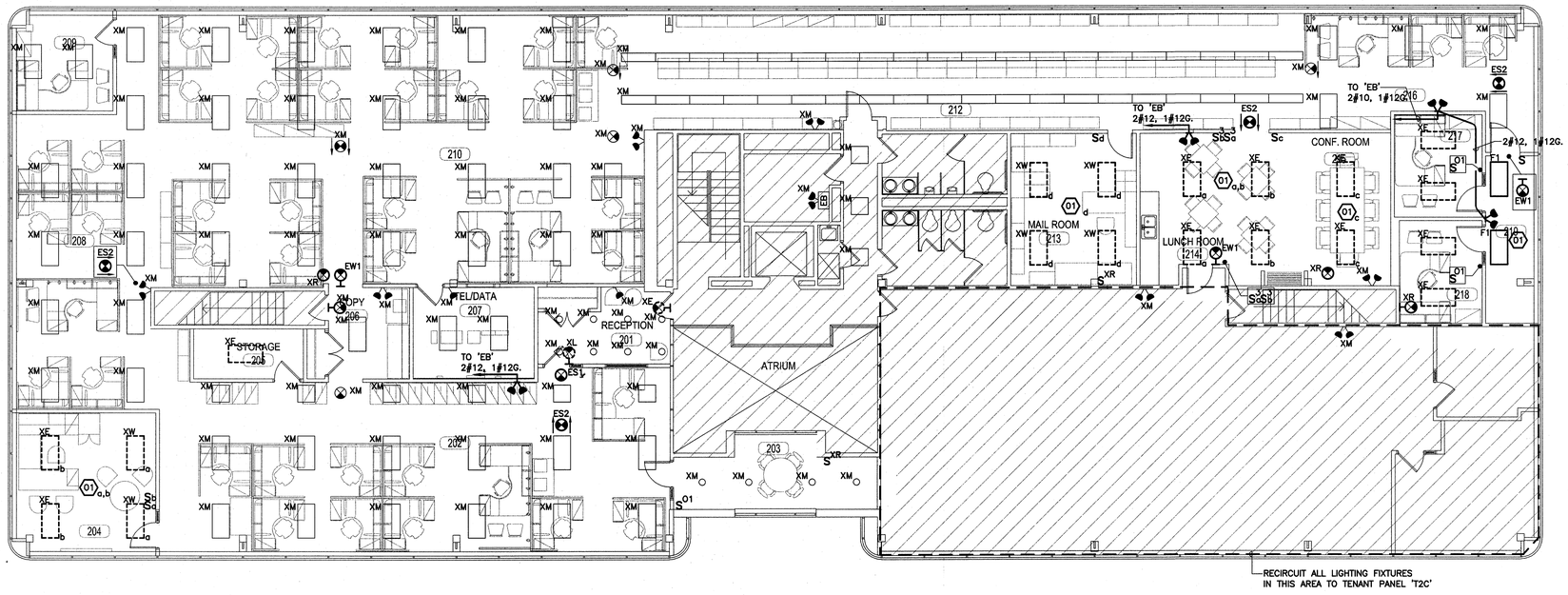

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	CATALOG NUMBER	DESCRIPTION	LAMPS NO.	LAMPS TYPE	INPUT VOLTS	INPUT WATTS	REMARKS
F1	DAYBRITE	TO MATCH EXISITNG	2x4 FLUORESCENT RECESSED	3	32WT8	120		TO MATCH EXISTING.
	MCPHILDEN	TO MATCH EXISTING	REMOTE EMERGENCY HEADS	2	12.5W	12		TO MATCH EXISTING.
EW1	MCPHILDEN	TO MATCH EXISTING	EXIT SIGN WALL MOUNTED	–	LED	120/12		TO MATCH EXISTING.
ES1	MCPHILDEN	TO MATCH EXISTING	SINGLE FACE EXIT SIGN CEILING MOUNTED	–	LED	120/12		TO MATCH EXISTING.
ES2	MCPHILDEN	TO MATCH EXISTING	DOUBLE FACE EXIT SIGN CEILING MOUNTED	–	LED	120/12		TO MATCH EXISTING.

NOTES:

1. NOTES 2–9 APPLY TO ALL APPLICABLE LIGHTING FIXTURES. THE REMARKS COLUMN SHALL NOTE ADDITIONAL REQUIREMENTS.
2. FIXTURES SPECIFIED WITH CATALOG NUMBERS ESTABLISH QUALITY LEVEL FOR EQUAL FIXTURES FROM MANUFACTURERS LISTED WITHOUT CATALOG NUMBERS. WHERE ONLY ONE MANUFACTURER LISTED, THERE SHALL BE NO SUBSTITUTION.
3. VERIFY EXACT MOUNTING CONDITIONS AND PROVIDE APPROPRIATE ACCESSORIES AND HARDWARE TO ACCOMMODATE REQUIREMENTS.
4. FIXTURE TYPE INDICATED ONCE ON A CONTINUOUS ROW SHALL BE TYPICAL OF ALL FIXTURES IN THE ROW UNLESS NOTED OTHERWISE.
5. CONTINUOUS ROWS OF FIXTURES SHALL BE PROVIDED WITH ALL NECESSARY HARDWARE AND FILLERS TO PROVIDE THE EXACT LENGTHS AS INDICATED ON THE PLANS. FIXTURES IN SOFFITS SHALL BE CONTINUOUS END TO END.
6. PROVIDE ALL FLUORESCENT FIXTURES WITH ELECTRONIC BALLASTS WITH MAXIMUM THD OF 20%, PF GREATER THAN 97% AND BF GREATER THAN 0.9. BALLASTS SHALL BE PROGRAMMED RAPID START WITH END–OF–LAMP–LIFE PROTECTION.
7. BALLAST EFFICIENCY SHALL BE GREATER THAN THAT REQUIRED TO ENSURE THAT THE VALUE LISTED FOR INPUT WATTS IS NOT EXCEEDED.
8. FLUORESCENT LAMPS SHALL HAVE A MINIMUM CRI OF 82. LAMP COLOR MATCH EXISTING.
9. PROVIDE EXIT SIGNS WITH ARROWS AND MOUNTING ACCESSORIES AS INDICATED ON THE PLANS.

LIGHTING NOTES:

1. REFER TO DRAWING E–000 FOR LEGEND, SYMBOLS AND GENERAL NOTES.

2. REFER TO ARCHITECTURAL DRAWINGS, INCLUDING BUT NOT LIMITED TO, REFLECTED CEILING PLANS AND ELEVATIONS FOR ASSOCIATED NOTES, MOUNTING DETAILS AND EXACT LOCATIONS OF ALL LIGHTING FIXTURES.

3. PROVIDE COMMON FACE PLATE AND REQUIRED METAL INTERIOR BOX BARRIERS FOR ALL MULTIPLE GANG SWITCH LOCATIONS.

4. CIRCUIT NUMBERS ARE DIAGRAMMATIC. EXACT NUMBERS SHALL BE DETERMINED IN THE FIELD AND REFLECTED ON AS–BUILT DOCUMENTATION BY THE ELECTRICAL CONTRACTOR. THE ASSOCIATED CIRCUIT NUMBER AND SWITCH LEG NOMENCLATURE THAT ARE APPLIED TO EACH LIGHTING FIXTURE AND CONTROLLING DEVICE INFER INTERCONNECTING BRANCH CIRCUITRY.

5. VOLTAGE DROP HAS BEEN CONSIDERED IN THE DESIGN OF ALL BRANCH CIRCUIT AND FEEDER SIZES BASED UPON THE ILLUSTRATED EQUIPMENT LAYOUTS AND SHORTEST CONDUCTOR/RACEWAY ROUTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVIATIONS TAKEN THAT WILL INCREASE CONDUCTOR/RACEWAY ROUTING LENGTHS. BRANCH CIRCUITS LONGER THAN 75' FOR 120V AND 175' FOR 277V FROM PANEL TO LAST OUTLET SHALL BE INCREASED A MINIMUM OF ONE SIZE ABOVE THAT SPECIFIED TO LIMIT VOLTAGE DROP TO LESS THAN 3%.

6. SURFACE MOUNTED FIXTURES (INCLUDING EXIT SIGNS) THAT CREATE OBSTRUCTIONS EXCEEDING 4 1/2 INCHES FROM THE CEILING SURFACE TO THE BOTTOM OF THE FIXTURE SHALL BE SPACED A MINIMUM OF 2'6" FROM ANY SPRINKLER HEAD. COORDINATE THE EXACT PLACEMENT OF ALL FIXTURES WITH THE REFLECTED CEILING PLAN AND THE FIRE PROTECTION CONTRACTOR.

7. PROVIDE CONSTANTLY ENERGIZED (UNSWITCHED) BRANCH CIRCUIT TO ALL EXIT SIGNS AND EGRESS LIGHTS FROM THE DESIGNATED SOURCE.

8. LIGHTING BRANCH CIRCUITRY SHALL BE INSTALLED IN CONDUIT FROM THE PANELBOARD TO THE FIRST OUTLET AND/OR WHERE EXPOSED. LIGHTING BRANCH CIRCUITRY MAY BE TYPE MC CABLE WHERE CONCEALED ABOVE SUSPENDED CEILINGS OR IN METAL STUD WALLS.

9. MAINTAIN CONTINUITY OF BRANCH CIRCUITRY ASSOCIATED WITH ALL EXISTING LIGHTING TO REMAIN.

10. PROVIDE ADDITIONAL EMERGENCY BATTERY CAPACITY TO MAINTAIN EMERGENCY LIGHTING LEVELS, PER CODE.

11. CONNECT NEW EXIT SIGNS TO THE EXISTING NORMAL 120 VOLT EXIT SIGN CIRCUIT AND PROVIDE NEW 2#10, 3/4"C., EMERGENCY 12 VOLT CIRCUIT FROM THE EXISTING EMERGENCY BATTERY SYSTEM, TO EACH NEW EXIT SIGN.

GENERAL NOTES:

EXISTING ELECTRICAL SHOWN ON THESE PLANS WAS NOT FIELD VERIFIED BY RDK ENGINEERS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFIED ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. RDK ENGINEERS WILL NOT BE HELD RESPONSIBLE FOR ANY EXISTING CONDITIONS DISCREPANCIES FOUND DURING CONSTRUCTION.

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PROJECT SCOPE

PROJECT NORTH

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No. 9808
LICENSED
PROFESSIONAL ENGINEER

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311 SUMMER STREET BOSTON, MA 02210 617.234.3100

ISSUANCES

No.	Description	Date
1	ISSUED FOR PERMIT	12/23/08

Checked by:

ELECTRICAL
LIGHTING PLAN
2ND FLOOR

Drawing Scale: 1/8" = 1'-0"

Job No. 20080729

E-202