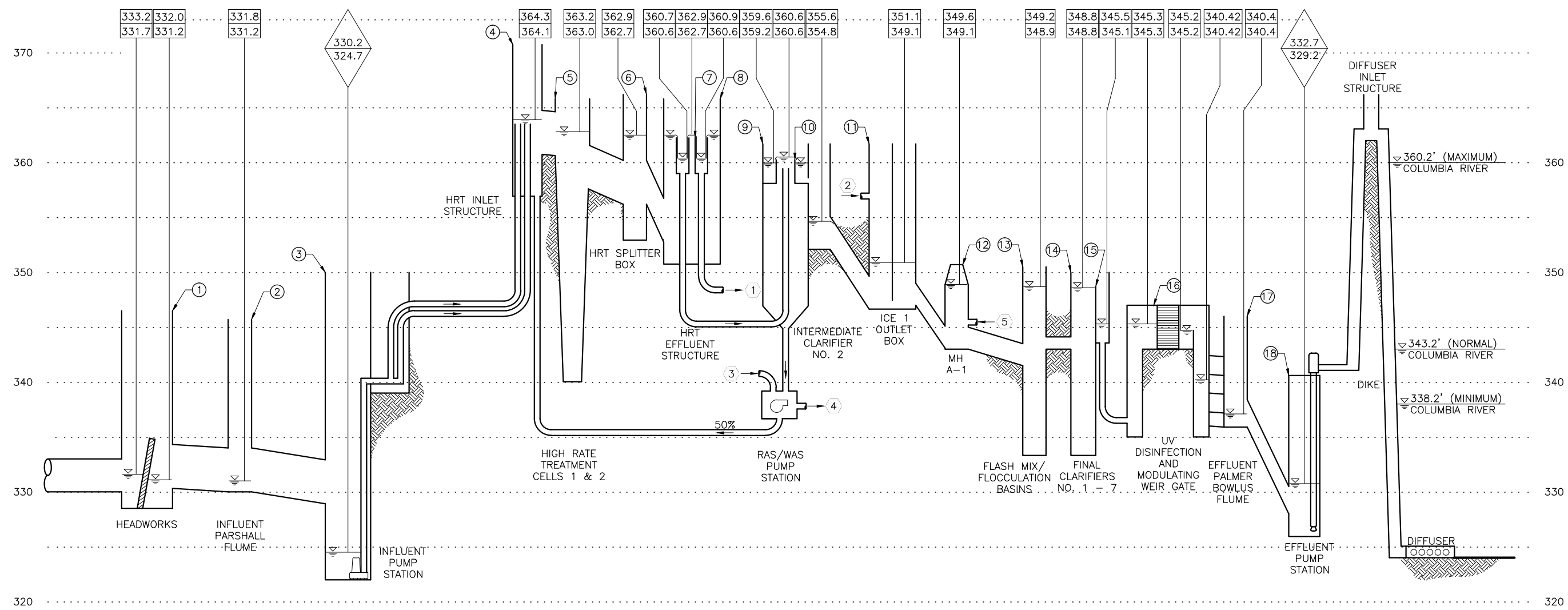


SIGNED 2/23/2017

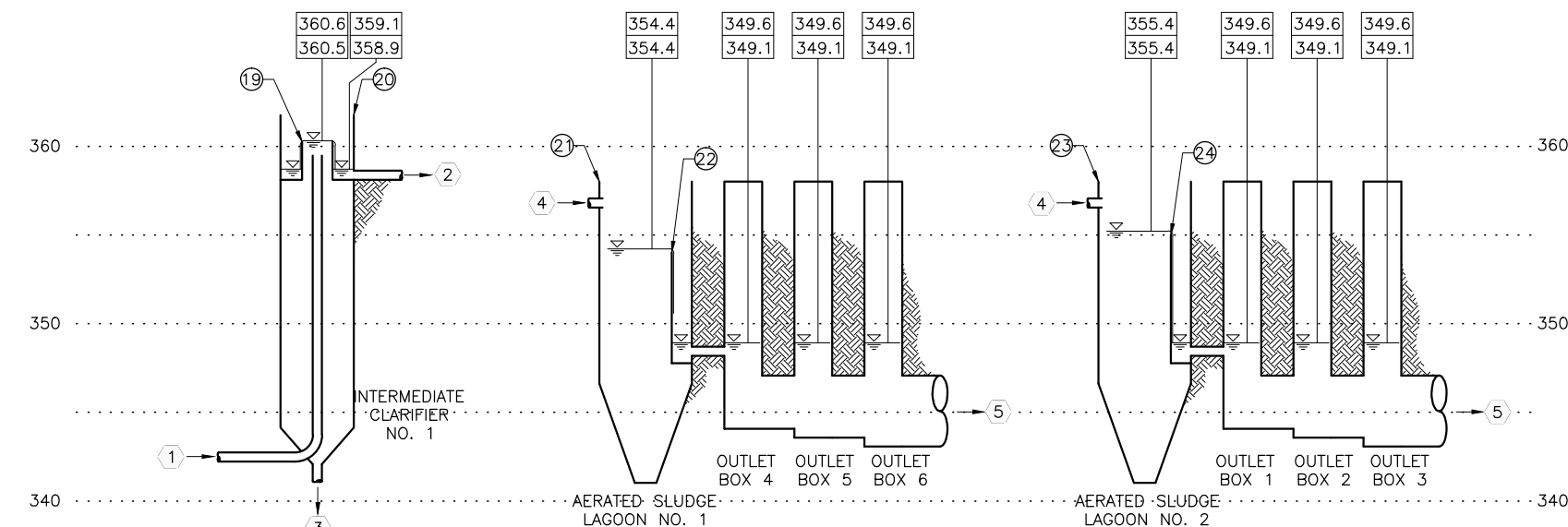
NO.	REVISION	DESCRIPTION	BY	DATE

**WWTP UPGRADES - PHASE 1**  
**CITY OF KENNEWICK**  
HYDRAULIC PROFILE

FILE: 30-13-056-200\_G-07  
JUB PROJ. #: 30-13-056-200  
DRAWN BY: MCH  
DESIGN BY: BBH  
CHECKED BY: BBH  
ONE INCH  
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY  
LAST UPDATED: 2/16/2017  
SHEET: **007**  
DRAWING: **G-07**



NOTE:  
ELEVATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON AVAILABLE RECORD DRAWINGS, DATA PROVIDED BY OTHERS, AND SURVEY COMPLETED FOR THIS PROJECT (AS REQUIRED).



**LEGEND**

- X WATER SURFACE ELEV. AT PEAK HOURLY FLOW (15.9 MGD)
- X WATER SURFACE ELEV. AT AVERAGE DAILY FLOW (7.9 MGD)
- X WETWELL HIGH WATER ELEVATION
- X WETWELL PUMP SHUT-OFF ELEVATION
- WATER SURFACE AT AVERAGE DAILY FLOW

**NOTES**

- ① MLSS TO INTERMEDIATE CLARIFIER NO. 1
- ② INTERMEDIATE CLARIFIER NO. 1 EFFLUENT
- ③ INTERMEDIATE CLARIFIER NO. 1 RAS/WAS
- ④ WAS TO AERATED SLUDGE LAGOONS
- ⑤ AERATED SLUDGE LAGOON EFFLUENT

**STRUCTURE ELEVATIONS**

- ① 346.7    ⑦ 362.5    ⑬ 350.7    ⑰ 360.4
- ② 345.9    ⑧ 366.4    ⑭ 350.2    ⑱ 361.9
- ③ 350.2    ⑨ 361.9    ⑮ 348.7    ⑲ 358.2
- ④ 370.9    ⑩ 360.4    ⑯ 347.2    ⑳ 354.2
- ⑤ 366.0    ⑪ 361.9    ⑰ 346.2    ㉑ 358.2
- ⑥ 366.4    ⑫ 350.9    ⑱ 340.8    ㉒ 355.2