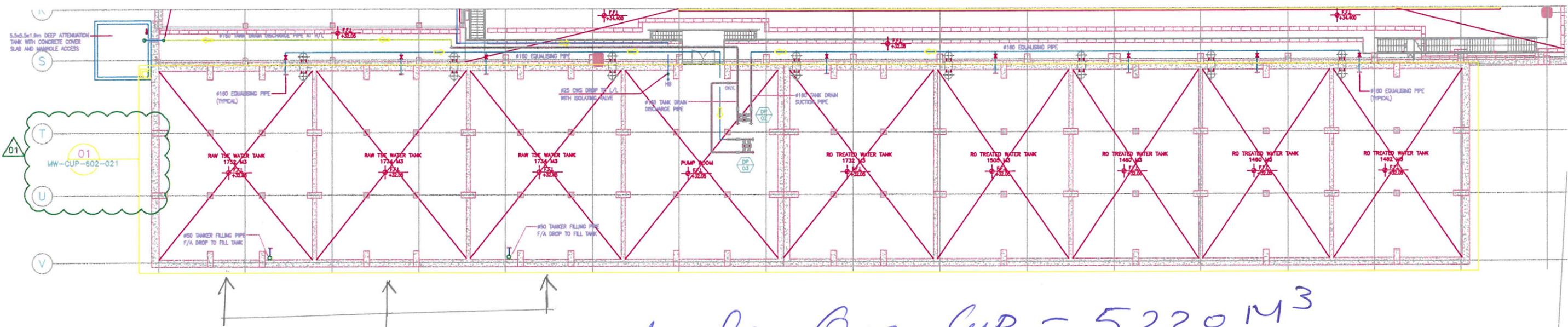


6.1-2

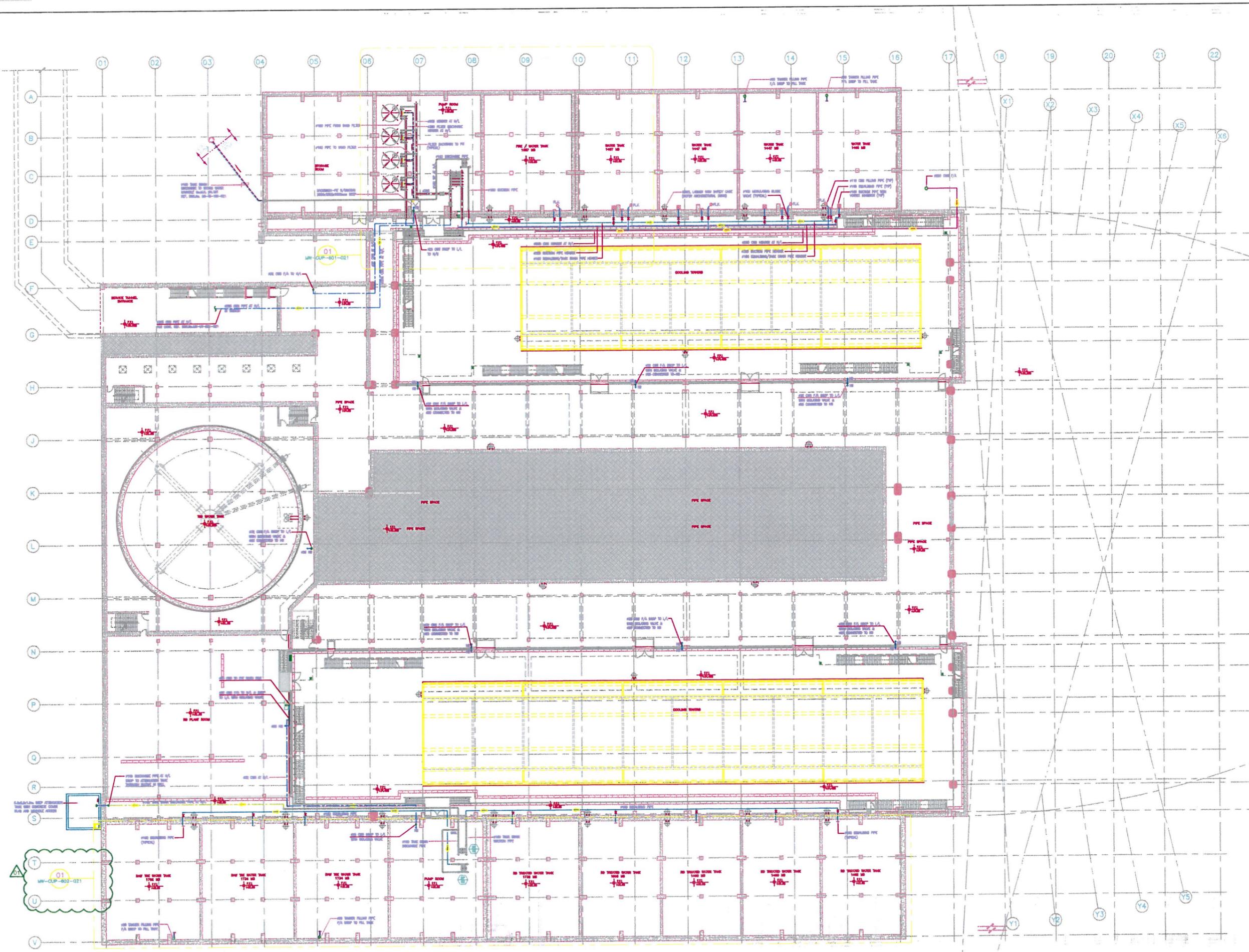
T.S.E Water Consumption for HVAC in Succ.



TSE Water for One Cup =  $5220 \text{ M}^3$   
TSE Water Cons. for three CUPS (Succ.)  
 $= 3 \times 5220 = 15660 \text{ M}^3 / \text{day.}$

TSE Water for HVAC + TSE Water for irrigation  
 $= 15660 + 30324 = 45984 \text{ M}^3 / \text{day.}$

6.1.2



1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.

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8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.

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SABAH AL SALEM UNIVERSITY CITY - KUWAIT UNIVERSITY INFRASTRUCTURE AND LANDSCAPE DESIGN PHASE 1V / AGREEMENT NO. KUJ04-05

CUP-1 BUILDING LOWER LEVEL PLAN WATER SUPPLY LAYOUT

DATE	1/2008	PROJECT NO.	64048-02
SCALE	AS SHOWN	REV.	1
DRAWN BY		CHECKED BY	
APPROVED BY		DATE	

6.1.2

## Total Water Tank Capacity in Bid Pack 5A&5B

Tank No	Tank Size	Over All Usable water depth	Overall usable water tank size	Net Usable water Vol.(m3)
1	45.7x40x9.5	7.791	45.7X40X7.791	14,242
2	45.7x40x9.5	7.791	45.7X40X7.791	14,242
3	46x40x11.5	9.741	46X40X9.741	17,923
4	45.7x40x9.5	7.719	45X40X7.791	14,242
<b>Over All Water Storage Capacity(m3)</b>				<b>60,649</b>

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T.S.E water Consumption for Irrigation/day  
in Succ.  
 $= 60649/2 = 30324 \text{ M}^3/\text{day}.$

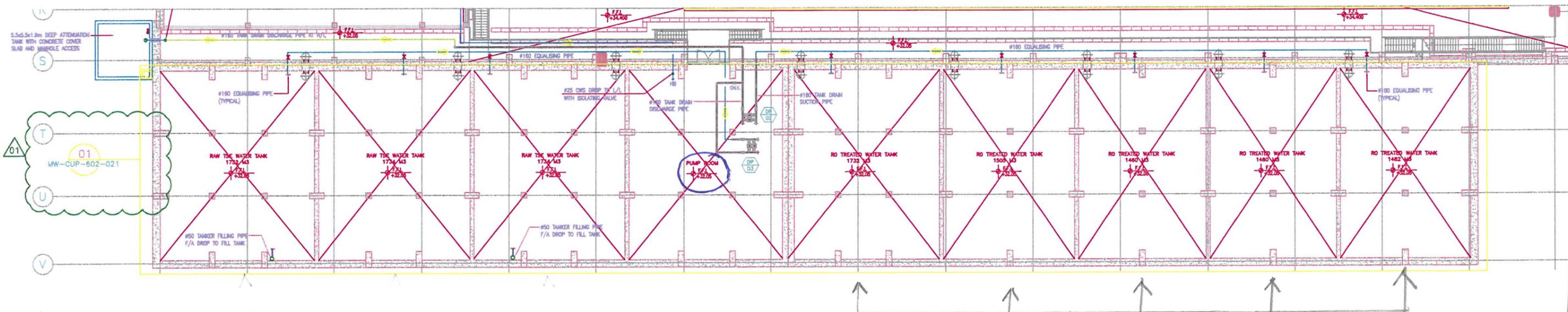
TSE water for Irrigation + TSE water for HVAC  
 $= 30324 + 15660 = 45984 \text{ M}^3/\text{day}.$

6.1.2



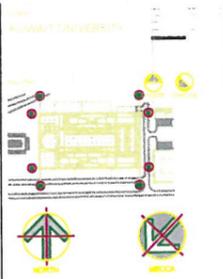
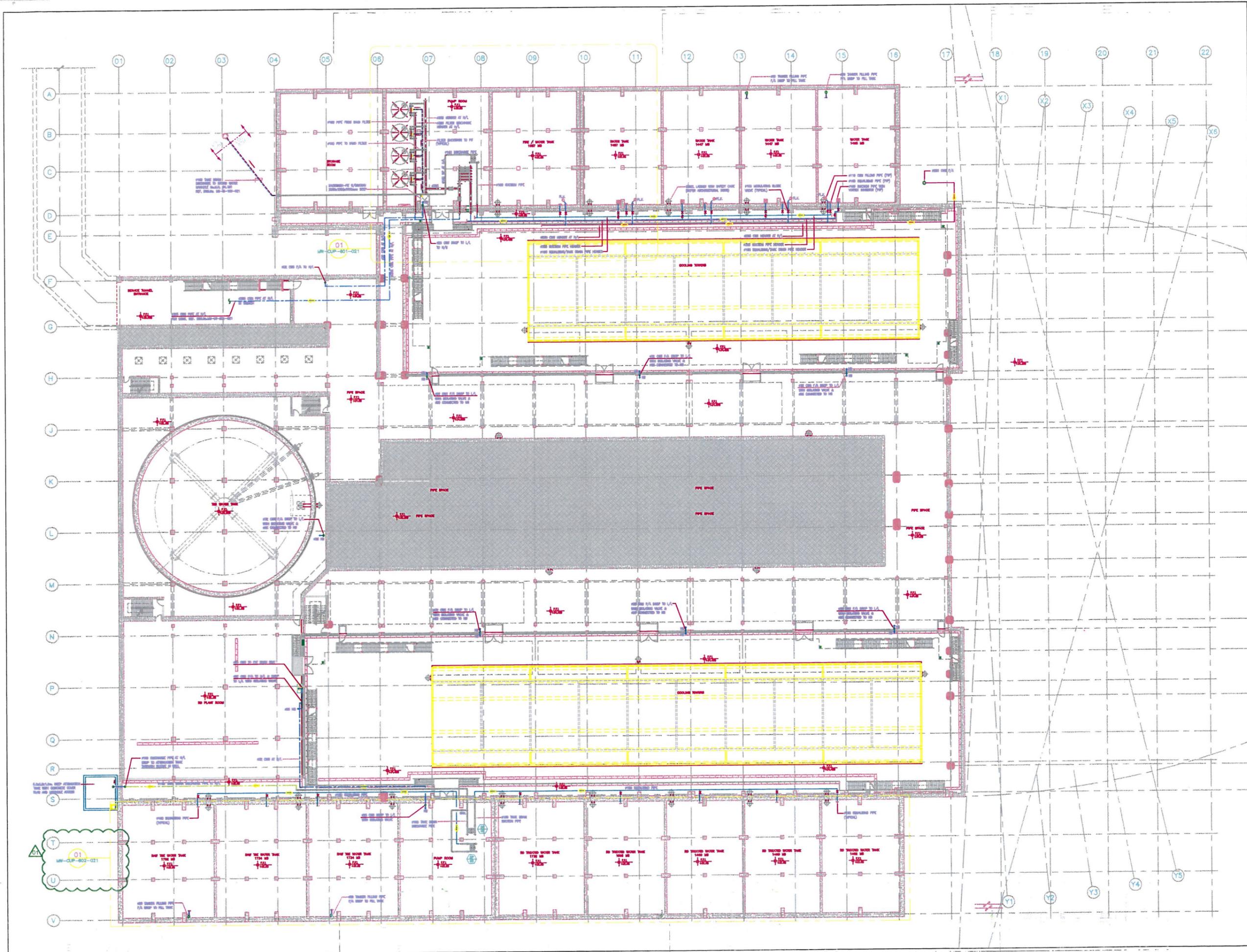
6.1-2

R.O. Consumption for Cooling towers in (Succ)  
(Cup-1) + Cup-2 + Cup-3



Total volume of water as R.O.  
for One Cup = 7619 M<sup>3</sup>/day  
Cup-1 + Cup-2 + Cup-3 = 3 x 7619 M<sup>3</sup>/day.  
= 22857 M<sup>3</sup>/day.

6.1.2



1. All dimensions are in meters (m) unless otherwise stated.  
 2. The drawings are for the design and construction of the water supply system for the building.  
 3. The drawings are to be used in conjunction with the specifications and the contract documents.  
 4. The drawings are to be used in conjunction with the contract documents.  
 5. The drawings are to be used in conjunction with the contract documents.

6. The drawings are to be used in conjunction with the contract documents.  
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SABAH AL SALEM UNIVERSITY CITY -  
 KUWAIT UNIVERSITY  
 INFRASTRUCTURE AND  
 LANDSCAPE DESIGN  
 PHASE - IV / AGREEMENT NO. KUJ0304-02

CUP 1 BUILDING  
 LOWER LEVEL PLAN  
 WATER SUPPLY LAYOUT

NO.	REVISION
1	ISSUED FOR TENDER
2	FOR CONSTRUCTION
3	FOR CONSTRUCTION
4	FOR CONSTRUCTION
5	FOR CONSTRUCTION
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