CHILLED BEAMS
LOW VELOCITY CHILLED BEAMS FOR CONDITIONING SPACES REDUCES ENERGY CONSUMPTION

STORMWATER MANAGEMENT
DESIGNED TO REDUCE POST DEVELOPMENT SITE RUNOFF BY 41% FOR THE TWO YEAR 24-HR DESIGN STORM

GLASS PARTITIONS
ZONING THE BUILDINGS MORE INTENSIVE RESEARCH SPACES BY REMOVING GRADUATE WORKSTATIONS FROM THE HIGH AIR CHANGE RATE ENVIRONMENT BY UTILIZING GLASS PARTITIONS

ENHANCED VENTILATION SYSTEMS
PREHEATED OUTSIDE AIR WITH PROCESS COOLING WATER TO PROVIDE PRECONDITIONED MAKEUP AIR

AIR AND ENERGY EFFICIENCY
RETURN AIR FROM OFFICES AND CLASSROOMS UTILIZED AS MAKEUP AIR TO LABORATORIES. CONDITIONED OPEN LAB AIR USED TO HELP OCCUPY LAB EQUIPMENT SPACES. ENERGY RECOVERY AT FUME HOODS

DYNAMIC & DIFFUSE DAYLIGHTING
FRIT AND HIGH PERFORMANCE COATINGS ON THE GLAZING REDUCE SOLAR HEAT GAIN. FACADE PATTERNING OPTIMIZED FOR DAYLIGHT

SMART SENSORS
OCCUPANCY SENSORS REDUCE ENERGY USE AND INCREASE USER COMFORT

WATER CONSERVATION
REDUCTION OF POTABLE WATER CONSUMPTION BY NEARLY 60% SAVINGS OBTAINED THROUGH THE USE OF LOW FLOW BATHROOM FEATURES

ENHANCED RAINDSCREEN WALL
MINIMIZE AIR LEAKAGE EVEN UNDER THE NEGATIVE PRESSURIZATION REQUIRED FOR LABORATORIES

SUSTAINABLE IRRIGATION
CENTRALLY MANAGED IRRIGATION MANAGEMENT SYSTEM TO ENSURE PROPER WATERING THROUGH MONITORING OF CLOW WATER AND WEATHER

HIGHLY SUSTAINABLE MATERIALS
LOW-VOC ADHESIVES, SEALANTS, PAINTS, COATINGS, FLOORING, COMPOSITE WOOD AND AGROFIBER PRODUCTS. 62% OF THE TOTAL BUILDING MATERIAL CONTENT WAS MANUFACTURED USING RECYCLED MATERIALS