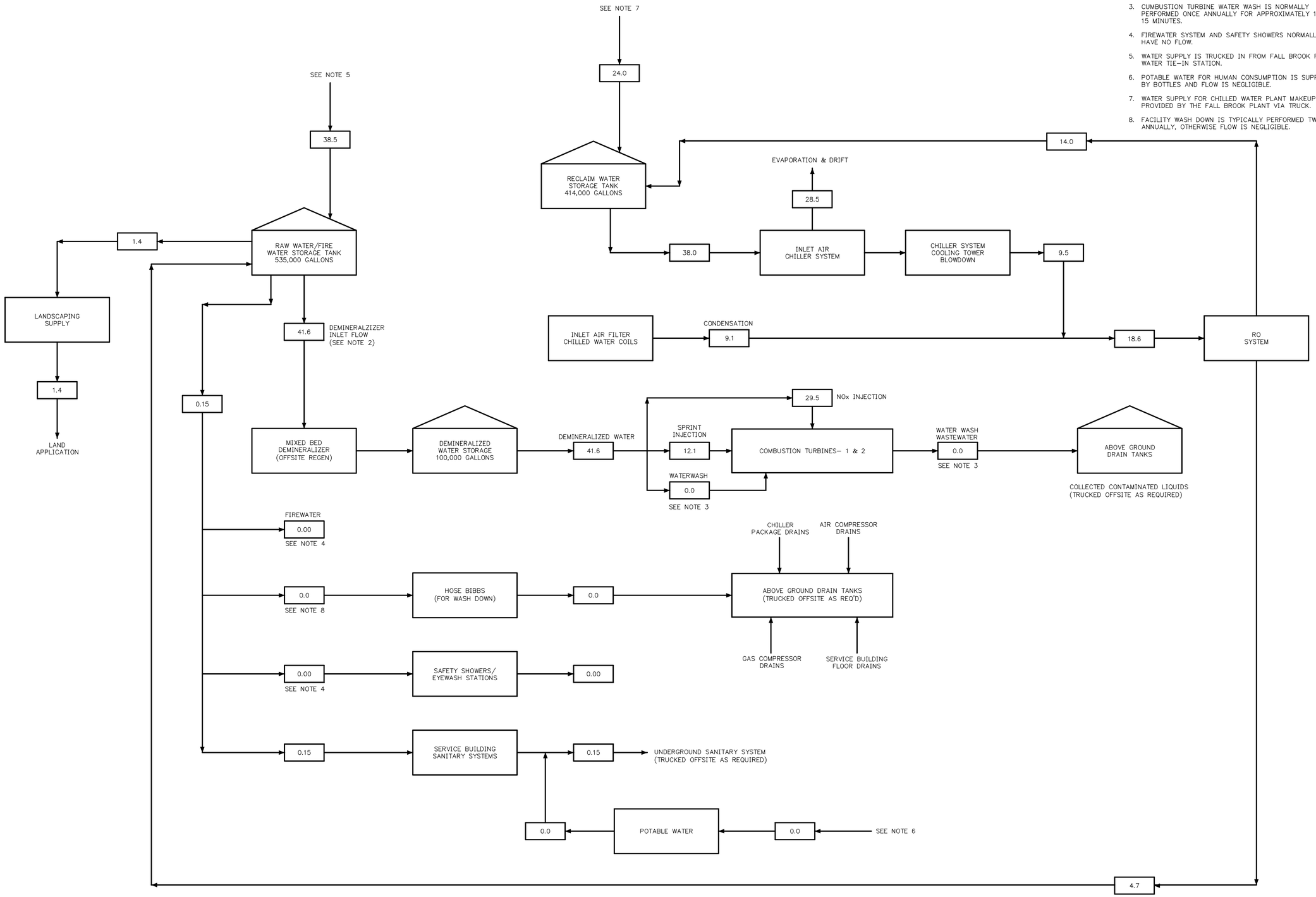

NOTES:

1. FLOW RATES ARE IN GALLONS PER MINUTE AND ARE ANNUAL AVERAGES BASED ON TWO COMBUSTION TURBINES OPERATING 12 HRS/DAY FOR A TOTAL OF 3,200 HRS/YR/COMBUSTION TURBINE.
2. INTERMITTENT FLOWS ARE SHOWN AS DAILY AVERAGES.
3. CUMBUSTION TURBINE WATER WASH IS NORMALLY PERFORMED ONCE ANNUALLY FOR APPROXIMATELY 10 TO 15 MINUTES.
4. FIREWATER SYSTEM AND SAFETY SHOWERS NORMALLY HAVE NO FLOW.
5. WATER SUPPLY IS TRUCKED IN FROM FALL BROOK FRESH WATER TIE–IN STATION.
6. POTABLE WATER FOR HUMAN CONSUMPTION IS SUPPLIED BY BOTTLES AND FLOW IS NEGLIGIBLE.
7. WATER SUPPLY FOR CHILLED WATER PLANT MAKEUP IS PROVIDED BY THE FALL BROOK PLANT VIA TRUCK.
8. FACILITY WASH DOWN IS TYPICALLY PERFORMED TWICE ANNUALLY, OTHERWISE FLOW IS NEGLIGIBLE.

REV.	DATE	DESCRIPTION	DWN	CHK
0	7–06–07	ISSUED – CEC PERMIT APPLICATION	SMG	LFB
1	12–10–07	ISSUED FOR SPPE ADDENDUM	SMG	SMT
2	12–18–07	RE–ISSUED FOR SPPE ADDENDUM	SMG	SMT
3	4–23–08	UPDATED FOR NEW WATER SOURCE	DCA	SMT
4	5–20–08	UPDATED FOR AFC	DCA	SMT
5	6–6–08	ISSUED FOR AFC PERMIT	BGG	SMT

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Sega ®
Engineers – Architects – Technicians
Design – Construction – Field Service
16041 Foster
P.O. Box 1000
Stilwell, Kansas 66085–1000

J-POWER GROUP
J-POWER USA Development Co., Ltd

ORANGE GROVE PROJECT

WATER BALANCE –
DESIGN BASIS CONDITION

DESIGN BY: L. BEIL	CHECKED BY: L. BEIL
DRAWN BY: S. GOETZ	DATE: 6–22–07
CLIENT I.D. JP000101	SEGA PROJECT NO. 07–098

CADD FILE NAME: 07098 FIGURE 2D–1.dwg

DRAWING NO. FIGURE 2D–1 REV. 5

N:\2007\07098\dwgs\me\07098–FIG 2D–1_Rev5.dwg 6/11/08 10:46am bgaspers