



FIRST FLOOR REFLECTED CEILING LEGEND

- [Symbol] EXISTING CONSTRUCTION TO REMAIN UNDISTURBED
- [Symbol] EXISTING 2-HR RATED CONSTRUCTION TO REMAIN UNDISTURBED
- [Symbol] AREA OF DAYLIGHT ZONE
- [Symbol] GWB DROPPED SOFFIT
- [Symbol] OCCUPANCY SENSOR AS PER 2020 NYC ECC
- [Symbol] PHOTOCELL ON/TIMECLOCK OFF AS PER 2020 NYC ECC
- [Symbol] VACANCY SENSORS AS PER 2020 NYC ECC
- [Symbol] SWITCH - ALL SWITCHES TO BE DIMMER TYPE LUTRON OR EQUAL
- [Symbol] EXISTING DRAFT CURTAIN W/ SPRINKLER HEADS AS PER TABLE 5-1 FIRE SEPARATIONS
- [Symbol] EXHAUST FAN WITH DUCT TO EXTERIOR
- [Symbol] PROPOSED ILLUMINATED EXIT SIGN (NOT TO EXCEED 5 WATTS PER SIDE AS PER 2020 EFCNYC)

- [Symbol] NEW PENDANT LIGHT FIXTURE - A
- [Symbol] NEW PENDANT LIGHT FIXTURE - B
- [Symbol] EXTERIOR GRADE CANOPY LIGHT FIXTURE - C
- [Symbol] 4" RECESSED LIGHT FIXTURE - C4W
- [Symbol] 4" RECESSED LIGHT FIXTURE - D4W
- [Symbol] TRACK LIGHT FIXTURE - E
- [Symbol] 2" SOFFIT RECESSED LIGHT FIXTURE - G
- [Symbol] CEILING HEIGHT/TYP SEE NOTES ON A-003
- [Symbol] TYPE 'F' - 2'x4" LAY-IN PANEL LIGHTING (KITCHEN) IN A 24"x48" ACOUSTICAL TILE CEILING

FIRST FLOOR REFLECTED CEILING NOTES

- ALL CONDITIONS ARE EXISTING TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.
- REFER TO BURGER KING INTERIOR LIGHTING FINISH PLANS FOR EXISTING LIGHTING LOCATIONS.
- PROVIDE NEW LAY-IN ACOUSTICAL TILE HUNG CEILING AT LOCATIONS AND HEIGHTS AS INDICATED ON PLAN AND LEGEND. SEE CEILING DETAILS ON G-003.
- CEILING TYPE:
 - 15/16" DTL. WEBS HOT DIPPED GALV. STEEL TEE, ALUMINUM CAP #204 BY U.S.G.-COLOR. WHITE WITH SHERROCK BRAND LAY-IN CEILING TILE - "CLIMARHUB" #3272, WHITE VEIN, 24"x48"x1/2"
- PROVIDE NEW DROPPED SOFFITS AT LOCATIONS AND HEIGHTS AS INDICATED ON PLAN. RCP LEGEND & CEILING DETAILS ON G-043.
- PROVIDE NEW LIGHT FIXTURES THROUGHOUT FIRST FLOOR AS INDICATED ON PLAN AND SCHEDULE. SEE ELECTRICAL PLANS FOR COORDINATION.
- ALL NEW INTERIOR LIGHTING SHALL COMPLY WITH 2020 EFCNYC TABLE C404.2.1 (DINING - CAFETERIA/FAST FOOD - 120 WATTS/SP).
- ALL NEW EXTERIOR LIGHTING SHALL COMPLY WITH 2020 EFCNYC TABLE C405.2.2 (SIDEWALK - SIDE WALKWAY - ZONE 4).
- OCCUPANCY SENSORS SHALL BE PROVIDED AT ALL AREAS INDICATED ON PLAN AS PER 2018 EFCNYC.
- PROVIDE ILLUMINATED EXIT SIGN AS INDICATED ON PLAN. ILLUMINATED EXIT SIGNS SHALL BE MAX 1.0 WATTS PER SIDE AS PER 2018 EFCNYC.
- AS PER C402.3.3 RECESSED LIGHTING RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE ALL OF THE FOLLOWING (C-RATED), LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT MORE THAN 0.04 CM (0.004 L/S) WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT A 1.57 PSF (75PA) PRESSURE DIFFERENTIAL SEALED WITH A GASKET OR GULF OF BETWEEN THE HOUSING AND INTERIOR WALL OR CEILING COVERING.

C405.2.3 DAYLIGHT-RESPONSIVE CONTROLS

DAYLIGHT-RESPONSIVE CONTROLS COMPLYING WITH SECTION C405.2.3.1 SHALL BE PROVIDED TO CONTROL THE ELECTRIC LIGHTS WITHIN DAYLIGHT ZONES IN THE FOLLOWING SPACES:

C405.2.4 DAYLIGHT-RESPONSIVE CONTROL FUNCTION

WHERE REQUIRED, DAYLIGHT-RESPONSIVE CONTROLS SHALL BE PROVIDED WITHIN EACH SPACE FOR CONTROL OF LIGHTS IN THAT SPACE AND SHALL COMPLY WITH ALL OF THE FOLLOWING:

- LIGHTS IN THE LIGHT DAYLIGHT ZONE IN ACCORDANCE WITH SECTION C405.2.3.3 SHALL BE CONTROLLED INDEPENDENTLY OF LIGHTS IN SIDEWALK DAYLIGHT ZONE IN ACCORDANCE WITH SECTION C405.2.3.2.
- DAYLIGHT-RESPONSIVE CONTROLS WITHIN EACH SPACE SHALL BE CONFIGURED SO THAT THEY CAN BE CALIBRATED FROM WITHIN THAT SPACE BY AUTHORIZED PERSONNEL.
- CALIBRATION MECHANISMS SHALL BE EASILY ACCESSIBLE.
- FUNCTIONS LOCATED IN OFFICES, CLASSROOMS, LABORATORIES AND LIBRARY READING ROOMS, DAYLIGHT-RESPONSIVE CONTROLS SHALL DIM LIGHTS CONTINUOUSLY FROM FULL LIGHT OUTPUT TO 25 PERCENT OF FULL LIGHT OUTPUT OR LOWER.
- DAYLIGHT-RESPONSIVE CONTROLS SHALL BE CAPABLE OF A COMPLETE SHUTOFF OF ALL CONTROLLED LIGHTS.
- LIGHTS IN SIDEWALK DAYLIGHT ZONES IN ACCORDANCE WITH SECTION C405.2.3.2 FACING DIFFERENT CARDINAL ORIENTATIONS (I.E., WITHIN 4 DEGREES (0.70 RAD) OF NORTH, EAST, SOUTH, WEST) SHALL BE CONTROLLED INDEPENDENTLY OF EACH OTHER.
- EXCEPTION UP TO 150 WATTS OF LIGHTING IN EACH SPACE IS PERMITTED TO BE CONTROLLED TOGETHER WITH LIGHTING IN A DAYLIGHT ZONE FACING A DIFFERENT CARDINAL ORIENTATION.

C405.2.3.2 SIDEWALK DAYLIGHT ZONE

THE SIDEWALK DAYLIGHT ZONE IS THE AREA ADJACENT TO VERTICAL FENESTRATION WHICH COMPLES WITH ALL OF THE FOLLOWING:

- WHERE THE FENESTRATION IS LOCATED IN A WALL, THE DAYLIGHT ZONE SHALL EXTEND LATERALLY TO THE NEAREST FULL-HEIGHT WALL, OR UP TO 1.0 TIMES THE HEIGHT FROM THE FLOOR TO THE TOP OF THE FENESTRATION, AND LONGITUDINALLY FROM THE EDGE OF THE FENESTRATION TO THE NEAREST FULL-HEIGHT WALL, OR UP TO 2 FEET (0.610 M), WHICHEVER IS LESS, AS INDICATED IN FIGURE C405.2.3.2(1).
- WHERE THE FENESTRATION IS LOCATED IN A ROOF OR MONITOR, THE DAYLIGHT ZONE SHALL EXTEND LATERALLY TO THE NEAREST OBSTRUCTION THAT IS TALLER THAN 0.7 TIMES THE CEILING HEIGHT, OR UP TO 1.0 TIMES THE HEIGHT FROM THE FLOOR TO THE BOTTOM OF THE FENESTRATION, WHICHEVER IS LESS, AND LONGITUDINALLY FROM THE EDGE OF THE FENESTRATION TO THE NEAREST OBSTRUCTION THAT IS TALLER THAN 0.7 TIMES THE CEILING HEIGHT, OR UP TO 0.25 TIMES THE HEIGHT FROM THE FLOOR TO THE BOTTOM OF THE FENESTRATION, WHICHEVER IS LESS, AS INDICATED IN FIGURES C405.2.3.2(2) AND C405.2.3.2(3).
- THE AREA OF THE FENESTRATION SHALL BE AT LEAST 24 SQUARE FEET (2.2 M²).
- THE DISTANCE FROM THE FENESTRATION TO ANY BUILDING OR GEOLOGICAL FORMATION WHICH WOULD BLOCK ACCESS TO DAYLIGHT IS GREATER THAN THE HEIGHT FROM THE BOTTOM OF THE FENESTRATION TO THE TOP OF THE BUILDING OR GEOLOGICAL FORMATION.
- WHERE LOCATED IN EXISTING BUILDINGS, THE VISIBLE TRANSMITTANCE OF THE FENESTRATION IS NOT LESS THAN 0.20.

DAYLIGHT ZONE BREAKDOWN:

SIDEWALK DAYLIGHT ZONE #1 = 300.00 WATTS (NOT OVERLAPPING ANY OTHER ZONE)
TOTAL DAYLIGHT ZONE WATTS = 300.00 WATTS

FIRST FLOOR LIGHTING SCHEDULE:

AREA OF REFLECTED LIGHTING: 2,001.79 SF
TOTAL CONNECTED INTERIOR LIGHTING = 1,570.00 WATTS
TOTAL CONNECTED EXTERIOR LIGHTING = 480.00 WATTS
TOTAL CONNECTED LIGHTING = 2,050.00 WATTS

MAXIMUM PERMITTED INTERIOR LIGHTING POWER DENSITY AT FIRST FLOOR AS PER TABLE C404.2.1(1):
DINING - CAFETERIA/FAST FOOD - 0.06 WATTS/SP. 1,485.26 SF x 1.3361 W/SP = 1,986.00 WATTS (PROPOSED)
AS PER TABLE C405.2.3(2) FOOD PREPARATION AREA: 1.21 WATTS/SF x 958.00 SF = 1,159.18 WATTS + 792.00 WATTS (PROPOSED)

MAXIMUM PERMITTED EXTERIOR LIGHTING POWER DENSITY AT FIRST FLOOR:
AS PER TABLE C405.2.3(2) - SIDEWALK DAYLIGHT ZONE 4 - 1.00 WATTS/SP. 1,100.00 WATTS (PROPOSED)

TYPE "A" - 5 LED PENDANT LIGHT FIXTURES x 10 WATTS = 50 WATTS
NAUTICAL FURNISHINGS
LED PENDANT
MODEL: SP1505-430-6W/WH
TOTAL INPUT WATTAGE PER FIXTURE = 10 WATTS

TYPE "B" - 4 LED PENDANT LIGHT FIXTURES x 8 WATTS = 32 WATTS
NAUTICAL FURNISHINGS
LED PENDANT
MODEL: SP1505-430-6W/WH
TOTAL INPUT WATTAGE PER FIXTURE = 8 WATTS

TYPE "C" - 11 EXTERIOR GRADE FIXTURES x 40 WATTS = 440 WATTS
KONIG LEIS LIGHTING
DECORATIVE WALL SCENE
MODEL: K4044WH
TOTAL INPUT WATTAGE PER FIXTURE = 40 WATTS

TYPE "D" - 11 RECESSED LED LIGHT FIXTURE x 11 WATTS = 121 WATTS
JUNO LIGHTING
4" RECESSED LED
MODEL: SP1505-430-6W/WH
TOTAL INPUT WATTAGE PER FIXTURE = 11 WATTS

TYPE "E" - 3 RECESSED LED LIGHT FIXTURE x 11 WATTS = 33 WATTS
JUNO LIGHTING
4" RECESSED LED
MODEL: SP1505-430-6W/WH
TOTAL INPUT WATTAGE PER FIXTURE = 11 WATTS

TYPE "F" - 2 LED TRACK LIGHT FIXTURE x 10 WATTS = 20 WATTS
JUNO LIGHTING
TRACK LIGHT FIXTURE
MODEL: K4044WH
TOTAL INPUT WATTAGE PER FIXTURE = 10 WATTS

TYPE "G" - 11 FIXTURES x 44 WATTS = 792 WATTS
24"X48" LAY-IN FIXTURE
VOLUME: TROFFER
GE: RVTM2448MBB2VOLT/WHITE
TOTAL INPUT WATTAGE PER FIXTURE = 44 WATTS

TYPE "H" - 48 SOFFIT RECESSED LED LIGHT FIXTURE x 10 WATTS = 480 WATTS
2" RECESSED LED
MODEL: SP1505-430-6W/WH
TOTAL INPUT WATTAGE PER FIXTURE = 10 WATTS

LED COMB EXTREMELY LIGHT COOPER BARCH
Maximum 60 watts per side

LIGHTING CONTROLS SCHEDULE (SPACE-BY-SPACE)

SPACE	OPERATING TYPE	MAKE (OR COMPARABLE)	SYMBOL
KITCHEN (SEE AREA)	COMMERCIAL GRADE LIGHT SWITCH	LEVITON	(S)
KITCHEN COOKING LINE	COMMERCIAL GRADE OCCUPANCY SENSOR	LEVITON	(OS)
MANAGERS OFFICE	COMMERCIAL GRADE LIGHT SWITCH	LEVITON	(S)
KITCHEN SERVICE AREA	COMMERCIAL GRADE OCCUPANCY SENSOR	LEVITON	(OS)
RESTROOMS	COMMERCIAL GRADE OCCUPANCY SENSOR	LEVITON	(OS)
DRIVING ROOM	COMMERCIAL GRADE LIGHT SWITCH	LEVITON	(S)

DAYLIGHT RESPONSIVE CONTROLS SCHEDULE

TAG	OPERATING TYPE	DAYLIGHT ZONE/FIXTURES CONTROLLED	CARDINAL ORIENTATION	TOTAL WATTAGE
PC1	PHOTOCELL ON/TIMECLOCK OFF	(2) 11 4" N	WEST	22 WATTS
PC2	PHOTOCELL ON/TIMECLOCK OFF	(2) 11 4" E	WEST	40.30 WATTS
PC3	PHOTOCELL ON/TIMECLOCK OFF	(2) 11 4" (1) C	EAST	30.70 WATTS
PC4	PHOTOCELL ON/TIMECLOCK OFF	ALL OTHER LIGHTING WITHIN SIDEWALK DAYLIGHT ZONE #4	N/A	145.00 WATTS + 150.00 WATTS ON

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DOB Approval Stamp:

Block: 4723
Lot: 86
Zone: C2-2 R S
Map: 20

Job No.: 18049
Drawn By: [Signature]
Date: 03-11-21

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

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