

EXPLOSION PROOF

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0 Lumbu SCALE

POWER SYMBOLS

20 AMPERE, 120 VOLT DUPLEX

GFCI RECEPTACLE, +18" AFF

NEMA DESIGNATION AS NOTED

POWER POLE CONNECTION TO

MODULAR FURNITURE WHIP

AMPERE RATING AS NOTED

CONDUIT INSTALLED IN SLAB

UNFUSED SAFETY SWITCH,

OTHER POWER RECEPTACLE

MOTOR

JUNCTION BOX

TRANSFORMER

CIRCUIT BREAKER

ELECTRICAL PANEL

FLOOR RECEPTACLE

RATING AS NOTED

AMPERES

FUSED SAFETY SWITCH,

NEMA RATING

RATING AS NOTED

MOTOR STARTER

MAGNETIC MOTOR STARTER.

MANUAL TOGGLE OPERATED

SMOKE DAMPER TOGGLE

ELECTRIC ACTUATED VALVE

CONTACT NORMALLY OPEN

CONTACT NORMALLY CLOSED

MOTOR CONTACTOR

SELECTOR SWITCH

PILOT LIGHT

TEMPERATURE SWITCH

—— POLES

XXAT T FRAMESIZE

----- FUSE/TRIP

 $\Box_{200/3}$

SIZED AS NOTED

FIRE ALARM SYMBOLS CIRCUIT BREAKER PULL STATION FIRE ALARM AUDIBLE/VISIBLE GROUND CONNECTION NOTIFICATION APPLIANCE (GENERAL EVACUATION) HOME RUN TO PANEL STROBE UNIT XX= CANDELA (CKT. NO. AS SHOWN) NON-SYSTEM STROBE UNIT 120V\\\$/ **TRANSFORMER** MINI HORN UNIT CURRENT TRANSFORMER SMOKE DETECTOR FIXED TEMP HEAT DETECTOR (135F OR 200F) POTENTIAL TRANSFORMER FIRE ALARM CONTROL PANEL 20 AMPERE, 120 VOLT DUPLEX RECEPTACLE, +18" AFF 20 AMPERE, 120 VOLT DOUBLE **ANNUNCIATOR** DUPLEX RECEPTACLE, +18" AFF MASTER BOX 20 AMPERE, 120 VOLT SINGLE RECEPTACLE

DIGITAL COMMUNICATOR DUCT SMOKE DETECTOR

REMOTE TEST STATION SPRINKLER TAMPER SWITCH SPRINKLER FLOW SWITCH

SPRINKLER PRESSURE SWITCH ММ MONITOR MODULE СМ CONTROL MODULE

NON-SYSTEM SMOKE DETECTOR 120V\$ STR = DENOTES INTEGRAL STROBE FOR H/C UNITS

SIGNAL POWER EXTENDER

RED MASTER BOX LIGHT KNOX BOX, FBO EXT HOOD EXT SYSTEM DH DOOR HOLDER

FCPS

SYSTEMS SYMBOLS

TELEPHONE SYSTEM WALL JACK COMBINATION VOICE/DATA SYSTEM OUTLET

COMBINATION VOICE/DATA SYSTEM OUTLET IN FLOOR BOX. FURNISH 1" CONDUIT IN SLAB

CEILING MOUNTED JACK FOR WIRELESS ACCESS POINT. WAP CATV JACK

SECURITY SYSTEM DOOR SWITCH ELECTRIC DOOR LOCK SET

SECURITY SYSTEM CARD ACCESS PAD

INTERCOM SYSTEM SPEAKER INTERCOM MASTER STATION

CABLE TRAY PUSH BUTTON

DOOR BELL

CARD READER CAMERA

-4D = 4 CAMERA DOME

LIGHTING SYMBOLS

LIGHT FIXTURE LIGHT FIXTURE W/ EMERGENCY BATTERY **BALLAST**

> WALL MOUNTED LIGHT FIXTURE

> > 0

PENDANT MOUNTED LIGHT FIXTURE

STRIP/WRAP LIGHT FIXTURE

EXTERIOR WALL-PACK ROUND RECESSED CEILING MOUNTED FIXTURE

SURFACE MOUNTED FIXTURE

WALL MOUNTED LIGHTING FIXTURE

TRACK LIGHTING FIXTURE (TRACK MOUNTED FIXTURE TYPE MAY VARY)

WALL SCONCE

EMERGENCY LED EXIT SIGN

COMBINATION EMERGENCY EXIT SIGN & LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER

EMERGENCY LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER

REMOTE EMERGENCY LIGHTING LAMP HEAD

Sp d LIGHT SWITCH DENOTES FIXTURE SWITCHED ----- P = PILOT LIGHT (WHERE NOTED) 3 = 3 - WAY (WHERE NOTED)4 = 4 - WAY (WHERE NOTED)

ULTRASONIC/INFRARED OCCUPANCY SENSOR - C = CEILING MOUNTED W = WALL MOUNTED48" AFF (TO TOP)

TIME CLOCK

LIGHTING CONTACTOR

PC **PHOTOCELL**

LC

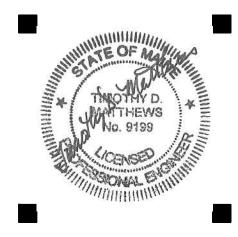
GENERAL NOTES

- 1. ALL WORK SHALL BE IN COMPLIANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE.
- 2. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE FURNISHED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- 3. UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18 INCHES AFF AND LIGHTING TOGGLE SWITCHES 48 INCHES AFF.
- 4. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH A UL APPROVED FIRE SEALANT METERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
- 5. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE, 120 VOLT, SIDE WIRED AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- 6. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE UNLESS SHOWN OTHERWISE, GROUNDING TYPE, NEMA 5-20R, SIDE WIRED, AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- 7. DEVICE COVERPLATES SHALL BE THERMOPLASTIC NYLON TYPE WITH IVORY FINISH IN ALL FINISHED SPACES. MECHANICAL ROOMS, ELECTRICAL ROOM, AND UTILITY ROOMS SHALL BE FURNISHED WITH BRUSHED STAINLESS STEEL COVERPLATES.
- 8. UNLESS OTHERWISE NOTED ALL HOMERUNS FOR 15 OR 20A CIRCUITS SHALL BE 2#12AWG & #12 GND. HOMERUNS FED FROM 20A, 1P CIRCUITS IN EXCESS OF 100 FEET (FOR 120V CIRCUITS) SHALL BE #10AWG. ALL WIRING SHALL BE COPPER.
- 9. CONDUIT SYSTEMS: EXPOSED INTERIOR CONDUITS SHALL BE EMT, 3/4" MINIMUM. PROPERLY SUPPORTED MC CABLE ASSEMBLIES MAY BE USED ABOVE CEILINGS AND IN WALLS. FLEXIBLE LIQUIDTIGHT CONDUIT WHIPS SHALL BE USED FOR CONNECTION TO VIBRATING EQUIPMENT IN THE MECHANICAL ROOM.
- 10. REMOVE ALL EXISTING RECEPTACLES AND LIGHTING FIXTURES AND REMOVE WIRING BACK TO PANEL.



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PERMIT SET

NOT FOR CONSTRUCTION

NEWPORT DEVELOPMENT ASSOCIATES

164 Middle St Portland, Maine

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Date Issued September 9th, 2016 16202 Project Number

AS NOTED Drawing Scale

> **ELECTRICAL** LEGEND

Drawn By

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