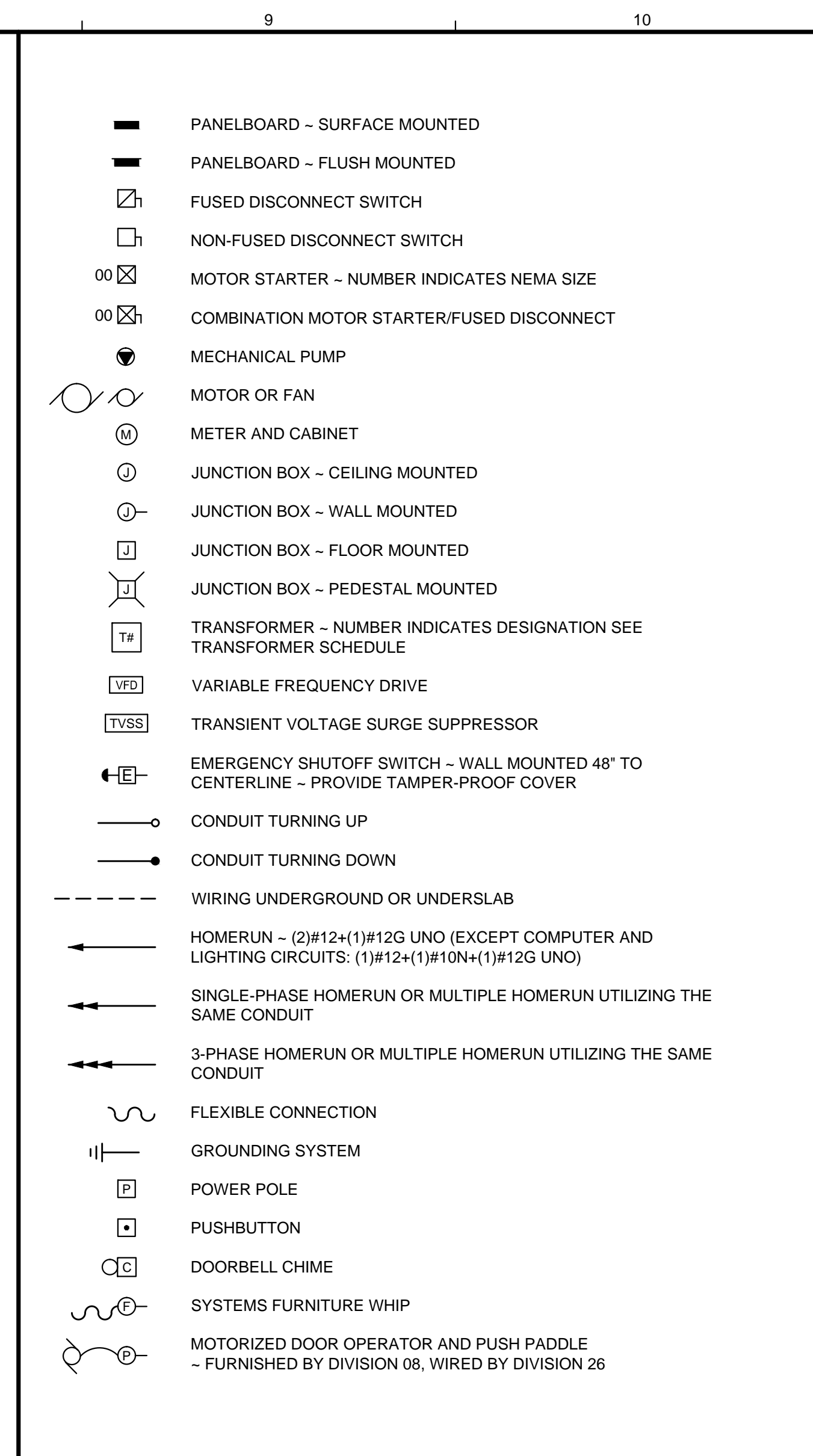
C5	LOCAL SOUND SYSTEM
NO SCALE	
	TELEPHONE WALL OUTLET, 44" AFF UNO WITH 1" C UP TO ACCESSIBLE CORRIDOR CEILING SPACE
	TELEPHONE OUTLET FOR ELEVATOR CONNECTION
	TELEPHONE OUTLET, 18" AFF UNO
	TEL/DATA OUTLET, 18" AFF UNO, WITH 1" C UP TO ACCESSIBLE CORRIDOR CEILING SPACE
	DATA OUTLET, 18" AFF UNO
	WIRELESS ACCESS POINT CEILING MOUNTED
	WIRELESS ACCESS POINT WALL MOUNTED
1. PROVIDE BOXES, RACKS, ETC. WHERE INDICATED OR NEEDED	
2. IN AREAS WITHOUT CEILINGS, CONDUIT PROVIDED TO NEAREST ACCESSIBLE CORRIDOR CEILING - 1" CONDUIT TO SINGLE GANG BOXES, 1 1/4" CONDUIT TO DOUBLE GANG BOXES.	

A5	TECHNOLOGY
NO SCALE	



D7	FIRE ALARM SYSTEM
NO SCALE	
	LIGHT SWITCH, 20A, 125/277V
	THREE-WAY LIGHT SWITCH
	FOUR-WAY LIGHT SWITCH
	TWO-POLE SWITCH
	KEY OPERATED SWITCH
	MOTOR RATED SWITCH
	SINGLE POLE SWITCH WITH RED PILOT LIGHT - RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED
	MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, LETTER INDICATES SWITCHING
	OCCUPANCY SENSOR SWITCH, WALL MOUNTED
	OCCUPANCY SENSOR, CEILING MOUNTED
	OCCUPANCY SENSOR, WALL MOUNTED
	0-10V DIMMER SWITCH
	FLUORESCENT DIMMER SWITCH
	HANDICAP SWITCHES FOR HOOD LIGHT AND FAN
	TIMER SWITCH, 60 MINUTES
	LOW VOLTAGE LIGHT SWITCH, MOMENTARY CONTACT
	LIGHTING TIME CLOCK
	LIGHTING CONTACTOR
	LIGHTING CONTROL PANEL
	PHOTOCELL
NOTES:	
1. MOUNT LIGHT SWITCHES WITH CENTERLINE 48" AFF, UNO	
2. LOWER CASE LETTER AT SWITCH INDICATES SWITCHING	

A7	LIGHT SWITCHES
NO SCALE	



D9	POWER DISTRIBUTION
NO SCALE	
	DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
	DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
	JUNCTION BOX, MOUNT IN FLUSH FLOOR BOX
	EMPTY FLUSH FLOOR BOX
	DUPLEX RECEPTACLE, PEDESTAL MOUNTED
	SINGLE RECEPTACLE, PEDESTAL MOUNTED
	JUNCTION BOX, PEDESTAL MOUNTED
	DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
	DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
	DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
	DOUBLE DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
	DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE SCHEDULE FOR TYPE
	JUNCTION BOX, FLUSH MOUNTED IN CEILING
	OVERHEAD RECEPTACLE DROP, DUPLEX
	OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX
	OVERHEAD RECEPTACLE DROP, GFCI

A9	FLOOR AND CEILING DEVICES
NO SCALE	

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Minor Interior Renovations at 196 Allen Avenue for
Casco Bay High School 196 Allen Avenue,
Portland Maine

NORTH

JOB NO.
14036

DRWN. CHK
GMC KN

SCALE:
As indicated

ISSUE STATUS
CONSTRUCTION

ISSUE DATE
APRIL 18, 2014

TITLE
ELECTRICAL
LEGENDS, ABBREVIATIONS,
AND GENERAL NOTES

SHEET
E-000

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