DEMOLITION NOTES

1. REFER TO THIS DRAWING FOR LEGEND, SYMBOLS AND GENERAL NOTES.

2. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FULL EXTENT OF THE SCOPE OF DEMOLITION. DISCONNECT AND MAKE SAFE ALL ELECTRICAL EQUIPMENT IDENTIFIED FOR REMOVAL ON THE HVAC, PLUMBING AND FIRE PROTECTION PLANS. THE ELECTRICAL SCOPE MAY EXTEND BEYOND THE AREA DEFINED BY THE ARCHITECTURAL DEMOLITION LIMITS TO FULLY COMPLY WITH VARIOUS REQUIREMENTS DEFINED BY THESE NOTES.

3. THE ELECTRICAL PLANS AND DETAILS INDICATE THE GENERAL INTENT AND ARE NOT INTENDED TO SHOW ALL ITEMS TO BE REMOVED OR RETAINED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE SUBMISSION OF BIDS TO BECOME FAMILIAR WITH THE ACTUAL CONDITIONS AND EXTENT OF WORK. DEVICES AND EQUIPMENT LOCATED ON WALLS AND/OR CEILINGS TO BE REMOVED SHALL BE DISCONNECTED AND MADE SAFE. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY UNANTICIPATED HIDDEN CONDITIONS ENCOUNTERED DURING DEMOLITION.

4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL SYSTEMS OR BUILDING COMPONENTS DAMAGED DURING THE EXECUTION OF THE WORK. DAMAGE SHALL INCLUDE BUT NOT BE LIMITED TO DESTRUCTION OR DISPOSAL OF ITEMS INTENDED TO REMAIN OR TO BE SALVAGED.

5. THE ELECTRICAL CONTRACTOR SHALL CIRCUIT TRACE AND LABEL ALL EXISTING BRANCH CIRCUITS AND FEEDERS WITHIN THE AREA OF DEMOLITION SCOPE PRIOR TO DE-ENERGIZING AND DISCONNECTION. ALL CIRCUITS WITHIN PANELBOARDS IDENTIFIED FOR REMOVAL SHALL BE TRACED AND LABELED TO ENSURE THAT NO AREA OUTSIDE THE DEMOLITION SCOPE LIMIT IS AFFECTED.

6. THE ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL BRANCH CIRCUITS, FEEDERS AND SYSTEM COMPONENTS, WHICH ARE TO REMAIN WITHIN THE AREA OF DEMOLITION SCOPE. THERE SHALL BE NO INTERRUPTION OF SERVICE TO ANY AREA OUTSIDE THE SCOPE LIMITS WITHOUT APPROVAL FROM THE OWNER'S REPRESENTATIVE. EXISTING EQUIPMENT TO REMAIN SHALL BE LEFT IN A CODE COMPLIANT MANNER.

7. THE ELECTRICAL CONTRACTOR SHALL DE-ENERGIZE AND REMOVE ALL CONDUCTORS AND RACEWAYS TO THEIR POINTS OF ORIGIN WITHIN THE AREA OF DEMOLITION SCOPE. ITEMS IDENTIFIED FOR DEMOLITION SHALL NOT BE ABANDONED IN PLACE. RACEWAYS THAT ENTER MASONRY WALLS AND FLOORS SHALL BE CUT FLUSH AT THE SURFACE FOR PATCHING BY OTHERS, ALL CIRCUIT BREAKERS ASSOCIATED WITH THE DEMOLITION SCOPE SHALL BE DE-ENERGIZED AND LABELED SPARE.

8. THE ELECTRICAL CONTRACTOR SHALL TEMPORARILY SUPPORT ALL ITEMS TO REMAIN THAT ARE AFFECTED BY THE DEMOLITION OF BUILDING STRUCTURAL COMPONENTS (WALLS, CEILINGS, ETC.). TEMPORARILY SUPPORTED ITEMS SHALL BE PERMANENTLY SUPPORTED AND INSTALLED WHÉN FINALIZED STRUCTURES ARE IN PLACE.

9. ALL REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF UNLESS IDENTIFIED FOR REUSE. THE OWNER'S REPRESENTATIVE SHALL INSPECT ALL RETAINED ITEMS PRIOR TO PLACEMENT IN THE IDENTIFIED STORAGE LOCATION BY THE ELECTRICAL CONTRACTOR.

10. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY FUNCTIONAL DURING THE ENTIRE DEMOLITION AND CONSTRUCTION PERIOD. REUSE OF EXISTING FIRE ALARM SYSTEM RACEWAYS SHALL NOT BE ALLOWED. ALL REQUIRED SYSTEM SHUTDOWNS SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND THE AUTHORITY HAVING JURISDICTION. DEMOLITION OF THE EXISTING SYSTEM SHALL NOT COMMENCE UNTIL THE NEW SYSTEM HAS BEEN COMPLETELY INSTALLED, TESTED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

11. ALL DEMOLITION SCOPE ASSOCIATED WITH LOW VOLTAGE SYSTEMS INCLUDING BUT NOT LIMITED TO TELEPHONE, DATA, SECURITY, PAGING, CCTV, ETC. SHALL BE INCLUDED IN THIS CONTRACT.

12. REMOVED FLUORESCENT AND HID LAMPS AND BATTERIES SHALL BE RECYCLED BY A FACILITY APPROVED BY THE OWNER'S REPRESENTATIVE. A UNIFORM HAZARDOUS WASTE MANIFEST SHALL BE PREPARED FOR ALL DISPOSALS AND RETURNED WITH ALL APPLICABLE SIGN OFF'S PRIOR TO APPLICATION FOR FINAL PAYMENT.

13. ALL BALLAST IN LIGHTING FIXTURES TO BE DISPOSED SHALL BE VERIFIED TO BE PCB FREE. ALL BALLAST MANUFACTURED PRIOR TO 1979 AND NOT LABELED AS PCB FREE SHALL BE CONSIDERED TO CONTAIN PCBs. PROVIDE WRITTEN VERIFICATION TO THE OWNER'S REPRESENTATIVE THAT CONFIRMS PCB FREE WASTE. WHERE PCB FREE WASTE CANNOT BE VERIFIED, BALLAST SHALL BE RECYCLED BY A FACILITY APPROVED BY THE OWNER'S REPRESENTATIVE, WITH PCB COMPONENTS ELIMINATED BY A HIGH TEMPERATURE INCINERATION. A UNIFORM HAZARDOUS WASTE MANIFEST SHALL BE PREPARED FOR ALL DISPOSALS AND RETURNED WITH ALL APPLICABLE SIGN OFF'S PRIOR TO APPLICATION FOR FINAL PAYMENT. ALL HANDLING SHALL CONFORM TO EPA REQUIREMENTS. PROVIDE BREAKOUT COST FOR THIS SCOPE.

SECURITY LEGEND

CARD READER

MOTION DETECTOR, WALL MOUNTED

MOTION DETECTOR, CEILING MOUNTED

ELECTRIC DOOR STRIKE

SECURITY MAGNETIC LOCK

DOOR CONTACT

PUSH TO EXIT - MAGNETIC LOCK OVERRIDE

THE ELECTRICAL CONTRACTOR SHALL PROVIDE OUTLET BOXES, PULLSTRINGS AND ? EMPTY CONDUIT ONLY. CABLING AND PROGRAMMING BY OTHERS. COORDINATE ALL SYSTEM COMPONENTS AND MOUNTING REQUIREMENTS WITH THE ARCHITECT AND SECURITY VENDOR.

POWER DISTRIBUTION

208Y/120 VOLT PANELBOARD, SURFACE MOUNTED, REFER TO SCHEDULE OF PANELBOARDS

EXISTING EQUIPMENT LEGEND

EXISTING EQUIPMENT TO REMAIN

EXISTING EQUIPMENT TO BE REMOVED

EXISTING EQUIPMENT TO BE RELOCATED AND

BRANCH/FEEDER EXTENDED TO NEW LOCATION

EXISTING EQUIPMENT RELOCATED TO NEW LOCATION. EXTEND BRANCH/FEEDER AS REQUIRED OR RECIRCUIT AS

EXISTING EQUIPMENT TO BE REWORKED. REFER TO PLANS FOR ADDITIONAL INFORMATION.

EXISTING EQUIPMENT FOR INFORMATION ONLY-INDICATED BY SYMBOL WITH LIGHT AND OUT OF FUNCTION LINE TYPE

EXISTING EQUIPMENT TO BE REWORKED-INDICATED BY SYMBOL WITH DASHED AND IN FUNCTION LINE TYPE -----

LEGEND NOTES:

1. REFER TO SPECIFICATIONS, ARCHITECTURAL DRAWINGS, APPLICABLE SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION ASSOCIATED WITH EACH DEVICE ILLUSTRATED ON

2. SUBSCRIPTS ILLUSTRATED ON THE LEGEND WITH ONE SYMBOL ONLY TO MINIMIZE SPACE. ANY SUBSCRIPT INDICATED WITHIN A LEGEND FAMILY MAY BE APPLIED TO A CORRESPONDING SYMBOL.

4. ELECTRICAL CONTRACTOR SHALL VISIT SITE TO CONFIRM ALL EXISTING CONDITIONS.

3. ABBREVIATIONS SUCH AS "WP" MAY BE APPLIED TO ANY SYMBOL.

BRANCH CIRCUIT & FEEDER LEGEND

BRANCH CIRCUIT OR FEEDER CONCEALED IN FINISHED AREAS BRANCH CIRCUIT OR FEEDER, CONCEALED IN OR UNDER FLOOR SLAB

____ BRANCH CIRCUIT OR FEEDER TURNING UP TOWARDS OBSERVER

BRANCH CIRCUIT OR FEEDER TURNING DOWN AWAY FROM OBSERVER

CONDUIT STUBBED ABOVE CEILING

R22A-1,3,5

CA

CKT

KVA

KW

KWH

KILOWATT-HOURS

BRANCH CIRCUIT HOME RUN TICKS INDICATE QUANTITY OF CONDUCTORS, GROUND CONDUCTORS ARE NOT INDICATED. NO TICKS INDICATES 2#12 & 1#12G IN 3/4"C MINIMUM. R22A-1,3,5 INDICATES PANEL AND CIRCUIT DESIGNATION FROM WHICH HOMERUN SHALL ORIGINATE. EACH CIRCUIT SHALL

BE 20A-1P (20AMP SINGLE POLE) UNLESS NOTED OTHERWISE.

FLEXIBLE CONNECTION TO EQUIPMENT. RACEWAY AND CONDUCTOR RATING \sim TO MATCH ASSOCIATED BRANCH CIRCUIT OR FEEDER

ABBREVIATIONS

A/AMP MCB MAIN CIRCUIT BREAKER ALTERNATING CURRENT AMERICANS WITH DISABILITIES ACT MASSACHUSSETTS ELECTRIC CODE M/G MOTOR/GENERATOR SET AMPERE FRAME ABOVE FINISHED FLOOR AMPERE INTERRUPTING CAPACITY MLO MAIN LUGS ONLY MTD MOUNTED ALUMINUM AMPERE TRIP MOUNTING AUTOMATIC TRANSFER SWITCH NORMALLY CLOSED CONTACT NATIONAL ELECTRIC CODE AWG AMERICAN WIRE GAUGE

CONDUIT NOT IN CONSTRUCTION NORMALLY OPEN CONTACT **CABLE**

NTS NOT TO SCALE CATV CABLE TELEVISION NUMBER CIRCUIT BREAKER OPD OVER CURRENT PROTECTION DEVICE CIRCUIT PROVIDED UNDER OTHER SECTIONS

CPU CENTRAL PROCESSING UNIT PVC POLYVINYL CHLORIDE POWER **CENTERLINE** RIGID GALVANIZED STEEL DECIBEL

DIRECT CURRENT ROOT MEAN SQUARE VALUE RPM REVOLUTIONS PER MINUTE DWG DRAWING **ELECTRICAL CONTRACTOR** SOLID NEUTRAL ELECTRIC METALLIC TUBING STP SHIELDED TWISTED-PAIR

FDR SWBD SWITCHBOARD FLEXIBLE LIQUID TIGHT METALLIC TUBING FLMT TB TERMINAL BLOCK TEL TELEPHONE FREQ **FREQUENCY**

GEC GROUNDING ELECTRODE CONDUCTOR TERM TERMINAL GROUND FAULT INTERRUPTING TVSS TRANSIENT VOLTAGE SURGE GND GROUND SUPPRESSER

HORSEPOWER TYP TYPICAL HEATING, VENTILATING UG UNDERGROUND AND AIR CONDITIONING U.O.N. UNLESS OTHERWISE NOTED HERTZ

UPS UNINTERRUPTIBLE POWER SUPPLY ISOLATED GROUND UNSHIELDED TWISTED-PAIK JUNCTION BOX VOLTS KILOVOLT-AMPERE VOLT-AMPERE KILOWATT

WATTS WP WEATHERPROOF

WIRING DEVICE LEGEND

DUPLEX RECEPTACLE, GROUNDING TYPE, RATED 20A, 125V "5"- INDICATES CIRCUIT NUMBER "GFI"- INDICATES INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER

WALL MOUNTED BOX FOR POWER CONNECTION TO PRE-WIRED

FLOOR MOUNTED BOX WITH 120V DOUBLE DUPLEX RECEPTACLE,

SWITCH LEGEND

SINGLE POLE SWITCH, RATED 20A, 120/277V. "a" LOWER CASE LETTER INDICATES FIXTURE SWITCH CONTROL

OCCUPANCY SENSOR, RECESS WALL MOUNTED "01" INDICATES SINGLE CIRCUIT OUTPUT - SENSORSWITCH #WSD-PDT-W. SET TIME DELAY TO 30 MIN. DURING INSTALLATION. PROVIDE BLACK-OUT TAPE TO LIMIT VIEW FROM OFFICE SIDELIGHTS WERE REQUIRED.

OCCUPANCY SENSOR, CEILING MOUNTED W/360' FIELD OF VIEW, SENSORSWITCH #CM-PDT-10. SET TIME DELAY TO 20 MIN. DURING INSTALLATION. PROVIDE SENSORSWITCH POWER PACK AND SLAVE PACK AS REQUIRED.

COMMUNICATIONS LEGEND

TEL/DATA OUTLET

WALL MOUNTED BOX FOR TEL/DATA CONNECTION TO PRE-WIRED FURNITURE PARTITIONS - PROVIDE FLEXIBLE EMPTY CONDUIT WITH PULLSTRING. COORDINATE ACTUAL RACEWAY SIZE WITH COMMUNICATION

THE ELECTRICAL CONTRACTOR SHALL PROVIDE BACKBOX AND 1"C WITH PULL STRING UP NEAREST WALL TO ABOVE ACCESSIBLE CEILING TO TELEPHONE BACKBOARD. CABLING AND PROGRAMMING BY OTHERS. COORDINATE ALL SYSTEM COMPONENTS AND MOUNTING REQUIREMENTS WITH THE ARCHITECT AND COMMUNICATION VENDOR.

"FR2" - INDICATES LIGHTING FIXTURE TYPE "2" - INDICATES CIRCUIT NUMBER "a" - INDICATES SWITCH CONTROL

LIGHTING FIXTURE

EXIT SIGN LIGHTING FIXTURE, CEILING, PENDENT MOUNTED, ARROWS AND EXIT FACE (SHADED) AS INDICATED. CONNECT TO THE EXISTING CIRCUITS NORMAL AND EMERGENCY.

"C" - INDICATES COUNTER HEIGHT

DOUBLE DUPLEX RECEPTACLE, GROUNDING TYPE, RATED 20A, 125V

JUNCTION BOX

FURNITURE PARTITIONS.

TEL/DATA OUTLET, & A/V CONNECTIONS WITH 2-1"C. TO TERMINATE ABOVE ACCESSIBLE CEILING SPACE. FLOOR BOX SELECTION BY

THREE WAY SWITCH, RATED 20A, 120/277V

TELEPHONE OUTLET

VENDOR PRIOR TO INSTALLATION.

LIGHTING FIXTURE LEGEND

LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE)

"NL"- INDICATES NIGHT LIGHT (UNSWITCHED) CIRCUIT

REMOTE EMERGENCY LIGHTING HEADS 12 VOLT SYSTEM

Checked by:

ELECTRICAL LEGEND, NOTES

& ABBREVIATIONS

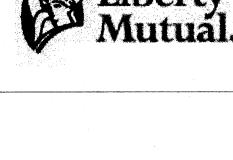
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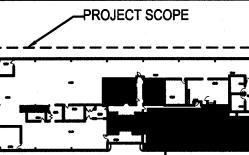
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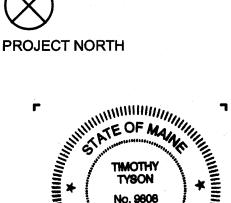


56 NORTHPORT DRIVE (1361 WASHINGTON AVENUE) PORTLAND, ME











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12/23/08

Description

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ISSUANCES