

- 1) THE BUILDING ENVELOPE AND THE HEATING/COOLING SYSTEMS HAVE BEEN DESIGNED TO COMPLY WITH REQUIRED ASPECTS OF THE NY STATE CONSERVATION CONSTRUCTION CODE AND NYCECC.
- 2) DESIGN CRITERIA: INDOOR TEMPERATURE, HEATING, MAX 72 DEGREES. INDOOR TEMPERATURE COOLING MINIMUM 78 DEGREES. OUTDOOR CONDITIONS, 5000 HEATING DEGREE-DAYS AS PER TABLE 2-1, AND 87 DEGREES DRY BULB SUMMER TEMPERATURE AS PER TABLE 2-2.
- 3) THE THERMAL PERFORMANCE OF THE BUILDING ENVELOPE HAS BEEN DESIGNED BY THE TABULAR PRESCRIPTIVE ANALYSIS
- 4) THE HEATING AND COOLING SYSTEMS ARE EQUIPPED WITH DEVICES TO LIMIT OR SHUT OFF THE ENERGY USE DURING PERIODS OF NON-USE OR ALTERNATE USE OF BUILDING.
- 5) ALL NEW LIGHT FIXTURES TO USE LOW VOLTAGE ENERGY EFFICIENT TYPE BULBS. A MINIMUM OF 50% OF ALL THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH EFFICACY LAMPS.
- 6) ALL NEW APPLIANCES TO BE ENERGY STAR RATED.

ENERGY CODE COMPLIANCE STATEMENT

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CODE OF NEW YORK STATE USING CHAPTER 4.

ENERGY ANALYSIS PRESCRIPTIVE METHOD

EXISTING RESIDENTIAL
CLIMATE ZONE 4A
ECCCNYS 2010

ITEM DESCRIPTION	PROPOSED DESIGN VALUE	CODE - PRESCRIBED VALUE AND CITATION
EXISTING ELECTRICAL LIGHTING	100%	SECTION 404.1 50% LIGHTING IN DWELLING UNITS TO USE HIGH EFFICACY TYPE LAMPS
EXISTING ROOF ASSEMBLY WITH INSULATION	NA NO CHANGE	R-38 TABLE 402.1.1
EXISTING WINDOWS LESS THAN 15% OF ABOVE GRADE WALL AREA	NA NO CHANGE	MAXIMUM U = 0.35 SHGC = NR TABLE 402.1.1
EXISTING ABOVE GRADE WALLS MASONRY, CAVITY INSULATION	NA NO CHANGE	R-13 TABLE 402.1.1

TR 8 PROGRESS INSPECTION NOTES

- 1) A LL SPECIAL AND PROGRESS INSPECTIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE ADMINISTRATIVE CODE.
- 2) ALL PROGRESS INSPECTIONS SHALL BE PERFORMED BY A LICENSED PROFESSIONAL OR AN APPROVED TESTING ENTITY BY NYC DOB.
- 3) ALL SPECIAL AND PROGRESS INSPECTIONS SHALL BE DOCUMENTED AND BE MAINTAINED SPECIFYING TIMES, DATES, SCOPE OF INSPECTIONS AND NAME OF INSPECTOR.

PROGRESS INSPECTION ITEMS

- LIGHTING IN DWELLING UNITS

RCNY (IC2), (IIC2)