FLOOR PLANS



GROUND FLOOR PLAN

FIRST FLOOR PLAN



THE STRONGEST WINDS T BUILDING EXPERIENCES, MOST LY DURING THE SUMMER, IS FROM THE NORTHWEST WHERE THE LIBRARY IS LOCATED. THE WINDS THAT ARE EXPERIENCED CARRY SIGNIFICANTLY LARGE AMOUNTS OF DUST PARTICLES. THE PASSIVE APPROACH HERE IS TO FILTER THE WINDS OVER THE WATER-POND WHILE FLOW-ING UNDERNEATH THE FIRST CURTAINWALL TO ENTER THE BUILDING THROUGH THE OPEN-INGS IN THE SECOND CURTAIN WALL FRESH AND CLEAN FROM DUST PARTICLES.







426' x 426' 181,476 SQFT

92,814 SQFT (MULTIPLE FLOORS

SECOND FLOOR PLAN HVAC SYSTEM PLAN



STRUCTURAL

System

THE STRUCTURE OF THE BUILDING IS MAINLY A COMBINATION OF COLUMNS, BEAMS, FLOORS, AND ROOFS. SINCE THE SITE IS IN KUWAIT AND THAT PARTICU-LAR REGION DEPENDS ON CONCRETE AS A MAIN SURFACING COMPONENT, RE-BARS JOISTS WITH CONCRETE COLUMNS AND STEEL BEAMS MAKE A SOLID STAND ON THE GROUND.

FLOOR PLANS LEGEND

SENSOR

A	EMERGENCY Exit	C	CLASS	w	WAITING AREA
1	FIRE EXT.	Α	ADMINISTRATION	М	MAIN ENTRANCI
	CIRRCULATION RETURN	Р	PLAYGROUND	D	DROP-OFF AREA
	DUCTS SUPPLY	Lo	Lовву	0	OFFICE
A	DUCTS Air Handling Unit	GR	GREENERY	ME	MECHANICAL R
в	BOILER	т	THEATRE	LR	LOCKER ROOM
•	CONTROLLER Supply	к	KITCHEN	wc	RESTROOM
	RETURN	G	GYMNASIUM	CA	CAFETERIA
C	COOLING COIL				
C	CHILLER	FΡ	FACULTY PARKING		
H	HEATING COIL	PP	PUBLIC PARKING		



LIBRARY

THE LIBRARY SETS A GREAT EXAMPLE OF HOW TO USE THE PASSIVE SYSTEM AS SIMPLE AS HOW THE ORIENTATION OF THE BUILDING SHOULD BE. THE BUILDING IS ORIENTATED IN A WAY THAT PUTS THE CURTAIN WALLS FACING AWAY FROM DIRECT SUNLIGHT IN MOST TIMES OF THE DAY.





TAXABLE PROPERTY AND ADDRESS OF TAXABLE PROPERTY.

The all P