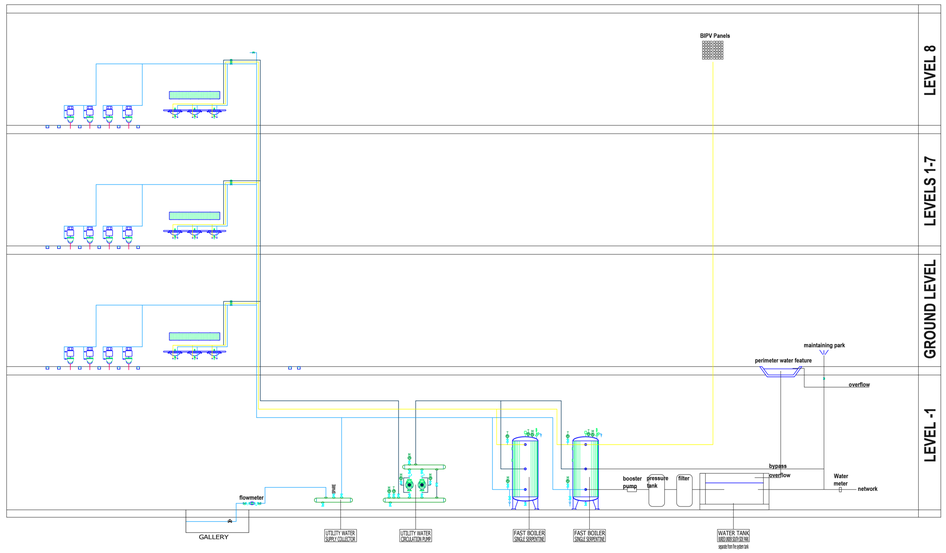
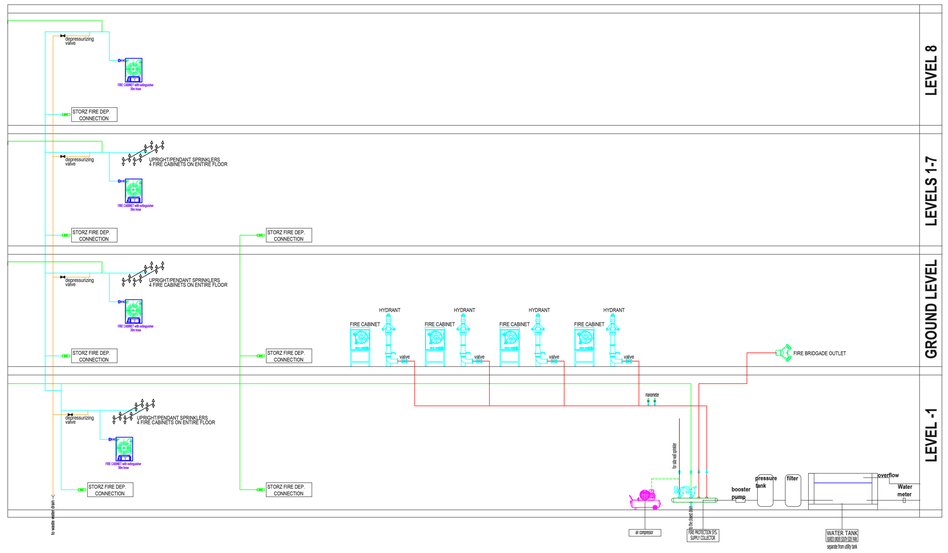


CLEAN WATER SYSTEM SYMBOLS LEGEND	
	UTILITY COLD WATER PLUMBING PIPE
	UTILITY HOT WATER PLUMBING PIPE
	UTILITY HOT WATER CIRCULATION PLUMBING PIPE
	VALVE
	DEBRIS FILTER
	CHECK VALVE
	COMPENSATOR
	SAFETY VALVE
	THERMOMETER
	MANOMETER

PLUMBING ROOM FIXTURES	
NO	FIXTURE NAME
01	UTILITY WATER CIRCULATION PUMP
02	SINGLE SERPENTINE FAST BOILER

UTILITY WATER SYSTEM

Given the volume of the building, the solar panels were chosen to be used for heating utility water, which would be directed to the sinks and faucets in bathrooms.

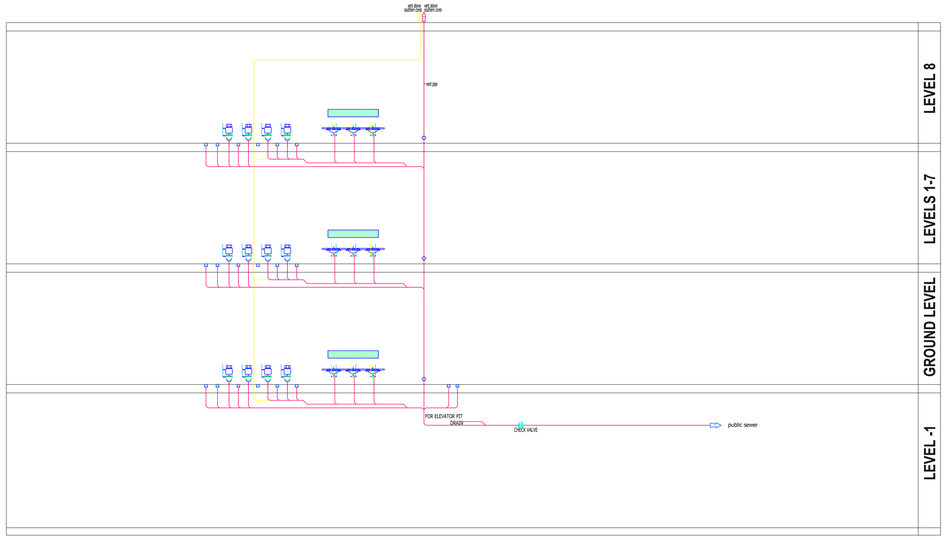


FIRE SAFETY SYSTEM SYMBOLS LEGEND	
	SPRINKLER PIPE
	DRAINAGE PIPE
	FIRE BRIGADE OUTLET
	WET ALARM VALVE STATION
	DRY ALARM VALVE STATION

FIRE CABINET
FIRE BRIGADE OUTLET
STORZ CONNECTION

FIRE SAFETY SYSTEM

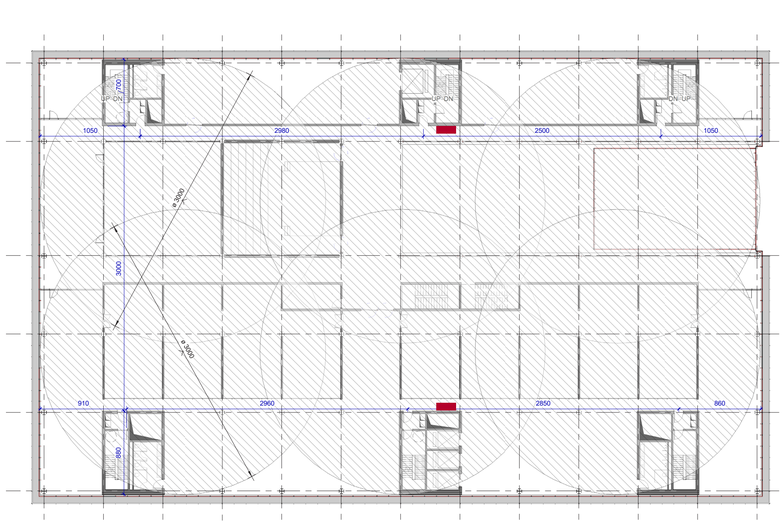
In case of an emergency, the fire bridgade arrives to the southeastern corner where there is the parking lot and outdoor outlets. On the basement level, there is a separate water tank for sprinklers, each of which covers an area of 12m^2.



WASTEWATER SYSTEM SYMBOLS LEGEND	
	WASTEWATER PLUMBING INSTALLATION PIPE
	WASTEWATER VENT PIPE

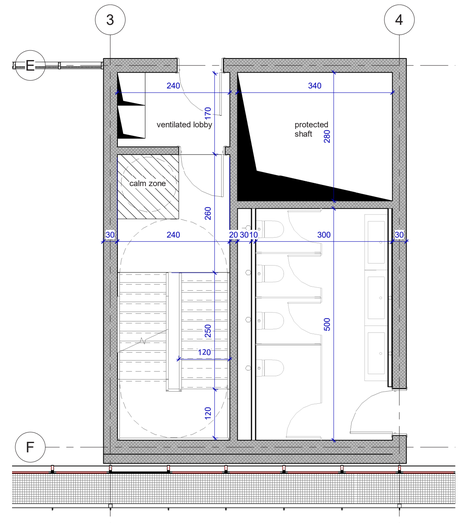
WASTEWATER DRAINAGE SYSTEM

The wet areas are found within the cores. Basement level is dediated to automated storage and mechanical rooms, without bathrooms.



FIRE SAFETY EVACUATION DISTANCES shown on Level 3 Plan

The maximum distance travelled to an emergency stair is 30m; 2 fire cabinets are found at each floor with a hose of 30m.



SOUTHER CORE CONFIGURATION

24

Drawing 24
BUILDING SYSTEMS
Scale: n/a

TOWER OF BOOKS:
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