



- SERVICE**
- FE = FINAL EFFLUENT
 - JB = JUNCTION BOX
 - MH = MANHOLE
 - PW = POLISHING WETLANDS
 - PWE = POLISHING WETLANDS EFFLUENT
 - TWF = TREATMENT WETLANDS FLOW
 - PWI = POLISHING WETLANDS INFLUENT
 - TWE = TREATMENT WETLANDS EFFLUENT
 - 3W = CHLORINATED PLANT EFFLUENT

- SYMBOLS**
- = MAGNETIC FLOWMETER
 - = CHEMICAL INJECTION MIXER
 - = GATE (MANUAL)
 - = GATE (MOTORIZED)
 - = WEIR
 - = PUMP STATION

- LINES**
- = EXISTING
 - = NEW
 - = FUTURE

- NOTES:**
1. TO SAMPLE PUMPS AND CL₂ RESIDUAL ANALYZERS; COLIFORM SAMPLING POINT.
 2. TO SAMPLE PUMPS AND DECHLOR ANALYZERS.
 3. TO SAMPLE PUMPS AND EFFLUENT COMPOSITE SAMPLER.

LEGEND:

BID ALTERNATIVE. IF OXIDATION DITCH NO. 1 IS CONSTRUCTED AS PART OF THIS CONTRACT, INSTALL PIPING AS SHOWN.

SERVICE DIAMETER (INCHES)

AVERAGE FLOW (MGD) PEAK FLOW (MGD)

Last Saved By: SBATES 4-15-05 02:13pm

CONFORMED DOCUMENTS FOR CONSTRUCTION			
DESIGNED	CLAE/EC	DISCIPLINE ENGINEER	
DRAWN	WRA	PROJECT ENGINEER	
CHECKED	DWW		
DATE	JULY, 2005		
REV	DATE	BY	DESCRIPTION

DESIGNED
CLAE/EC

DRAWN
WRA

CHECKED
DWW

DATE
JULY, 2005

PROJECT ENGINEER

PARTNER



CITY OF PETALUMA

ELLIS CREEK WATER RECYCLING FACILITY

GENERAL

PLANT FLOW SCHEMATIC

CHLORINE CONTACT BASIN AND WETLANDS

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 6069B.10

DRAWING NO. G-12

SHEET NO. 13 OF 740