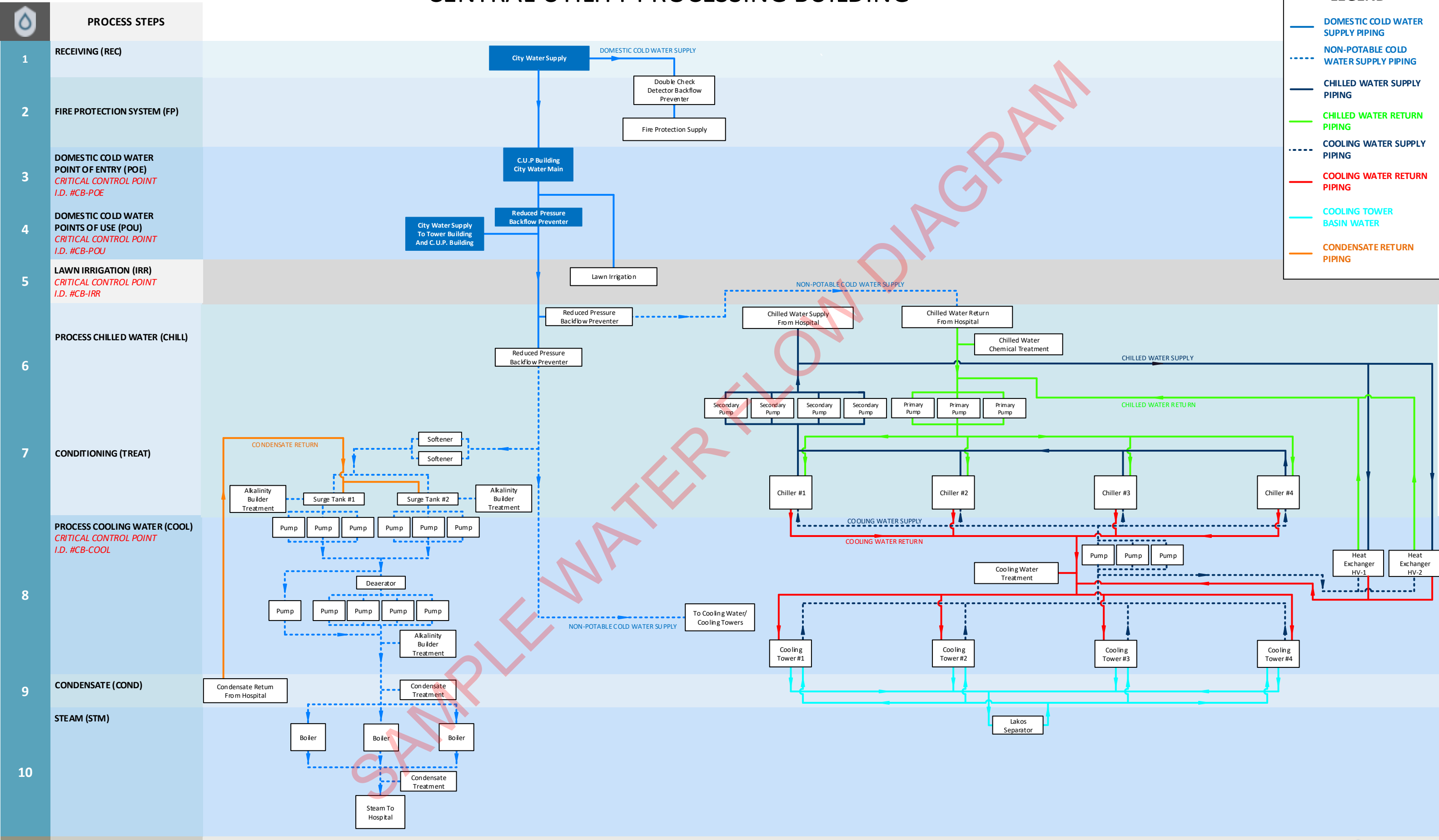


CENTRAL UTILITY PROCESSING BUILDING

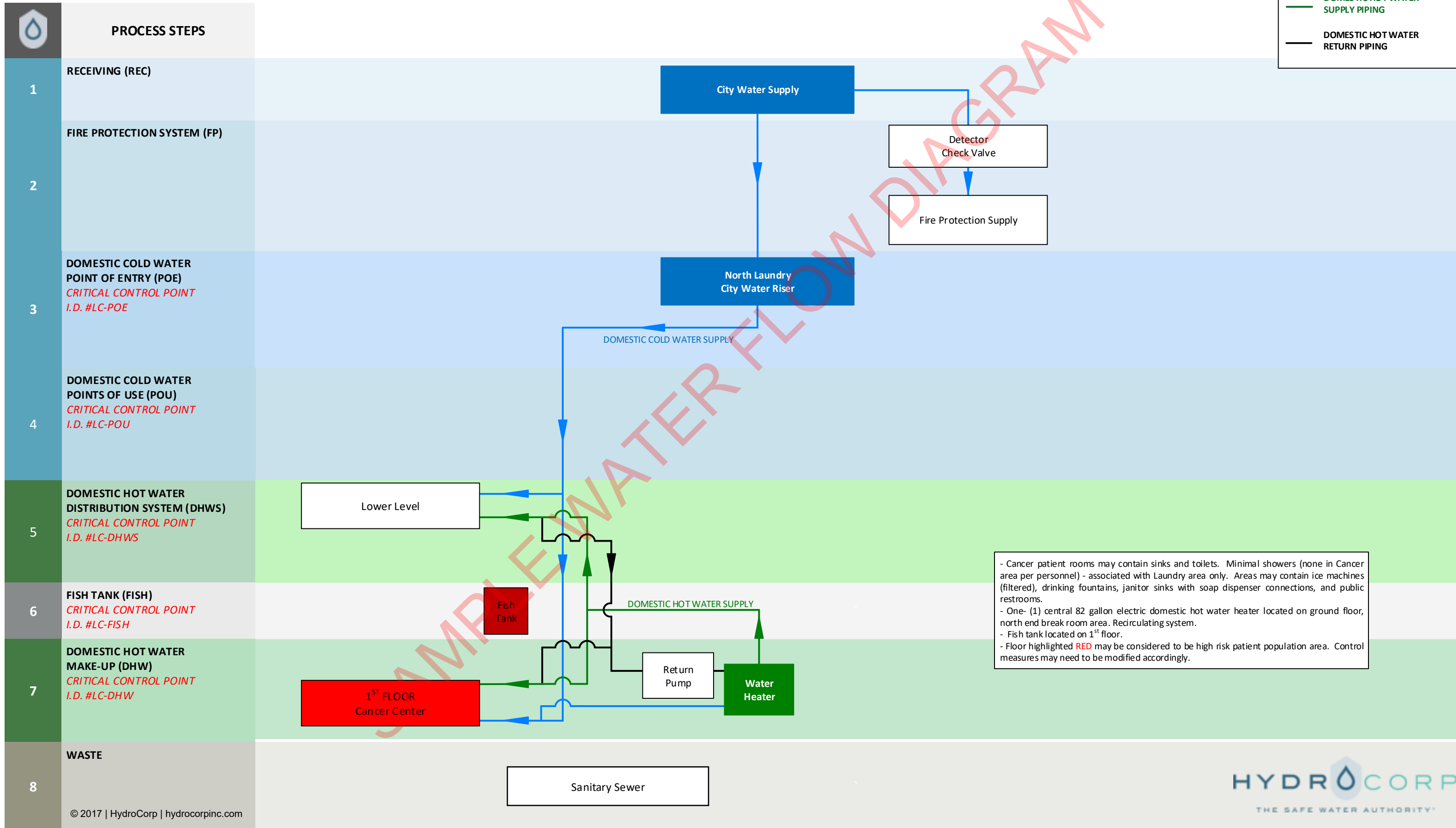
LEGEND	
	DOMESTIC COLD WATER SUPPLY PIPING
	NON-POTABLE COLD WATER SUPPLY PIPING
	CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING
	COOLING WATER SUPPLY PIPING
	COOLING WATER RETURN PIPING
	COOLING TOWER BASIN WATER
	CONDENSATE RETURN PIPING



LAUNDRY / CANCER

LEGEND

- DOMESTIC COLD WATER SUPPLY PIPING
- DOMESTIC HOT WATER SUPPLY PIPING
- DOMESTIC HOT WATER RETURN PIPING

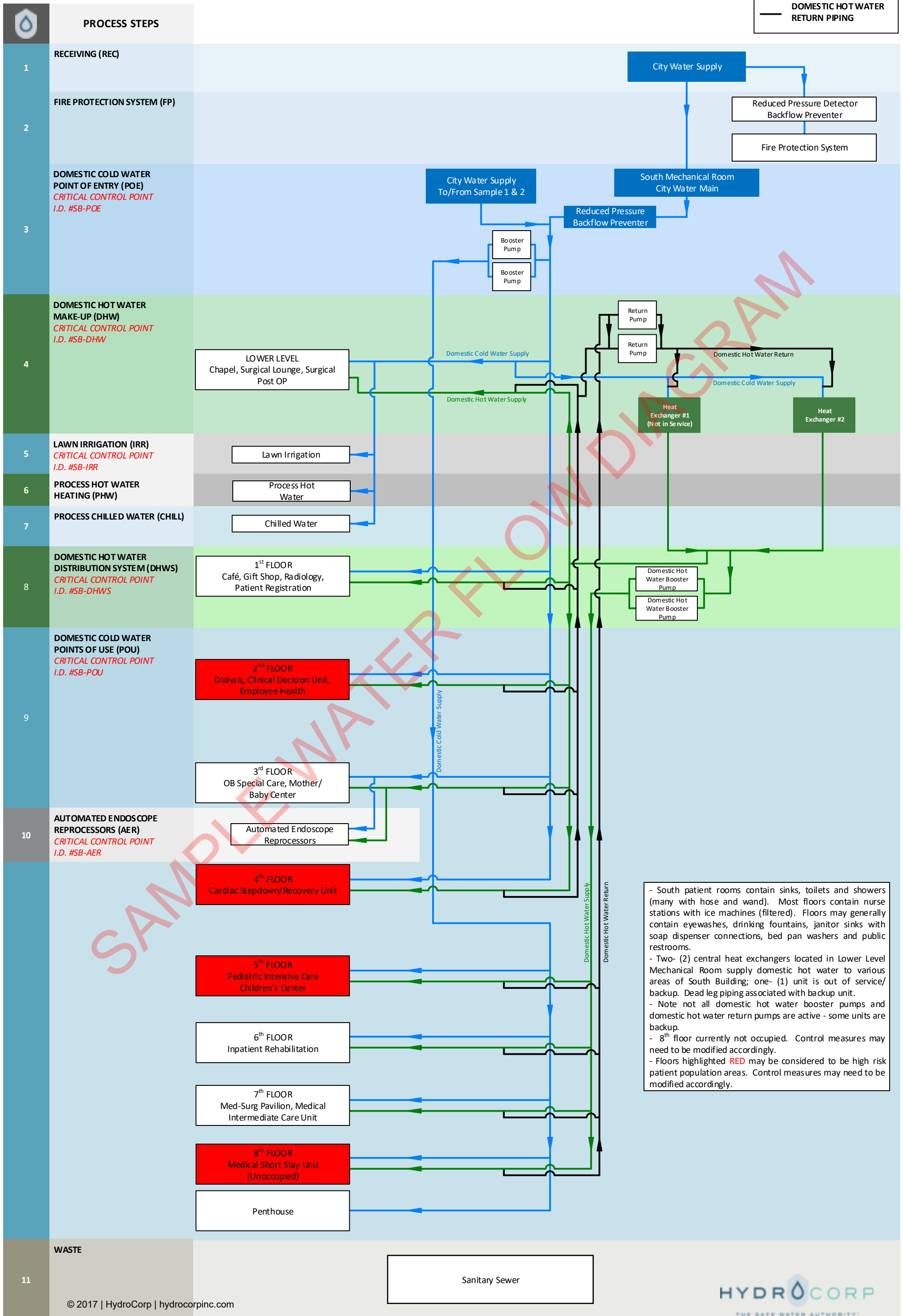


- Cancer patient rooms may contain sinks and toilets. Minimal showers (none in Cancer area per personnel) - associated with Laundry area only. Areas may contain ice machines (filtered), drinking fountains, janitor sinks with soap dispenser connections, and public restrooms.
 - One- (1) central 82 gallon electric domestic hot water heater located on ground floor, north end break room area. Recirculating system.
 - Fish tank located on 1ST floor.
 - Floor highlighted **RED** may be considered to be high risk patient population area. Control measures may need to be modified accordingly.

SOUTH BUILDING

LEGEND

- DOMESTIC COLD WATER SUPPLY PIPING
- DOMESTIC HOT WATER SUPPLY PIPING
- DOMESTIC HOT WATER RETURN PIPING



- South patient rooms contain sinks, toilets and showers (many with hose and wand). Most floors contain nurse stations with ice machines (filtered). Floors may generally contain eyewashes, drinking fountains, janitor sinks with soap dispenser connections, bed pan washers and public restrooms.

- Two- (2) central heat exchangers located in Lower Level Mechanical Room supply domestic hot water to various areas of South Building; one- (1) unit is out of service/backup. Dead leg piping associated with backup unit.

- Note not all domestic hot water booster pumps and domestic hot water return pumps are active - some units are backup.

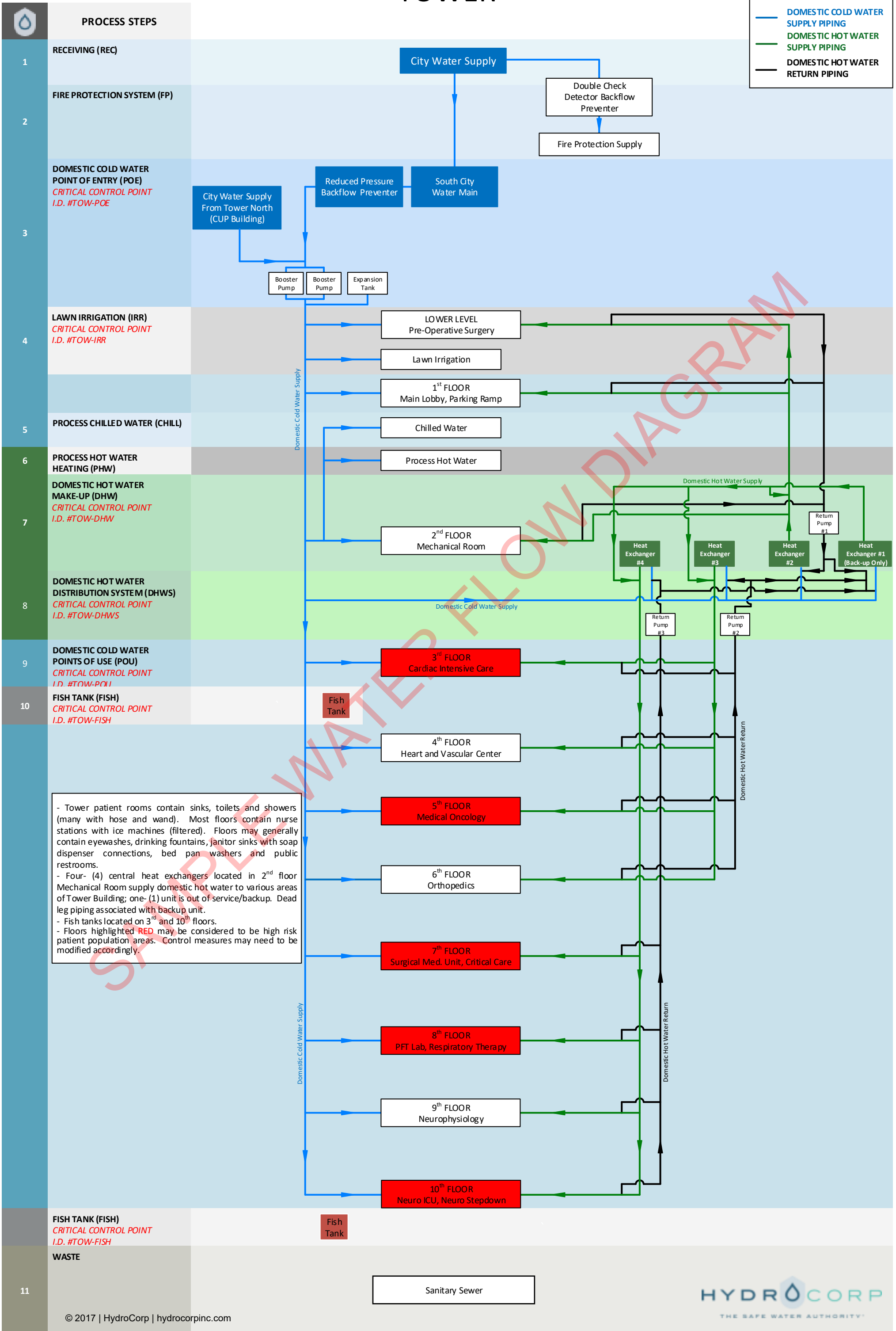
- 8th floor currently not occupied. Control measures may need to be modified accordingly.

- Floors highlighted RED may be considered to be high risk patient population areas. Control measures may need to be modified accordingly.

TOWER

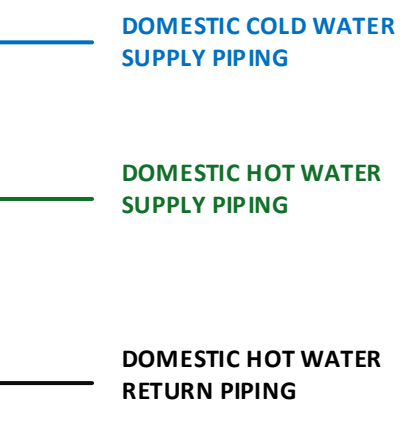
LEGEND

- DOMESTIC COLD WATER SUPPLY PIPING
- DOMESTIC HOT WATER SUPPLY PIPING
- DOMESTIC HOT WATER RETURN PIPING

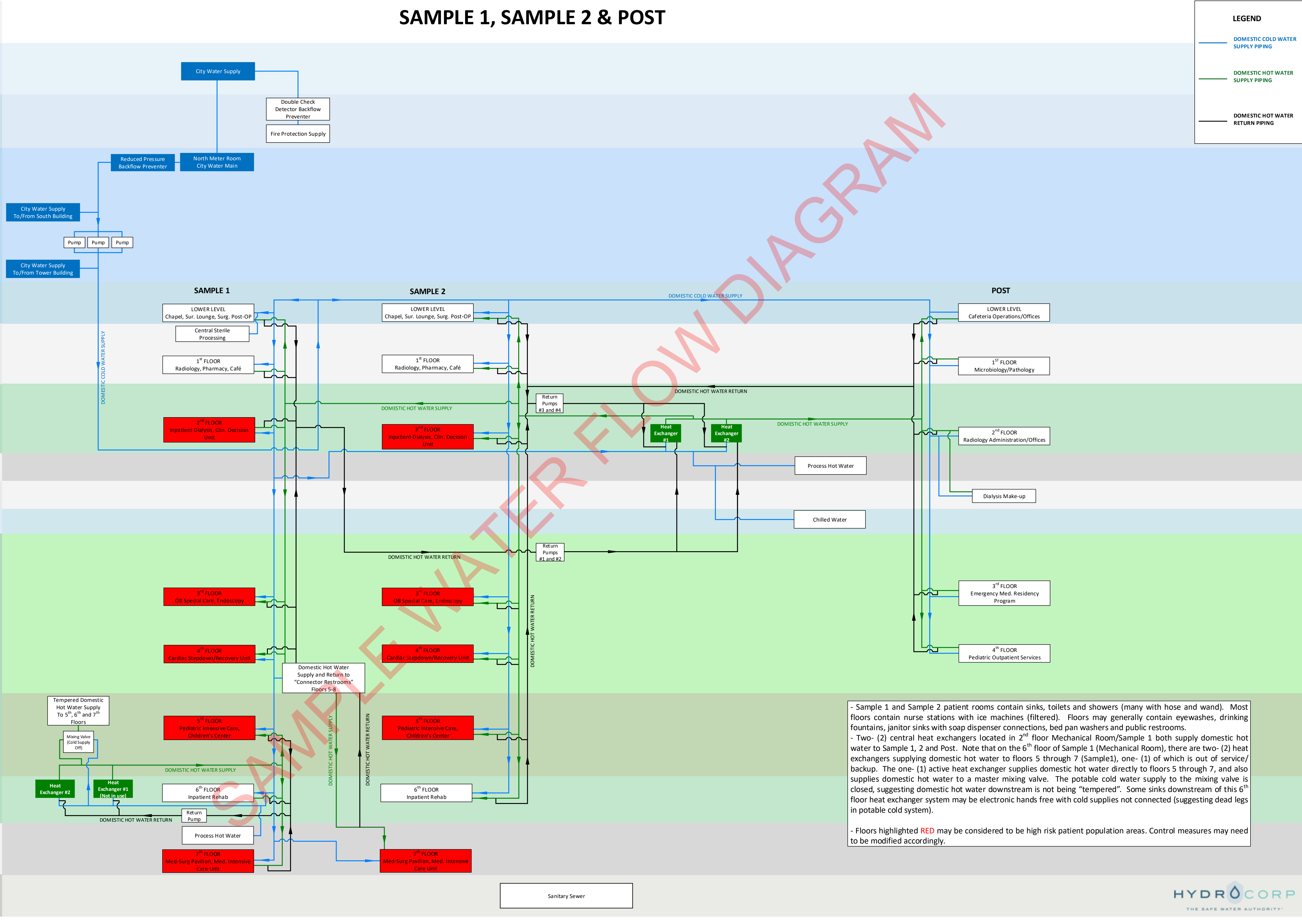


SAMPLE 1, SAMPLE 2 & POST

LEGEND



PROCESS STEPS
RECEIVING (REC)
1
FIRE PROTECTION SYSTEM (FP)
2
DOMESTIC COLD WATER POINT OF ENTRY (POE) CRITICAL CONTROL POINT I.D. #NFP-POE
3
DOMESTIC COLD WATER POINTS OF USE (POU) CRITICAL CONTROL POINT I.D. #NFP-POU
4
CENTRAL STERILE PROCESSING (CSP)
5
DOMESTIC HOT WATER MAKE-UP (DHW) CRITICAL CONTROL POINT I.D. #NFP-DHW (BUILDING)
6
PROCESS HOT WATER HEATING (PHW)
7
DIALYSIS MAKE-UP (DIAL)
8
PROCESS CHILLED WATER (CHILL)
9
DOMESTIC HOT WATER DISTRIBUTION SYSTEM (DHWS) CRITICAL CONTROL POINT I.D. #NFP-DHWS (BUILDING)
10
DOMESTIC HOT WATER DISTRIBUTION SYSTEM (DHWS) CRITICAL CONTROL POINT I.D. #N-DHWS (SAMPLE 1, 5-7 FLOORS)
11
DOMESTIC HOT WATER MAKE-UP (DHW) CRITICAL CONTROL POINT I.D. #N-DHW (SAMPLE 1, 5-7 FLOORS)
12
PROCESS HOT WATER HEATING (PHW)
13
WASTE
14



- Sample 1 and Sample 2 patient rooms contain sinks, toilets and showers (many with hose and wand). Most floors contain nurse stations with ice machines (filtered). Floors may generally contain eyewashes, drinking fountains, janitor sinks with soap dispenser connections, bed pan washers and public restrooms.

- Two- (2) central heat exchangers located in 2nd floor Mechanical Room/Sample 1 both supply domestic hot water to Sample 1, 2 and Post. Note that on the 6th floor of Sample 1 (Mechanical Room), there are two- (2) heat exchangers supplying domestic hot water to floors 5 through 7 (Sample1), one- (1) of which is out of service/backup. The one- (1) active heat exchanger supplies domestic hot water directly to floors 5 through 7, and also supplies domestic hot water to a master mixing valve. The potable cold water supply to the mixing valve is closed, suggesting domestic hot water downstream is not being "tempered". Some sinks downstream of this 6th floor heat exchanger system may be electronic hands free with cold supplies not connected (suggesting dead legs in potable cold system).

- Floors highlighted RED may be considered to be high risk patient population areas. Control measures may need to be modified accordingly.